

## Chapter 360

### E-mini™ Nasdaq® Biotechnology Index Futures

#### 36000. SCOPE OF CHAPTER

This chapter is limited in application to E-mini Nasdaq Biotechnology Index futures (“futures”). In addition to this chapter, futures shall be subject to the general rules and regulations of the Exchange as applicable.

Unless otherwise specified, times referenced herein shall refer to and indicate Chicago time.

##### 36000.A. Market Decline

For the purposes of this chapter a Market Decline shall be as defined in New York Stock Exchange Rule 7.12 for Trading Halts Due to Extraordinary Volatility or in Nasdaq Stock Market Rule 4121 for Trading Halts Due to Extraordinary Volatility.

##### 36000.B. Primary Listing Exchange

For the purposes of this chapter a Primary Listing Exchange shall be as defined in the “Plan to Address Extraordinary Market Volatility Submitted to the Securities and Exchange Commission Pursuant to Rule 608 of Regulation NMS Under the Securities Exchange Act of 1934” approved 31 May 2012 by the U.S. Securities and Exchange Commission (“SEC”), as amended from time to time (SEC, SRO Rulemaking, National Market System Plans, File 4-631).

##### 36000.C. Regulatory Halt

For the purposes of this chapter a Regulatory Halt shall be as defined in the “Plan to Address Extraordinary Market Volatility Submitted to the Securities and Exchange Commission Pursuant to Rule 608 of Regulation NMS Under the Securities Exchange Act of 1934” approved 31 May 2012 by the SEC, as amended from time to time (SEC, SRO Rulemaking, National Market System Plans, File 4-631) and as implemented under New York Stock Exchange Rule 7.12 for Trading Halts Due to Extraordinary Volatility or under Nasdaq Stock Market Rule 4121 for Trading Halts Due to Extraordinary Volatility.

#### 36001. CONTRACT SPECIFICATIONS

Each futures contract shall be valued at \$25.00 times the E-mini Nasdaq Biotechnology Index (“Index”). The Nasdaq Biotechnology Index is a modified capitalization-weighted index comprised of stocks that are classified as either pharmaceutical or biotechnology.

#### 36002. TRADING SPECIFICATIONS

##### 36002.A. Trading Schedule

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

##### 36002.B. Trading Unit

The unit of trade shall be \$25.00 times the Index.

##### 36002.C. Price Increments<sup>1</sup>

Bids and offers shall be quoted in Index points. The minimum price increment shall be 0.50 Index points, equal to \$12.50 per contract, for trades executed on CME Globex electronic trading platform, except for intermonth spreads executed pursuant to Rule 542.A., for which the minimum price increment shall be 0.05 Index points, equal to \$1.25 per intermonth spread. For transactions submitted for clearing via CME ClearPort, the minimum price increment shall be 0.01 Index points, equal to \$0.25 per contract.

##### 36002.D. Position Limits, Exemptions, Position Accountability and Reportable Levels

<sup>1</sup> See Rule 36006.C. (BTIC Orders Minimum Price Increment) for information on the minimum price increment or Tick Size for BTIC Transactions. BTIC trades that are completed are based on the closing stock index value, and will be cleared in price increments of 0.01 index points, because the underlying stock index is reported to a two decimal place level precision.

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

**36002.E. [Reserved]**

**36002.F. [Reserved]**

**36002.G. Termination of Trading**

Trading in expiring futures shall terminate at the regularly scheduled start of trading on the Nasdaq Stock Market on the Business Day scheduled for determination of the Final Settlement Price (Rule 36003.A.) for such futures.

If an unscheduled Market Holiday is declared on the day of Final Settlement Price determination (Rule 36003.A), trading in the expiring futures shall terminate at the close of trading on the New York Stock Exchange on the immediately preceding Business Day.

**36002.H. [Reserved]**

**36002.I. Price Limits and Trading Halts**

Futures trading shall be subject to Price Limits as set forth in this Rule. For the purpose of this Rule the Exchange shall determine, in its sole discretion, the futures delivery month that represents the Primary Futures Contract Month and when such Primary Futures Contract Month is limit bid or limit offered.

**1. Daily Determination of Price Limits**

For a given Business Day, Price Limits applicable to a futures contract for a given delivery month shall be calculated on the basis of the corresponding Reference Price (Rule 36002.I.1.a.) and the corresponding Offsets (Rule 36002.I.1.b.), as follows:

7% Price Limits = Reference Price minus 7% Offset, and Reference Price plus 7% Offset

13% Price Limit = Reference Price minus 13% Offset

20% Price Limit = Reference Price minus 20% Offset

**1.a. Reference Prices for Price Limits**

For a given Business Day, for futures for a given delivery month, the Exchange shall set a contract Reference Price on the first preceding Business Day, as follows:

**Tier 1**

Such Reference Price shall be based on the volume-weighted average price of transactions in such futures on the CME Globex electronic trading platform during the interval (i) between 2:59:30 p.m. and 3:00:00 p.m., or (ii) in the case of an early scheduled close of the Primary Listing Exchange, between 11:59:30 a.m. and noon, or (iii) in the event of an unscheduled early close of the Primary Listing Exchange, the final thirty (30) seconds of the Primary Listing Exchange trading day ("Reference Interval").

**Tier 2**

If no such transaction occurs during the Reference Interval, then such Reference Price shall be based on the average of midpoints of bid/ask spreads for such futures quoted on CME Globex during the Reference Interval, provided that the Reference Price calculation shall exclude the midpoint value for any such bid/ask spread that is wider than 0.20 Index points (equal to two (2) minimum price increments).

**Tier 3**

If such Reference Price cannot be determined pursuant to Tier 1 or Tier 2, then the Exchange, in its sole discretion, shall set such Reference Price by alternative means which may include, but are not limited to, derivation by reference to the basis relationship between such futures contract's price and the Index, or application of Tier 1 and Tier 2 calculations to successive time intervals of increasing length, in integer multiples of thirty (30) seconds, until suitable price data are obtained.

The resultant Reference Price value shall be rounded down to the nearest integer multiple of 0.10 Index point. Such Reference Price, so rounded, shall be used for determination of the corresponding Price Limits.

For newly listed futures for a given delivery month, the Exchange shall set, in its sole discretion, a Reference Price value for the purpose of determining Price Limits for the first day of trading in such futures.

#### **1.b. Offsets for Price Limits**

For a given Business Day, the Exchange shall determine Offsets on the basis of the Index value ("I") at the close of trading on the Primary Listing Exchange (Rule 35900.B.) on the first preceding Business Day, as follows:

7% Offset = 7% of I (0.07 x I)

13% Offset = 13% of I (0.13 x I)

20% Offset = 20% of I (0.20 x I)

Each resultant Offset value shall be rounded down to the nearest integer multiple of 0.10 Index point. Each such Offset, so rounded, shall be used in determination of the corresponding Price Limits.

#### **2. Application of Price Limits from Start of Trading Day to 8:30 a.m.**

From the start of any Trading Day until 8:30 a.m., there shall be no trading in futures for a given delivery month at any price that is either strictly lower than or strictly higher than the range defined by the 7% Price Limits (Rule 36002.I.1.) applicable to such futures on such Trading Day.

Without limitation to the foregoing, the start of any Trading Day generally shall coincide with the start of the CME Globex trading session at 5:00 p.m. on the evening first preceding such Trading Day.

During this period of time, the contract shall also be subject to dynamic price fluctuation limits as set forth in Rule 589.D. and in the Special Price Fluctuation Limits and Daily Price Limits Table in the Interpretations & Special Notices Section of Chapter 5.

#### **3. Application of Price Limits and Trading Halts from 8:30 a.m. to 2:25 p.m.**

Except as provided in Rules 36002.I.3.a. and 35902.I.3.b., from 8:30 a.m. until and including 2:25 p.m., or from 8:30 a.m. until and including 11:25 a.m. in the case of an early scheduled close of the Primary Listing Exchange, futures for a given delivery month shall trade subject to the corresponding Price Limits (Rule 36002.I.1.), as follows:

There shall be no futures trading at any price strictly lower than the corresponding 7% Price Limit, unless the Primary Futures Contract Month becomes limit offered at its 7% Price Limit.

At such time as the Primary Futures Contract Month becomes limit offered at its 7% Price Limit, the Exchange shall initiate a 2-minute observation interval. At the conclusion of such observation interval:

If the Primary Futures Contract Month is not limit offered at its 7% Price Limit, futures trading shall continue subject to the corresponding 13% Price Limit.

If the Primary Futures Contract Month remains limit offered at its 7% Price Limit, futures trading shall halt for two (2) minutes, and shall then resume subject to the corresponding 13% Price Limit.

At such time as the Primary Futures Contract Month becomes limit offered at its 13% Price Limit, the Exchange shall initiate a 2-minute observation interval. At the conclusion of such observation interval:

If the Primary Futures Contract Month is not limit offered at its 13% Price Limit, futures trading shall continue subject to the corresponding 20% Price Limit.

If the Primary Futures Contract Month remains limit offered at its 13% Price Limit, futures trading shall halt for two (2) minutes, and shall then resume subject to the corresponding 20% Price Limit.

There shall be no futures trading at any price strictly lower than the corresponding 20% Price Limit.

#### **3.a. Regulatory Halts**

At such time as the Primary Listing Exchange may declare a Regulatory Halt (Rule 36000.C.) in response to a Level 1 (7%) Market Decline in the S&P 500 Index, futures trading shall halt. When trading resumes on the Primary Listing Exchange, futures trading shall resume subject to the corresponding 13% Price Limit.

At such time as the Primary Listing Exchange may declare a Regulatory Halt in response to a Level 2 (13%) Market Decline in the S&P 500 Index, futures trading shall halt. When trading resumes on the Primary Listing Exchange, futures trading shall resume subject to the corresponding 20% Price Limit.

At such time as the Primary Listing Exchange may declare a Regulatory Halt in response to a Level 3 (20%) Market Decline in the S&P 500 Index, futures trading shall halt for the remainder of the trading session.

### **3.b. Unscheduled Non-Regulatory Halts**

If an unscheduled trading halt that is not also a Regulatory Halt occurs on one or more Primary Listing Exchanges between 8:30 a.m. and 2:25 p.m., or between 8:30 a.m. and 11:25 a.m. in the case of an early scheduled close of the Primary Listing Exchange(s), then futures trading shall be subject to such trading halts or such price limits as the Exchange, in its sole discretion, may determine to be appropriate.

### **4. Application of Price Limits from 2:25 p.m. to 3:00 p.m.**

From 2:25 p.m. to 3:00 p.m., or from 11:25 a.m. to noon in the case of an early scheduled close on the Primary Listing Exchange, trading in futures for a given delivery month shall be subject only to the corresponding 20% Price Limit (Rule 36002.I.1.).

At such time as the Primary Listing Exchange may declare a Regulatory Halt in response to a Level 3 (20%) Market Decline in the S&P 500 Index, futures trading shall halt for the remainder of the trading session.

### **5. Application of Price Limits from 3:00 p.m. to Close of Trading Day**

From the close of trading on the Primary Listing Exchange at 3:00 p.m., or at noon in the case of an early scheduled close on the Primary Listing Exchange, until the close of the current Trading Day, trading in futures for a given delivery month shall be subject to an upper Price Limit equal to the corresponding Reference Price determined on the current Business Day (Rule 36002.I.1.a.) plus the 7% Offset determined on the current Business Day (Rule 36002.I.1.b.).

Trading in such futures also shall be subject to a lower Price Limit set as the corresponding Reference Price determined on the current Business Day minus the 7% Offset determined on the current Business Day, provided that such lower Price Limit shall be no lower than the 20% Price Limit (Rule 36002.I.1.) applicable to the current Trading Day.

During this period of time, the contract shall also be subject to dynamic price fluctuation limits as set forth in Rule 589.D. and in the Special Price Fluctuation Limits and Daily Price Limits Table in the Interpretations & Special Notices Section of Chapter 5.

Without limitation to the foregoing, the close of the current Trading Day generally shall coincide with the close of the CME Globex trading session on such Trading Day.

## **36003. SETTLEMENT PROCEDURES**

Delivery shall be by cash settlement.

### **36003.A. Final Settlement Price**

For a futures contract for a given delivery month, the Final Settlement Price shall be a special opening quotation of the Index. Such special opening quotation shall be determined on the third Friday of such delivery month and shall be based on the Nasdaq Official Opening Price ("NOOP") of each of the component stocks of the Index.

If the Index is not scheduled to be published on the third Friday of the contract delivery month, then such Final Settlement Price shall be scheduled for determination on the first preceding Business Day on which the Index is scheduled to be published.

If the Nasdaq Stock Market does not open on the day scheduled for determination of such Final Settlement Price, then the Final Settlement Price shall be a special opening quotation of the Index on the next following day on which the Nasdaq Stock Market is open for trading.

If a component stock of the Index does not trade on the day scheduled for determination of such Final Settlement Price, and the Nasdaq Stock Market is open for trading, then for the purpose of calculating such Final Settlement Price the price of such stock shall be its closing price on the first preceding Nasdaq Stock Market trading day, provided that the Exchange, in its sole discretion, may instruct that the price of such stock shall be the NOOP of such stock on the next following Nasdaq Stock Market trading day.

If an unscheduled Market Holiday is declared on the day of final settlement price determination, the

Final Settlement Price shall be the Official Index Closing Value published by the index publisher on the Business Day immediately preceding the original day of Final Settlement Price determination.

**36004. [RESERVED]**

**36005. [RESERVED]**

**36006. BASIS TRADE AT INDEX CLOSE (“BTIC”) TRANSACTIONS**

All BTIC transactions must be executed in accordance with the requirements of Rule 524.B.

**36006.A. BTIC Block Trade Requirements**

BTIC block trades must be executed in accordance with the requirements of Rule 526. For a BTIC or BTIC block trade executed on a given Trading Day on or before the scheduled close of the Primary Listing Exchange, the corresponding futures price shall be made by reference to the Index closing value for the current Trading Day. For a BTIC or BTIC block trade executed on a given Trading Day after the scheduled close of the Primary Listing Exchange, the corresponding futures price shall be made by reference to the Index closing value for the next Trading Day.

**36006.B. BTIC Price Assignment Procedures**

The price assignment procedures for BTIC transactions shall follow Rule 524.B.3.

**36006.C. BTIC Minimum Price Increments**

The valid basis or price increment applied to the Index closing value to establish the BTIC futures price must be stated in full tick increments of 0.05 index points.

**36006.D. Market Disruption Events**

In the event of a market disruption in the Primary Listing Exchange, all pending and executed BTIC transactions in the corresponding futures contract shall be cancelled by the Exchange. Such disruption shall be declared by the Exchange in its sole discretion, and may include, without limitation, an unscheduled early close of the Primary Listing Exchange or a NYSE Rule 7.12 trading halt declared in response to a Level 3 (20%) decline in the S&P 500 Index that necessitates an early close of the Primary Listing Exchange.

(End Chapter 360)

### **INTERPRETATIONS AND SPECIAL NOTICES RELATING TO CHAPTER 360**

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