0	a Entity Identifier Code (optional): <u>18-066</u> ion: <u>Chicago Mercantile Exchange Inc. ("CME")</u>	
Filing as a		SDR
U	te - only ONE choice allowed.	
0	te (mm/dd/yy): <u>March 12, 2018</u> Filing Descriptio	
<u>Contract</u> Contracts	Months and Subsequent Delisting of Premium-Quo	oted European 9 AM FX Option
	FILING TYPE te only ONE choice allowed per Submission.	
	tion Rules and Rule Amendments	
	rtification	§ 40.6(a)
	pproval	§ 40.5(a)
<b>-</b>	otification	§ 40.6(d)
	lvance Notice of SIDCO Rule Change	§ 40.10(a)
	DCO Emergency Rule Change	§ 40.10(h)
Rule Num		ş 10.10(ll)
New Prod	uct Please note only ONE produc	t per Submission.
Ce	rtification	§ 40.2(a)
Ce	rtification Security Futures	§ 41.23(a)
Ce	rtification Swap Class	§ 40.2(d)
Aŗ	pproval	§ 40.3(a)
Aŗ	proval Security Futures	§ 41.23(b)
No	ovel Derivative Product Notification	§ 40.12(a)
	vap Submission	§ 39.5
Product 'I	Cerms and Conditions (product related Rules and Conditions (product related Rules and Conditions)	Rule Amendments)
Ce	rtification	§ 40.6(a)
Ce	rtification Made Available to Trade Determination	§ 40.6(a)
Ce	rtification Security Futures	§ 41.24(a)
De De	listing (No Open Interest)	§ 40.6(a)
Aŗ	pproval	§ 40.5(a)
Aŗ	proval Made Available to Trade Determination	§ 40.5(a)
Ap	proval Security Futures	§ 41.24(c)
Aŗ	proval Amendments to enumerated agricultural products	§ 40.4(a), § 40.5(a)
"N	on-Material Agricultural Rule Change"	§ 40.4(b)(5)
No	otification	§ 40.6(d)



Christopher Bowen Managing Director and Chief Regulatory Counsel Legal Department

March 12, 2018

# VIA ELECTRONIC PORTAL

Mr. Christopher J. Kirkpatrick Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, D.C. 20581

## Re: CFTC Regulation 40.6(a) Certification. Notification Regarding Delisting Previously-Listed Contract Months and Subsequent Delisting of Premium-Quoted European 9 AM FX Option Contracts. CME Submission No. 18-066

Dear Mr. Kirkpatrick:

Chicago Mercantile Exchange Inc. ("CME" or "Exchange") is notifying the Commodity Futures Trading Commission ("CFTC" or "Commission") that it is self-certifying delisting previously-listed contract months of the premium-quoted European 9 am weekly, monthly, and quarterly option contracts on the Australian Dollar/US Dollar ("AUD/USD"), Canadian Dollar/US Dollar ("CAD/USD"), British Pound/US Dollar ("GBP/USD"), Euro/US Dollar ("EUR/USD"), Japanese Yen/US Dollar ("JPY/USD"), and Swiss Franc/US Dollar ("CHF/USD") futures contracts (the "Contracts") that terminate and expire on their last trade date based upon the 9 am Central Time ("CT") daily settlement prices of the corresponding underlying futures contracts effective immediately, as set out in Exhibit 1. The Contracts are listed for trading on the CME trading floor and CME Globex and for submission for clearing through CME ClearPort. There is no open interest in the contracts months that will be immediately delisted. Exhibit 1 provides information regarding the last available contract month listed for trading and clearing of the Contracts.

Upon expiry of the last available contract month, CME will delist the Contracts following the market close on December 7, 2018.

Upon permanent delisting the Contracts on the close of business December 7, 2018, the Exchange will delete information regarding the Contracts from the CME product rule chapters, related position limits in the Position Limit, Position Accountability and Reportable Level Table located in the Interpretations and Special Notices Section of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook, the CME Globex non-reviewable ranges located in Rule 588.H. of the CME Rulebook, the Special Price Fluctuation Limits and Daily Price Limits Table located in Rule 589. of the CME Rulebook, the list of block-eligible products and all other references located on the CME Group website.

The Exchange reviewed the designated contract market core principles ("Core Principles") as set forth in the Commodity Exchange Act ("CEA" or "Act") and identified that the following Core Principles may be impacted by this initiative as follows:

- <u>Emergency Authority</u>: There is no open interest in the contract months which are delisted, and therefore there will be no market disruption related to their delisting.
- <u>Availability of General Information</u>: The Exchange will make publicly available the details of the contract month delisting by publishing a Special Executive Report ("SER") to the market. The SER will be available on CME Group's website.

Pursuant to Section 5c(c) of the Act and CFTC Regulation 40.6(a), the Exchange hereby certifies that the delisting complies with the Act, including regulations under the Act. There were no substantive opposing views to this proposal.

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

Should you have any questions concerning the above, please e-mail <u>CMEGSubmissionInquiry@cmegroup.com</u> or contact the undersigned at (212) 299-2200.

Sincerely,

/s/ Christopher Bowen Managing Director and Chief Regulatory Counsel

Exhibit 1	-	Delisting Previously-Listed Contract Months and Subsequent Delisting of Premium- Quoted European 9 AM FX Option Contracts.
Exhibit 2	-	Amendments Effective Close of Business December 7, 2018 to CME Rulebook Chapter 251A, 252A, 253A, 254A, 255A, and 261A.
Exhibit 3	-	Amendments Effective Close of Business December 7, 2018 to the Position Limit, Position Accountability and Reportable Level Table located in the Interpretations and Special Notices Section of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook (submitted under separate cover).
Exhibit 4	-	Amendments Effective Close of Business December 7, 2018 to CME Rule 588.H. ("Globex Non-Reviewable Trading Ranges") Table of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook (submitted under separate cover).
Exhibit 5	-	Amendments Éffective Close of Business December 7, 2018 to CME Rule 589. ("Special Price Fluctuation Limits and Daily Price Limits") Table located in the Interpretations and Special Notices Section of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook (submitted under separate cover).

300 Vesey Street New York, NY 10282 T 212 299 2200 F 212 299 2299 christopher.bowen@cmegroup.com cmegroup.com

# <u>Exhibit 1</u>

# Delisting Previously-Listed Contract Months and Subsequent Delisting of Premium-Quoted European 9 AM FX Option Contracts

Contracts	CME Rulebook Chapter	Settlement Price Fixing Time	Monthly and Quarterly Expiry Ticker Symbols	Weekly Expiry Ticker Symbols	Immediately Delisted Contract Months with Zero Open Interest as of March 12, 2018	Last Available Contract Month for Trading and Clearing
Options on Australian Dollar/US Dollar Futures	CME 255A	9 AM CT	CME Globex: XAD CME ClearPort: XA Open Outcry: XA Clearing: XA	CME Globex: XA1-XA5 CME ClearPort: AD1-AD5 Open Outcry: AD1-AD5 Clearing: AD1-AD5	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, April 2018, May 2018, June 2018, July 2018, September 2018, and December 2018.	Contract Delisted Entirely – No listed Contract Months.
Options on Canadian Dollar/US Dollar Futures	CME 252A	9 AM CT	CME Globex: XD CME ClearPort: YD Open Outcry: YD Clearing: YD	CME Globex: XD1-XD5 CME ClearPort: 1D-5D Open Outcry: 1D-5D Clearing: 1D-5D	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, April 2018, May 2018, July 2018, September 2018, and December 2018.	June 2018.
Options on British Pound/US Dollar Futures	CME 251A	9 AM CT	CME Globex: XB CME ClearPort: YB Open Outcry: YB Clearing: YB	CME Globex: XB1-XB5 CME ClearPort: 1P-5P Open Outcry: 1P-5P Clearing: 1P-5P	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, May 2018, and July 2018.	April 2018, June 2018, September 2018, and December 2018.
Options on Euro/US Dollar Futures	CME 261A	9 AM CT	CME Globex: XT CME ClearPort: YT Open Outcry: YT Clearing: YT	CME Globex: 1Q-5Q CME ClearPort: 1T-5T Open Outcry: 1T-5T Clearing: 1T-5T	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, and July 2018.	April 2018, May 2018, June 2018, September 2018, and December 2018.
Options on Japanese Yen/US Dollar Futures	CME 253A	9 AM CT	CME Globex: XJ CME ClearPort: YJ Open Outcry: YJ Clearing: YJ	CME Globex: 10-50 CME ClearPort: 1Y-5Y Open Outcry: 1Y-5Y Clearing: 1Y-5Y	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, April 2018, May 2018, June 2018, July 2018, September 2018, and December 2018.	Contract Delisted Entirely – No listed Contract Months.
Options on Swiss Franc/US Dollar Futures	CME 254A	9 AM CT	CME Globex: XS CME ClearPort: YS Open Outcry: YS Clearing: YS	CME Globex: XS1-XS5 CME ClearPort: 1W-5W Open Outcry: 1W-5W Clearing: 1W-5W	March 2018 Week 3, March 2018 Week 4, March 2018 Week 5, April 2018 Week 2, April 2018, May 2018, June 2018, July 2018, September 2018, and December 2018.	Contract Delisted Entirely – No listed Contract Months.

# CME Rulebook Amendments (Effective Close of Business December 7, 2018)

# Chapter 251A: Options on British Pound Sterling/U.S. Dollar Futures

(deletions are struck through.)

#### 251A01. OPTION CHARACTERISTICS

#### 251A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("(9:00 a.m. Fix")

Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually at 9:00 a.m. Central time). If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding business day. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m. Central time) on the business day immediately preceding the expiration of the centract month. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the business day immediately preceding the expiration of the centract month. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the CME® Globox® platform shall terminate at 9:00 a.m. Central time on the centract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

### 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually at 9:00 a.m. Central time). If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding business day. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m. Central time) on the business day immediately proceeding the expiration of the centract month. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the CME Globex platform shall terminate at 9:00 a.m. Central time on the centract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 3. Weekly Options

The options expire (usually at 9:00 a.m. Central time) on those Fridays that are also not expirations for either menthly options in the March quarterly cycle or menthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately preceding business day. Trading in weekly options on the trading floer shall terminate at the close of trading (usually 2:00 p.m. Central time) on those business days immediately preceding the expiration of the weekly option that are not also the termination of trading of a menthly option as described in the preceding sections 1 and 2. Trading in weekly options on the CME Globex platform shall terminate at 9:00 a.m. Central time on the contract menth expiration days that are not also the termination of a menthly option as described in the preceding sections 1 and 2. Trading in weekly option as described in the preceding sections 1 and 2. Trading in weekly option as described in the preceding section days of a menthly option as described in the preceding at 9:00 a.m. Central time on the centract menth expiration days that are not also the centract menth expiration days of a menthly option as described in the preceding sections 1 and 2. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on

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# 251A01.<u>H</u>I. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

4. Wednesday Weekly Options

Trading in Wednesday weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on Wednesdays. If the foregoing date for termination is a scheduled Exchange holiday, trading in Wednesday weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 251A03. EXERCISE AND ASSIGNMENT

#### 251A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out of the money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 8:59:30 to 8:59:59 a.m. Central time on the day of determination of the CME currency fixing price.
- Tior 2 If loss than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.

Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the money if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 or higher, then 1.3050 Calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price for Europy fixin

## 251A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 1:59:30 to 1:59:59 p.m. Central time on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Chapter 252A: Options on Canadian Dollar/U.S. Dollar (CAD/USD) Futures

(Additions are underlined; deletions are struck through.)

# 252A01. OPTIONS CHARACTERISTICS

## 252A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("9:00 a.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options in the March quarterly cycle (i.e., March, June, Soptember and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., Soptember and December) on the March quarterly cycle (i.e., Soptember and December) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., Soptember and December) on the CME<sup>®</sup> Clobex<sup>®</sup> platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the time same on the immediately preceding Business Day. Trading in monthly options not in the March quarterly cycle (i.e., . January, Fobruary, April, May, July, Auguet, Octobor and November) on the trading floor terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options not in the March April, May, January, February, July, August, October and Nevember) arterly cycle (i.e., the CME Globox platform shall torminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 3. Weekly Options

The options expire (usually 9:00 a.m.) on these Fridays that are also not expirations for eith monthly options in the March quarterly cycle or monthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately preceding Business Day. **Trading in weekly** options on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on those Business Days immediately preceding the expiration of the weekly option that are not also tormination of trading of a monthly option as described in the Trading in weekly options on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration days that are not also the contract month expiration days of a monthly option as described in the proceeding and 2 - soctions In the event that underlying futures market dees net open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open trading

# 252A01.HI. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

## 1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

4. Wednesday Weekly Options

Trading in Wednesday weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on Wednesdays. If the foregoing date for termination is a scheduled Exchange holiday, trading in Wednesday weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 252A03. EXERCISE AND ASSIGNMENT

#### 252A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 8:59:30 to 8:59:59 a.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the rosulting midpoints ovor the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quete vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the money if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 or higher, then 1.3050 Calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price for Euro price price were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were price for Euro were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 Puts shall be exercised.

## 252A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 1:59:30 to 1:59:59 p.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Chapter 253A: Options on Japanese Yen/U.S. Dollar (JPY/USD) Futures

(Additions are underlined; deletions are struck through.)

# 253A01. OPTIONS CHARACTERISTICS

## 253A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("9:00 a.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually 9:00 a.m.). If the forogoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options in the March quarterly cycle (i.e., March, June, Soptember and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., Soptember and December) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., March, June, Soptember and December) on the CME® Globex® platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options not in the March quarterly cycle (i.e., January, Fobruary, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the centract month. Trading in monthly options not in the March quarterly cycle (i.e., January, Fobruary, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the centract month. Trading in monthly options not in the March quarterly cycle (i.e., January, Fobruary, April, May, July, August, October and November) on the function of the centract month. Trading in monthly options not in the March quarterly cycle (i.e., January, Fobruary, April, May, July, August, October and November) on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 3. Weekly Options

The options expire (usually 9:00 a.m.) on these Fridays that are also not expirations monthly options in the March quarterly cycle or monthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange holiday, option expiration Trading in wookly shall occur at the same time on the immediately preceding business day. options on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on those Business Days immediately preceding the expiration of the weekly option that are not also tormination of trading of a monthly option as described in the Trading in weekly options on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration days that are not also the contract month expiration days of a monthly option as described in the preceding sections 1 and 2 In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 253A01.<u>H</u>I. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

4. Wednesday Weekly Options

Trading in Wednesday weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on Wednesdays. If the foregoing date for termination is a scheduled Exchange holiday, trading in Wednesday weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

#### 253A03. EXERCISE AND ASSIGNMENT

#### 253A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of the money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 8:59:30 to 8:59:59 a.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vender spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the money if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 or higher, then 1.3050 Calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency of the currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower.

# 253A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 1:59:30 to 1:59:59 p.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Chapter 254A Options on Swiss Franc/U.S. Dollar (CHF/USD) Futures

(Additions are underlined; deletions are struck through.)

# 254A01. OPTIONS CHARACTERISTICS

# 254A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("9:00 a.m. Fix")

#### 1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately proceeding Business Day. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., March, June, September) on the CME® Globex® platform shall terminate at 0:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration day. In the ovent that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 3. Weekly Options

The options expire (usually 9:00 a.m.) on those Fridays that are also not expirations for either menthly options in the March quarterly cycle or menthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in weekly options on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on these Business Days immediately preceding the expiration of the weekly option that are not also the termination of trading of a menthly option as described in the preceding sections 1 and 2. Trading in weekly options on the CME Clobex platform shall terminate at 9:00 a.m. on the contract menth expiration days that are not also the contract menth expiration days of a menthly option as described in the preceding sections 4 and 2. Trading in weekly option and the preceding sections 4 and 2. Trading in weekly option also that are not also the contract menth expiration days that are not also the contract menth expiration days that are not also the contract menth expiration days that the preceding sections 1 and 2. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 254A01.HI. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 254A03. EXERCISE AND ASSIGNMENT

#### 254A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 8:59:30 to 8:59:59 a.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tior 3 If no calos (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the money if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price for Euro sprice for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price for Euro sprice for Euro were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the currency fixing price for Euro sprice for E

#### 254A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 1:59:30 to 1:59:59 p.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Chapter 255A Options on Australian Dollar/U.S. Dollar (AUD/USD) Futures

(Additions are underlined; deletions are struck through.)

# 255A01. OPTIONS CHARACTERISTICS

# 255A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("9:00 a.m. Fix")

#### 1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately proceeding Business Day. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., March, June, September) on the CME Globex® platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange heliday, options expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration day. In the ovent that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 3. Weekly Options

The options expire (usually 9:00 a.m.) on these Fridays that are also not expirations for either menthly options in the March quarterly cycle or menthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange holiday, option expiration schall occur at the same time on the immediately preceding Business Day. Trading in weekly options on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on these Business Days immediately preceding the expiration of the weekly option that are not also the termination of trading of a menthly option as described in the preceding sections 1 and 2. Trading in weekly options on the CME Clobex platform shall terminate at 9:00 a.m. on the contract menth expiration days that are not also the contract menth expiration days of a menthly option as described in the preceding sections days of a menthly option as described in the preceding that are not also the contract menth expiration days that are not also the contract menth expiration days of a menthly option as described in the expiration days of a menthly option as described in the preceding sections 1 and 2. Trading in weekly option days that are not also the contract menth expiration days of a menthly option as described in the preceding section days of a menthly option as described in the preceding that are not also the contract menth expiration days of a menthly option as described in the preceding sections 1 and 2. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 255A01.HI. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

4. Wednesday Weekly Options

Trading in Wednesday weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on Wednesdays. If the foregoing date for termination is a scheduled Exchange holiday, trading in Wednesday weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

#### 255A03. EXERCISE AND ASSIGNMENT

## 255A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out of the money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume, from 8:59:30 to 8:59:59 a.m. on the day of determination of the CME currency fixing price.

- Tior 2 If loss than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tior 3 If no salos (trados) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the monoy if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 or higher, then 1.3050 Calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandened. Similarly, if the CME currency fixing price were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were fixing price for Euro were fixing price were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or higher, then 1.3050 Puts shall be abandened.

255A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume, from 1:59:30 to 1:59:59 p.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Chapter 261A Options on Euro/U.S. Dollar (EUR/USD) Futures

(Additions are underlined; deletions are struck through.)

# 261A01. OPTIONS CHARACTERISTICS

## 261A01.H. Termination of Trading and Expiration Days for European-Style Exercise Options ("9:00 a.m. Fix")

#### 1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

The options expire on the second Friday immediately proceeding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange holiday, option expiration shall occur at the same time on the immediately proceeding Business Day. Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options in the March quarterly cycle (i.e., September and December) on the Sume sine scheduled contract month. Trading in monthly options in the March quarterly cycle (i.e., September and December) on the CME<sup>®</sup> Clobex<sup>®</sup>-platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

The options expire on the second Friday immediately preceding the third Wednesday of the contract month (usually 9:00 a.m.). If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on the Business Day immediately preceding the expiration of the contract month. Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) on the CME Globex platform shall terminate at 9:00 a.m. on the contract month expiration day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

#### 3. Weekly Options

The options expire (usually 9:00 a.m.) on these Fridays that are also not expirations for either menthly options in the March quarterly cycle or menthly options not in the March quarterly cycle. If the foregoing date for expiration is a scheduled Exchange heliday, option expiration shall occur at the same time on the immediately preceding Business Day. Trading in weekly options on the trading floor shall terminate at the close of trading (usually 2:00 p.m.) on these Business Days immediately preceding the expiration of the weekly option that are not also the termination of trading of a menthly option as described in the preceding sections 1 and 2. Trading in weekly options on the CME Globex platform shall terminate at 9:00 a.m. on the contract menth expiration days that are not also the contract menth expiration days of a menthly option as described in the preceding sections 4 and 2. The option days of a menthly option as described in the expiration days of a menthly option as described in the preceding sections 4 and 2. Trading in weekly option days that are not also the contract menth expiration days that are not also the contract menth expiration days of a menthly option as described in the expiration days of a menthly option as described in the preceding sections 4 and 2. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

# 261A01.HI. Termination of Trading for European-Style Exercise Options ("2:00 p.m. Fix")

1. Monthly Options in the March Quarterly Cycle ("Quarterly Options")

Trading in monthly options in the March quarterly cycle (i.e., March, June, September and December) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

## 2. Monthly Options Not in the March Quarterly Cycle ("Serial Options")

Trading in monthly options not in the March quarterly cycle (i.e., January, February, April, May, July, August, October and November) shall terminate at the close of trading (usually 2:00 p.m. Central time) on the second Friday immediately preceding the third Wednesday of the contract month. If the foregoing date for termination is a scheduled Exchange holiday, trading in monthly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

3. Weekly Options

Trading in weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on those Fridays that are not also the termination of trading of a monthly option as described in the preceding sections 1 and 2. If the foregoing date for termination is a scheduled Exchange holiday, trading in weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

4. Wednesday Weekly Options

Trading in Wednesday weekly options shall terminate at the close of trading (usually 2:00 p.m. Central time) on Wednesdays. If the foregoing date for termination is a scheduled Exchange holiday, trading in Wednesday weekly options shall terminate on the immediately preceding business day. In the event that the underlying futures market does not open on the scheduled expiration day, the option expiration shall be extended to the next day on which the underlying futures market is open for trading.

#### 261A03. EXERCISE AND ASSIGNMENT

#### 261A03.A.1. Exercise of European-Style Exercise Options ("9:00 a.m. Fix")

All in the money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 8:59:30 to 8:59:59 a.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vender spet rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

An option is in the money if the CME currency fixing price of the underlying futures contract lies above or is equal to the exercise price in the case of a call, or lies below the exercise price in the case of a put. For example, if the CME currency fixing price were 1.3050 or higher, then 1.3050 Calls shall be exercised. If the CME currency fixing price for Euro were 1.3049 or lower, then 1.3050 calls shall be abandoned. Similarly, if the CME currency fixing price were 1.3049 or lower, then 1.3050 Puts shall be exercised. If the CME currency of the currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower, then 1.3050 Puts shall be exercised. If the CME currency fixing price for Euro were 1.3050 or lower.

## 261A03.A.12. Exercise of European-Style Exercise Options ("2:00 p.m. Fix")

All in-the-money options are automatically exercised by the Clearing House on the day of expiration for the option. All out-of-the-money options are abandoned by the Clearing House on the day of expiration for the option. To determine whether an option is in or out of the money on this day, the Exchange shall calculate the relevant "CME currency fixing price" from GLOBEX-traded underlying futures contracts as follows:

- Tier 1 Take the 30-second average of sale (trade) prices, weighted by volume from 1:59:30 to 1:59:59 p.m. on the day of determination of the CME currency fixing price.
- Tier 2 If less than three or no sales (trades) occurred during the 30-second interval noted above, take the midpoint of each bid & ask spread where available and average the resulting midpoints over the 30-second interval.
- Tier 3 If no sales (trades) and no bid and ask prices occurred during the 30-second interval, then Exchange staff shall derive the CME currency fixing price (as a synthetic futures price) from quote vendor spot rates and appropriate maturity forward points.

The calculation of the CME currency fixing price at Tiers 1 to 3 shall be rounded to each contract's Price Increment's definition. For example, for Euro with a Price Increment of \$0.0001 per Euro, the CME currency fixing price shall be rounded to the nearest \$0.0001 per Euro (with \$0.00005 and above rounded up to \$0.0001, and \$0.00004 and below rounded down to \$0.0000).

# Amendments Effective Close of Business December 7, 2018 to the Position Limit, Position Accountability and Reportable Level Table located in the Interpretations and Special Notices Section of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook

(submitted under separate cover).

# Amendments Effective Close of Business December 7, 2018 to CME Rule 588.H. ("Globex Non-Reviewable Trading Ranges") Table of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook

(submitted under separate cover).

Amendments Effective Close of Business December 7, 2018 to CME Rule 589. ("Special Price Fluctuation Limits and Daily Price Limits") Table located in the Interpretations and Special Notices Section of Chapter 5 ("Trading Qualifications and Practices") of the CME Rulebook

(submitted under separate cover).