<i>IMPORTANT</i> : Check box if Confidential Treatment is re- Registered Entity Identifier Code (optional): <u>15-064</u>	
Organization: <u>Chicago Mercantile Exchange Inc. ("CME")</u>	
Filing as a: DCM SEF DCO	SDR
Please note - only ONE choice allowed.	
Filing Date (mm/dd/yy): February 23, 2015 Filing Description	
Electronic Trading of NASDAQ 100 Index® Futures and C Standard and Poor's MidCap 400 Stock Price Index <sup>TM</sup> Futu	
SmallCap 600 Index <sup>TM</sup> Futures	in es, and Standard and 10
SPECIFY FILING TYPE	
Please note only ONE choice allowed per Submission.	
Organization Rules and Rule Amendments	
Certification	§ 40.6(a)
Approval	§ 40.5(a)
Notification	§ 40.6(d)
Advance Notice of SIDCO Rule Change	§ 40.10(a)
SIDCO Emergency Rule Change	§ 40.10(h)
Rule Numbers:	,
New Product Please note only ONE product	-
Certification	§ 40.2(a)
Certification Security Futures	§ 41.23(a)
Certification Swap Class	§ 40.2(d)
Approval	§ 40.3(a)
Approval Security Futures	§ 41.23(b)
Novel Derivative Product Notification	§ 40.12(a)
Swap Submission Official Product Name:	§ 39.5
Product Terms and Conditions (product related Rules and	Rule Amendments)
Certification	§ 40.6(a)
Certification Made Available to Trade Determination	§ 40.6(a)
Certification Security Futures	§ 41.24(a)
Delisting (No Open Interest)	§ 40.6(a)
Approval	§ 40.5(a)
Approval Made Available to Trade Determination	§ 40.5(a)
Approval Security Futures	§ 41.24(c)
Approval Amendments to enumerated agricultural products	
"Non-Material Agricultural Rule Change"	§ 40.4(b)(5)
Notification	§ 40.6(d)



February 23, 2015

## 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 the Discontinuation of Electronic Trading of NASDAQ 100 Index<sup>®</sup> Futures and Companion Option Contracts, Standard and Poor's MidCap 400 Stock Price Index<sup>™</sup> Futures, and Standard and Poor's SmallCap 600 Index<sup>™</sup> Futures. CME Submission No. 15-064

Dear Mr. Kirkpatrick:

Chicago Mercantile Exchange Inc. ("CME" or "Exchange") hereby notifies the Commodity Futures Trading Commission ("CFTC" or "Commission") that it is self-certifying that trading on the CME Globex electronic trading platform ("Globex") will be discontinued, effective on Wednesday, March 11, 2015, for trade date Thursday, March 12, 2015, in the products listed in Exhibit 1 below. (Pursuant to CME Submission No. 15-062, dated February 4, 2015, the Exchange has delisted certain previously listed futures delivery months and option expiration months in all products listed in Exhibit 1 below, and has notified the Commission regarding the final futures delivery months and option expiration months to be scheduled for listing.)

The Exchange also is self-certifying amendments to terms and conditions for all futures products listed in Exhibits 1 below. Such rule amendments shall become effective on Wednesday, March 11, 2015 for trade date Thursday, March 12, 2015.

Such rule amendments serve three purposes. One is to establish for each futures product subject to this submission that, as of March 12, 2015, termination of trading in an expiring futures contract shall coincide with the close of open outcry trading in such contract on the Exchange business day first preceding the Exchange business day scheduled for determination of such contract's final settlement price.

For Standard and Poor's Small Cap 600 Stock Price Index futures, trading in expiring contracts is currently specified to terminate with the halt of Globex trading on the morning of the business day scheduled for final settlement price determination (CME Rule 38002.G.).

For the other two futures products to which this submission applies, rules currently specify that trading in expiring futures will cease on the business day preceding the business day scheduled for contract final settlement. However, current rules for NASDAQ 100 Index futures indicate only that such trading will "terminate at the close of trading" (CME Rule 35702.G.), while current rules for Standard and Poor's MidCap 400 Stock Price Index futures specify no particular hour of day (CME Rule 35302.G.).

# <u>Exhibit 1</u> CME Futures and Option Products Tradable in Open Outcry Only, Effective for Trade Date Thursday, March 12, 2015, Until Delisting\*

Contract Name	Globex and Clearing Codes	CME Rulebook Chapter
NASDAQ 100 Index Futures	ND	357
Options on NASDAQ 100 Index Futures		357A
March-Quarterly Options	ND	
Serial Options	ND	
Weekly Options – Week 1	DN1	
Weekly Options – Week 2	DN2	
Weekly Options – Week 4	DN4	
End-of-Month Options	DNE	
Standard and Poor's MidCap 400 Stock Price Index Futures	MD	353
Standard and Poor's SmallCap 600 Index Futures	SMP	380

\* See CME Submission 15-062, February 4, 2015, which certifies that, for each product listed in the left-hand column of Exhibit 1, June 2015 shall be the final futures delivery month and final option expiration month to be listed for trading.

The second purpose is to remove contract terms and conditions for each such futures product that pertain to price limits and coordinated market-wide trading halts applicable to times of day other than open outcry trading hours. Currently, all futures products listed in Exhibit 1 are governed by the following trading schedule for regular business days (where all times of day are Chicago time):

5:00pm previous day to 8:15am	CME Globex only
8:30am to 3:15pm	Open outcry only
3:30pm to 4:15pm	CME Globex only

At such time as the futures products subject to this submission become tradable only in open outcry, all terms and conditions pertaining to price limits and regulatory trading halts during times of day other than open outcry trading hours will become extraneous. Accordingly, amendments to CME Rules 35302.I., 35702.I., and 38002.I. certified herein remove such extraneous language.

The third purpose is to amend CME Rule 588.H. for Globex Non-Reviewable Trading Ranges so as to expunge references to all products that are subject to this submission.

All rule amendments certified herein are set forth in the attachments hereto, as follows:

Attachment 1 – CME Chapter 353, Standard and Poor's MidCap 400 Stock Price Index Futures Attachment 2 – CME Chapter 357, NASDAQ 100 Index Futures Attachment 3 – CME Chapter 380, Standard and Poor's SmallCap 600 Stock Price Index Futures Attachment 4 – CME Rule 588.H. for Globex Non-Reviewable Trading Ranges

Subject to the actions certified herein, all such futures and option products subject to this submission will remain tradable in open outcry on the CME trading floor. Parties to privately negotiated block trades in such contracts, moreover, will remain able to notify the Exchange of such block trades through CME ClearPort.

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The Exchange has reviewed the core principles for designated contract markets ("Core Principles") set forth in the Commodity Exchange Act ("CEA" or "Act") and has identified that the following Core Principles may apply to this action, as follows:

#### Core Principle 7 – Availability of General Information

The Exchange shall make publicly available the details of this action in a Special Executive Report to the marketplace, which will be posted on the Exchange's website.

### Core Principle 9 – Execution of Transactions

Contracts subject to this action shall remain listed for trading in open outcry, which provides for competitive and open execution of transactions.

Pursuant to Section 5c(c) of the Act and CFTC Regulation 40.6(a), the Exchange hereby certifies that this action 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 <a href="http://www.cmegroup.com/market-regulation/rule-filings.html">http://www.cmegroup.com/market-regulation/rule-filings.html</a>.

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

Sincerely,

/s/ Christopher Bowen Managing Director and Chief Regulatory Counsel

Attachments: Attachment 1 – Amendments to CME Chapter 353 (blackline and clean) Attachment 2 – Amendments to CME Chapter 357 (blackline and clean) Attachment 3 – Amendments to CME Chapter 380 (blackline and clean) Attachment 4 – Amendments to CME Rule 588.H. (blackline)

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# Amendments to CME Chapter 353 – Standard and Poor's MidCap 400 Stock Price Index Futures

(Additions are underlined. Deletions are struck through.)

#### 35302.G. Termination of Trading

Futures trading shall terminate <u>at the close of open outcry trading</u> on the Business Day immediately preceding the day of determination of the Final Settlement Price.

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#### 35302.I. Price Limits and Trading Halts

The primary S&P MidCap 400 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in S&P MidCap 400 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P MidCap 400 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in S&P MidCap 400 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in S&P MidCap 400 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini S&P MidCap 400 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini S&P MidCap 400 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.20 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.10 without remainder, then the Reference Price shall be rounded down to the closest 0.10 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the S&P MidCap 400 Index available ten (10) minutes after the close of the primary securities market ("I").

5% Offset	Equals	-5% of I, or (0.05 x I) rounded down to the nearest 0.10 point increment
7% Offset	•	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.10 point increment
13% Offset		13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.10 point increment
20% Offset	•	20% of I or $(0.20 \times I)$ , rounded down to the nearest 0.10 point increment

The daily Price Limits for S&P MidCap 400 Index futures shall be calculated as follows:

5% Price LimitsequalsP plus 5% Offset, and P minus 5% Offset7% Price LimitequalsP minus 7% Offset13% Price LimitequalsP minus 13% Offset20% Price LimitequalsP minus 20% Offset

**Exchange Price Limits from 5:00 p.m. to 8:30 a.m.**: From the start of the new Trading Day at 5:00 p.m. until the suspension of trading at 8:15 a.m., there shall be Price Limits for S&P MidCap 400 Index futures corresponding to a 5% increase above and a 5% decrease below the previous Trading Day's Reference Price. During this time period, there shall be no trading of S&P MidCap 400 Index futures at a price more than the 5% Price Limit above, or less than the 5% Price Limit below, the previous Trading Day's Reference Price.

If the primary E-mini S&P MidCap 400 Index futures contract is limit bid or limit offered at 8:15 a.m. and remains limit bid or limit offered at 8:25 a.m., then there shall be a trading halt in effect for the E-mini S&P MidCap 400 Index futures contract until 8:30 a.m. During the trading halt, the Exchange shall provide an indicative opening for the reopening of trading in the E-mini S&P MidCap 400 Index futures contract trading on Globex pursuant to Rule 573.

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in S&P MidCap 400 Index futures contracts shall likewise become inapplicable.

When the primary E-mini S&P MidCap 400 Index futures contract is limit offered at the 7.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini S&P MidCap 400 Index futures contract is limit offered at the 13.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in S&P MidCap 400 Index-Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

**Exchange Price Limits from 2:25 p.m. to 3:00 p.m.**: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

**Exchange Price Limits from 3:00 p.m. to 4:15 p.m.**: From the close of the primary securities market at 3:00 p.m. until the end of the current Trading Day at 4:15 p.m., there shall be a Price Limit corresponding to a 5% increase above the current Trading Day's Reference Price. There shall also be a Price Limit corresponding to either a 5% decline below the current Trading Day's Reference Price or the current Trading Day's 20% Price Limit, whichever is nearer to the current Trading Day's Reference Price.

# Amendments to CME Chapter 353 – Standard and Poor's MidCap 400 Stock Price Index Futures

(Clean)

#### 35302.G. Termination of Trading

Futures trading shall terminate at the close of open outcry trading on the Business Day immediately preceding the day of determination of the Final Settlement Price.

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#### 35302.I. Price Limits and Trading Halts

The primary S&P MidCap 400 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in S&P MidCap 400 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P MidCap 400 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in S&P MidCap 400 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in S&P MidCap 400 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini S&P MidCap 400 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini S&P MidCap 400 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.20 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.10 without remainder, then the Reference Price shall be rounded down to the closest 0.10 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the S&P MidCap 400 Index available ten (10) minutes after the close of the primary securities market ("I").

7% Offset	Equals	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.10 point increment
13% Offset	Equals	13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.10 point increment
20% Offset	Equals	20% of I or (0.20 $\times$ I), rounded down to the nearest 0.10 point increment

The daily Price Limits for S&P MidCap 400 Index futures shall be calculated as follows:

7% Price Limit	equals	P minus 7% Offset
13% Price Limit	equals	P minus 13% Offset
20% Price Limit	equals	P minus 20% Offset

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in S&P MidCap 400 Index futures contracts shall likewise become inapplicable.

When the primary E-mini S&P MidCap 400 Index futures contract is limit offered at the 7.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini S&P MidCap 400 Index futures contract is limit offered at the 13.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in S&P MidCap 400 Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

Exchange Price Limits from 2:25 p.m. to 3:00 p.m.: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

# Amendments to CME Chapter 357 – NASDAQ 100 Index Futures

(Additions are underlined. Deletions are struck through.)

#### 35702.G. Termination of Trading

Futures trading shall terminate at the close of <u>open outcry</u> trading on the Business Day immediately preceding the day of determination of the Final Settlement Price.

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#### 35702.I. Price Limits and Trading Halts

The primary Nasdaq 100 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in Nasdaq 100 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the Nasdaq 100 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in Nasdaq 100 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in Nasdaq 100 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini Nasdaq 100 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini Nasdaq 100 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.50 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.25 without remainder, then the Reference Price shall be rounded down to the closest 0.25 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the Nasdaq 100 Index available ten (10) minutes after the close of the primary securities market ("I").

5% Offset	Fauals	-5% of I, or (0.05 x I) rounded down to the nearest 0.25 point increment
	•	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.25 point increment
13% Offset	Equais	13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.25 point increment
20% Offset	Equals	20% of I or $(0.20 \times I)$ , rounded down to the nearest 0.25 point increment

The daily Price Limits for Nasdaq 100 Index futures shall be calculated as follows:

5% Price LimitsequalsP plus 5% Offset, and P minus 5% Offset7% Price LimitequalsP minus 7% Offset13% Price LimitequalsP minus 13% Offset20% Price LimitequalsP minus 20% Offset

**Exchange Price Limits from 5:00 p.m. to 8:30 a.m.**: From the start of the new Trading Day at 5:00 p.m. until the suspension of trading at 8:15 a.m., there shall be Price Limits for Nasdaq 100 Index futures corresponding to a 5% increase above and a 5% decrease below the previous Trading Day's Reference Price. During this time period, there shall be no trading of Nasdaq 100 Index futures at a price more than the 5% Price Limit above, or less than the 5% Price Limit below, the previous Trading Day's Reference Price.

If the primary E-mini Nasdaq 100 Index futures contract is limit bid or limit offered at 8:15 a.m. and remains limit bid or limit offered at 8:25 a.m., then there shall be a trading halt in effect for the E-mini Nasdaq 100 Index futures contract until 8:30 a.m. During the trading halt, the Exchange shall provide an indicative opening for the re-opening of trading in the E-mini Nasdaq 100 Index futures contract trading on Globex pursuant to Rule 573.

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in Nasdaq 100 Index futures contracts shall likewise become inapplicable.

When the primary E-mini Nasdaq 100 Index futures contract is limit offered at the 7.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini Nasdaq 100 Index futures contract is limit offered at the 13.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in Nasdaq 100 Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

**Exchange Price Limits from 2:25 p.m. to 3:00 p.m.**: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

**Exchange Price Limits from 3:00 p.m. to 4:15 p.m.**: From the close of the primary securities market at 3:00 p.m. until the end of the current Trading Day at 4:15 p.m., there shall be a Price Limit corresponding to a 5% increase above the current Trading Day's Reference Price. There shall also be a Price Limit corresponding to either a 5% decline below the current Trading Day's Reference Price or the current Trading Day's 20% Price Limit, whichever is nearer to the current Trading Day's Reference Price.

# Amendments to CME Chapter 357 – NASDAQ 100 Index Futures

(Clean)

#### 35702.G. Termination of Trading

Futures trading shall terminate at the close of open outcry trading on the Business Day immediately preceding the day of determination of the Final Settlement Price.

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#### 35702.I. Price Limits and Trading Halts

The primary Nasdaq 100 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in Nasdaq 100 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the Nasdaq 100 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in Nasdaq 100 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in Nasdaq 100 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini Nasdaq 100 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini Nasdaq 100 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.50 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.25 without remainder, then the Reference Price shall be rounded down to the closest 0.25 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the Nasdaq 100 Index available ten (10) minutes after the close of the primary securities market ("I").

7% Offset	Equals	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.25 point increment
13% Offset	Equals	13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.25 point increment
20% Offset	Equals	20% of I or (0.20 $\times$ I), rounded down to the nearest 0.25 point increment

The daily Price Limits for Nasdaq 100 Index futures shall be calculated as follows:

7% Price Limit	equals	P minus 7% Offset
13% Price Limit	equals	P minus 13% Offset
20% Price Limit	equals	P minus 20% Offset

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in Nasdaq 100 Index futures contracts shall likewise become inapplicable.

When the primary E-mini Nasdaq 100 Index futures contract is limit offered at the 7.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini Nasdaq 100 Index futures contract is limit offered at the 13.0% Price Limit, a 10-minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in Nasdaq 100 Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

**Exchange Price Limits from 2:25 p.m. to 3:00 p.m.**: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

# Amendments to CME Chapter 380 – Standard and Poor's Small Cap 600 Stock Price Index Futures

(Additions are underlined. Deletions are struck through.)

#### 38002.G. Termination of Trading

Futures trading shall terminate at the regularly scheduled start of trading at the NYSE close of open outcry trading on the Business Day immediately preceding the day scheduled for the determination of the Final Settlement Price.

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#### 38002.I. Price Limits and Trading Halts

The primary S&P SmallCap 600 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in S&P SmallCap 600 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P SmallCap 600 Index futures contract shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P SmallCap 600 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in S&P SmallCap 600 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in S&P SmallCap 600 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini S&P SmallCap 600 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini S&P SmallCap 600 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.20 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.10 without remainder, then the Reference Price shall be rounded down to the closest 0.10 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the S&P SmallCap 600 Index available ten (10) minutes after the close of the primary securities market ("I").

5% Offset	Equals	-5% of I, or (0.05 x I) rounded down to the nearest 0.10 point increment
7% Offset	•	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.10 point increment
13% Offset		13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.10 point increment
20% Offset	•	20% of I or $(0.20 \times I)$ , rounded down to the nearest 0.10 point increment

The daily Price Limits for S&P SmallCap 600 Index futures shall be calculated as follows:

5% Price LimitsequalsP plus 5% Offset, and P minus 5% Offset7% Price LimitequalsP minus 7% Offset13% Price LimitequalsP minus 13% Offset20% Price LimitequalsP minus 20% Offset

**Exchange Price Limits from 5:00 p.m. to 8:30 a.m.**: From the start of the new Trading Day at 5:00 p.m. until the suspension of trading at 8:15 a.m., there shall be Price Limits for S&P SmallCap 600 Index futures corresponding to a 5% increase above and a 5% decrease below the previous Trading Day's Reference Price. During this time period, there shall be no trading of S&P SmallCap 600 Index futures at a price more than the 5% Price Limit above, or less than the 5% Price Limit below, the previous Trading Day's Reference Price.

If the primary E-mini S&P SmallCap 600 Index futures contract is limit bid or limit offered at 8:15 a.m. and remains limit bid or limit offered at 8:25 a.m., then there shall be a trading halt in effect for the E-mini S&P SmallCap 600 Index futures contract until 8:30 a.m. During the trading halt, the Exchange shall provide an indicative opening for the reopening of trading in the E-mini S&P SmallCap 600 Index futures contract trading on Globex pursuant to Rule 573.

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in S&P SmallCap 600 Index futures contracts shall likewise become inapplicable.

When the primary E-mini S&P SmallCap 600 Index futures contract is limit offered at the 7.0% Price Limit, a 10minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini S&P SmallCap 600 Index futures contract is limit offered at the 13.0% Price Limit, a 10minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in S&P SmallCap 600 Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

**Exchange Price Limits from 2:25 p.m. to 3:00 p.m.**: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

**Exchange Price Limits from 3:00 p.m. to 4:15 p.m.**: From the close of the primary securities market at 3:00 p.m. until the end of the current Trading Day at 4:15 p.m., there shall be a Price Limit corresponding to a 5% increase above the current Trading Day's Reference Price. There shall also be a Price Limit corresponding to either a 5% decline below the current Trading Day's Reference Price or the current Trading Day's 20% Price Limit, whichever is nearer to the current Trading Day's Reference Price.

# Amendments to CME Chapter 380 – Standard and Poor's Small Cap 600 Stock Price Index Futures

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#### 38002.G. Termination of Trading

Futures trading shall terminate at the close of open outcry trading on the Business Day immediately preceding the day scheduled for the determination of the Final Settlement Price.

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#### 38002.I. Price Limits and Trading Halts

The primary S&P SmallCap 600 Index futures contract expiration month, as referenced in this rule, shall be determined by the Exchange. The Exchange shall also determine when the primary futures contract month is limit bid or limit offered. All times referenced in this rule are in Central Time.

**Coordinated Market-Wide Trading Halts**: If a NYSE Rule 80B trading halt is declared in the primary securities market as the result of a Level 1 (7%), Level 2 (13%) or Level 3 (20%) decline in the S&P 500 Index, then trading in S&P SmallCap 600 Index futures contracts shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P SmallCap 600 Index futures contract shall be halted. When trading in the primary securities market resumes after a NYSE Rule 80B trading halt, trading on the S&P SmallCap 600 Index futures contract shall resume. At or after 2:25 p.m., the Level 1 (7%) and Level 2 (13%) trading halts in the primary securities market are not applicable. Following the declaration of a Level 3 (20%) trading halt in the primary securities market, there shall be no trading in S&P SmallCap 600 Index futures until trading resumes on the primary securities market on the next Trading Day.

**Reference Price for Exchange Price Limits and Exchange Trading Halts**: Daily price limits in S&P SmallCap 600 Index futures will be established relative to the contract rounded Reference Price ("P") which shall be determined by the Exchange as follows:

- Tier 1 The Reference Price shall be equal to the volume-weighted average price of transactions in the E-mini S&P SmallCap 600 Index futures contract executed on Globex from 2:59:30 to 3:00:00 p.m.
- Tier 2 If no transactions occur from 2:59:30 to 3:00:00 p.m., the Reference Price shall be the average of the midpoints of each bid/ask spread in the E-mini S&P SmallCap 600 Index futures contract during that thirty (30) second interval; however, bid/ask spread pairs wider than two (2) ticks (0.20 index points), shall not be included in the calculation to determine the Reference Price.
- Tier 3 If the Reference Price cannot be determined pursuant to Tiers 1 and 2 above, designated Exchange staff shall consider any other information deemed relevant to determine the Reference Price. Alternatives upon which Exchange staff may determine the Reference Price include, but are not limited to, the following: (1) deriving the Reference Price based on the basis relationship to the underlying cash index level; or (2) deriving the Reference Price by repeating Tier 1 or Tier 2 calculations at increasing thirty (30) second increment intervals until data is obtained.

If the Reference Price is not divisible by 0.10 without remainder, then the Reference Price shall be rounded down to the closest 0.10 point increment. The rounded Reference Price ("P") shall be used to determine Price Limits.

In the event of an early close of the primary securities market, the Reference Price shall be determined based upon the time period that corresponds to the last thirty (30) seconds of the primary securities market trading day.

For a newly listed contract expiration month, there will be an implied Reference Price created by the Exchange for the sole purpose of establishing the Price Limits for the first day of trading.

**Exchange Price Limit Levels**: The Price Limits shall be calculated daily based upon the rounded Reference Price, P, and the value of the S&P SmallCap 600 Index available ten (10) minutes after the close of the primary securities market ("I").

7% Offset	Equals	7% of I or $(0.07 \times I)$ rounded down to the nearest 0.10 point increment
13% Offset	Equals	13% of I or $(0.13 \times I)$ , rounded down to the nearest 0.10 point increment
20% Offset	Equals	20% of I or (0.20 $\times$ I), rounded down to the nearest 0.10 point increment

The daily Price Limits for S&P SmallCap 600 Index futures shall be calculated as follows:

7% Price Limit	equals	P minus 7% Offset
13% Price Limit	equals	P minus 13% Offset
20% Price Limit	equals	P minus 20% Offset

**Exchange Price Limits from 8:30 a.m. to 2:25 p.m.**: From 8:30 a.m. up to and including 2:25 p.m., there shall be successive Price Limits corresponding to 7%, 13% and 20% declines below the previous Trading Day's Reference Price. However, if a NYSE Rule 80B trading halt becomes inapplicable, then the corresponding Price Limit in S&P SmallCap 600 Index futures contracts shall likewise become inapplicable.

When the primary E-mini S&P SmallCap 600 Index futures contract is limit offered at the 7.0% Price Limit, a 10minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 13.0% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 13.0% price limit shall apply to such reopening.

When the primary E-mini S&P SmallCap 600 Index futures contract is limit offered at the 13.0% Price Limit, a 10minute period shall commence. If the primary futures contract is not limit offered at the end of the 10-minute period, trading will continue with the 20% Price Limit in effect. If the primary futures contract is limit offered at the end of the 10-minute period, trading shall terminate for a period of two minutes, after which time the market shall reopen. The 20% Price Limit shall apply to such reopening. The 20% Price Limit shall represent the Total Daily Price Limit. Following a Level 3 market-wide (20%) trading halt, trading in S&P SmallCap 600 Index futures shall remain halted until the open of the primary securities market on the following Trading Day.

Exchange Price Limits from 2:25 p.m. to 3:00 p.m.: From 2:25 p.m. until the 3:00 p.m. close of the primary securities market, only the 20% Price Limit shall apply.

# Amendments to CME Chapter 5 – Rule 588.H. (Globex Non-Reviewable Trading Ranges)

Instrument	Non-Reviewable Range (NRR) in Globex format	NRR including Unit of Measure	NRR Ticks
NASDAQ-100® Futures	<del>1200</del>	12 index points	4 <del>8</del>
S&P MidCap 400 Futures	<del>400</del>	4 index points	<del>80</del>
Standard and Poor's SmallCap 600 Index™ Futures	<del>400</del>	4 index points	<del>80</del>

Instrument	Bid/Ask Reasonability	Non-Reviewable Range (NRR)
NASDAQ 100 Options	The greater of the delta times the underlying futures' non-reviewable range or 20% of the fair value premium up to the underlying futures' non- reviewable range with a minimum reasonability of 1.00 (one) index points	20% of premium up to ¼ of the underlying futures non-reviewable range with a minimum of 1 tick.
NASDAQ 100 End- of-Month Options	The greater of the delta times the underlying futures' non-reviewable range or 20% of the fair value premium up to the underlying futures' non- reviewable range with a minimum reasonability of 1.00 (one) index points	20% of premium up to ¼ of the underlying futures non-reviewable range with a minimum of 1 tick.
NASDAQ 100 Weekly Options	The greater of the delta times the underlying futures' non-reviewable range or 20% of the fair value premium up to the underlying futures' non- reviewable range with a minimum reasonability of 1.00 (one) index points	20% of premium up to ¼ of the underlying futures non-reviewable range with a minimum of 1 tick.