New text is underlined; deleted text is in brackets.

Nasdaq PHLX Rules

[Rule 1033A. Meaning of Premium Bids and Offers
Bids and offers shall be expressed in terms of dollars and decimal equivalents of dollars per unit
of the index (e.g., a bid of 85.50 would represent a bid of $85.50 per unit).]

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Rule 1101A. Terms of Option Contracts

(a) General.

(1) Meaning of Premium Bids and Offers. Bids and offers shall be expressed in terms of
dollars and decimal equivalents of dollars per unit of the index (e.g., a bid of 85.50 would
represent a bid of $85.50 per unit).

(2) Exercise Prices. The Exchange shall determine fixed point intervals of exercise prices for
index options (options on indexes). Generally, except as provided in Commentary .04 below,
the exercise (strike) price intervals will be no less than $5, provided that the Exchange may
determine to list strike prices at no less than $2.50 intervals for options on the following
indexes (which may also be known as sector indexes):

(i) - (lxxx) No change.

(3) Strike Prices. The Exchange may also determine to list strike prices at no less than $2.50
intervals for options on indexes delineated in this rule in response to demonstrated customer
interest or specialist request. For purposes of this paragraph, demonstrated customer interest
includes institutional (firm) corporate or customer interest expressed directly to the Exchange
or through the customer's floor brokerage unit, but not interest expressed by an ROT with
respect to trading for the ROT's own account.

(A) Notwithstanding any other provision regarding strike prices in this Rule 1101A, non-
Short Term Options that are on an index class that has been selected to participate in the
Short Term Option Series Program (referred to as a “Related non-Short Term Option
series”) shall be opened during the month prior to expiration of such Related non-Short
Term Option series in the same manner as permitted in this Rule 1101A(b)([vi]4) and in
the same strike price intervals that are permitted in this Rule 1101A(b)([vi]4).

(4) Expiration Months and Weeks. Index options contracts may expire at three (3)-month
intervals or in consecutive weeks or months. The Exchange may list: (i) up to six (6) standard
monthly expirations at any one time in a class, but will not list index options that expire more
than twelve (12) months out; (ii) up to 12 standard monthly expirations at any one time for any
class that the Exchange (as the Reporting Authority) uses to calculate a volatility index; and
(iii) up to 12 standard (monthly) expirations in NDX options.

(b) After a particular class of stock index options has been approved for listing and trading on the Exchange, the Exchange shall from time to time open for trading series of options therein. Within each approved class of stock index options, the Exchange shall open for trading a minimum of one expiration month and series for each class of approved stock index options and may also open for trading series of options having not less than nine and up to 60 months to expiration (long-term options series) as provided in subparagraph (b)([iii]2). Prior to the opening of trading in any series of stock index options, the Exchange shall fix the expiration month and exercise price of option contracts included in each such series.

([i]1) Additional series of stock index options of the same class may be opened for trading on the Exchange when the Exchange deems it necessary to maintain an orderly market, to meet customer demand or when the market price of the underlying index moves more than five strike prices from the initial exercise price or prices. The opening of a new series of options shall not affect the series of options of the same class previously opened. New series of options on an index may be added until the beginning of the month in which the options contract will expire. Due to unusual market conditions, the Exchange, in its discretion, may add a new series of options on indexes until the fourth business day prior to the business day of expiration, or, in the case of an index option contract expiring on a day that is not a business day, up to the fifth business day prior to expiration.

[(ii) Reserved.]

([iii]2) Long-term Option Series

The Exchange may list, with respect to any class of stock index options, series of options having not less than nine and up to 60 months to expiration, adding up to ten expiration months. Such series of options may be opened for trading simultaneously with series of options trading pursuant to this rule. Strike price interval, bid/ask differential and continuity rules shall not apply to such options series until the time to expiration is less than nine months.

[(iv) Reserved.]

([v]3) Quarterly Options Series Program

The Exchange may list and trade options series that expire at the close of business on the last business day of a calendar quarter ("Quarterly Options Series"). The Exchange may list Quarterly Options Series for up to five (5) currently listed options classes that are either Index Options or options on Exchange Traded Funds. In addition, the Exchange may also list Quarterly Options Series on any options classes that are selected by other securities exchanges that employ a similar program under their respective rules.

(A) The Exchange may list series that expire at the end of the next consecutive four (4) calendar quarters as well as the fourth quarter of the next calendar year.
[(B) Reserved.]

([C]B) Quarterly Options Series shall be P.M. settled.

([D][C]) The strike price of each Quarterly Options Series will be fixed at a price per share, with at least two, but not more than five, strike prices above and two, but not more than five, strike prices below the value of the underlying security at about the time that a Quarterly Options Series is opened for trading on the Exchange. The Exchange may open for trading additional Quarterly Options Series of the same class if the Exchange deems it necessary to maintain an orderly market, to meet customer demand or the current index value of the underlying index moves substantially from the exercise price of those Quarterly Options Series that already have been opened for trading on the Exchange. The exercise price of each Quarterly Options Series opened for trading on the Exchange shall be reasonably related to the current index value of the underlying index to which such series relates at or about the time such series of options is first opened for trading on the Exchange. The term "reasonably related to the current index value of the underlying index" means that the exercise price is within thirty percent (30%) of the current index value. The Exchange may also open for trading additional Quarterly Options Series that are more than thirty percent (30%) away from the current index value, provided that demonstrated customer interest exists for such series, as expressed by institutional, corporate, or individual customers or their brokers. Market-makers trading for their own account shall not be considered when determining customer interest under this provision. The Exchange may open additional strike prices of a Quarterly Options Series that are above the value of the underlying index provided that the total number of strike prices above the value of the underlying index is no greater than five. The Exchange may open additional strike prices of a Quarterly Options Series that are below the value of the underlying index provided that the total number of strike prices below the value of the underlying index is no greater than five. The opening of any new Quarterly Options Series shall not affect the series of options of the same class previously opened.

([E][d]) The interval between strike prices on Quarterly Options Series shall be the same as the interval for strike prices for series in that same options class that expire in accordance with the normal monthly expiration cycle.

([vi][4] Short Term Option Series Program

After an index option class has been approved for listing and trading on the Exchange, the Exchange may open for trading on any Thursday or Friday that is a business day (“Short Term Option Opening Date”) series of options on that class that expire at the close of business on each of the next five consecutive Fridays that are business days (“Short Term Option Expiration Date”). If the Exchange is not open for business on the respective Thursday or Friday, the Short Term Option Opening Date will be the first business day immediately prior to that respective Thursday or Friday. Similarly, if the Exchange is not open for business on the Friday of the following business week, the Short Term Option Expiration Date will be the first business day immediately prior to that Friday. Regarding Short Term Option Series:
(A) The Exchange may select up to thirty (30) currently listed option classes on which Short Term Option Series may be opened on any Short Term Option Opening Date. In addition to the thirty-option class restriction, the Exchange also may list Short Term Option Series on any option classes that are selected by other securities exchanges that employ a similar program under their respective rules. For each index option class eligible for participation in the Short Term Option Series Program, the Exchange may open up to twenty (20) Short Term Option Series on index options for each expiration date in that class. The Exchange may also open Short Term Option Series that are opened by other securities exchanges in option classes selected by such exchanges under their respective short term option rules.

(B) No Short Term Option Series on an index option class may expire in the same week during which any monthly option series on the same index class expire or, in the case of Quarterly Options Series, on an expiration that coincides with an expiration of Quarterly Option Series on the same index class.

(C) The strike price of each Short Term Option Series will be fixed at a price per share, with approximately the same number of strike prices being opened above and below the calculated value of the underlying index at about the time that the Short Term Option Series are initially opened for trading on the Exchange (e.g., if seven (7) series are initially opened, there will be at least three (3) strike prices above and three (3) strike prices below the value of the underlying security or calculated index value). Any strike prices listed by the Exchange shall be within thirty percent (30%) above or below the current value of the underlying index.

(D) If the Exchange has opened less than twenty (20) Short Term Option Series for a Short Term Option Expiration Date, additional series may be opened for trading on the Exchange when the Exchange deems it necessary to maintain an orderly market, to meet customer demand or when the current value of the underlying index moves substantially from the exercise price or prices of the series already opened.

Any additional strike prices listed by the Exchange shall be within thirty percent (30%) above or below the current value of the underlying index. The Exchange may also open additional strike prices of Short Term Option Series that are more than 30% above or below the current value of the underlying index provided that demonstrated customer interest exists for such series, as expressed by institutional, corporate or individual customers or their brokers. Market[-]Makers trading for their own account shall not be considered when determining customer interest under this provision. In the event that the underlying security has moved such that there are no series that are at least 10% above or below the current price of the underlying security, the Exchange will delist any series with no open interest in both the call and the put series having at least 10% but not more than 30% above or below the current price of the underlying security. In the event that the underlying security has moved such that there are no series that are at least 10% above or below the current price of the underlying security and all existing series have open interest, the Exchange may
list additional series, in excess of the 30 allowed under Rule 1101A(b)([vi]4), that are between 10% and 30% above or below the price of the underlying security. The opening of the new Short Term Option Series shall not affect the series of options of the same class previously opened.

(E) The interval between strike prices on Short Term Option Series may be (1) $0.50 or greater where the strike price is less than $75, and $1 or greater where the strike price is between $75 and $150 for all index classes that participate in the Short Term Option Series Program; or (2) $0.50 for index classes that trade in one dollar increments in Related non-Short Term Options and that participate in the Short Term Option Series Program. Related non-Short Term Option series shall be opened during the month prior to expiration of such Related non-Short Term Option series in the same manner as permitted in Rule 1101A(b)([vi]4) and in the same strike price intervals that are permitted in this Rule 1101A(b)([vi]4).

([vii]5) Nonstandard Expirations Pilot Program

(1)A) Weekly Expirations. The Exchange may open for trading Weekly Expirations on any broad-based index eligible for standard options trading to expire on any Monday, Wednesday, or Friday (other than the third Friday-of-the-month or days that coincide with an EOM expiration). Weekly Expirations shall be subject to all provisions of this Rule and treated the same as options on the same underlying index that expire on the third Friday of the expiration month; provided, however, that Weekly Expirations shall be P.M.-settled and new series in Weekly Expirations may be added up to and including on the expiration date for an expiring Weekly Expiration.

The maximum number of expirations that may be listed for each Weekly Expiration (i.e., a Monday expiration, Wednesday expiration, or Friday expiration, as applicable) in a given class is the same as the maximum number of expirations permitted for standard index options in Rule 1101A(a)(4) on the same broad-based index. Weekly Expirations need not be for consecutive Monday, Wednesday, or Friday expirations as applicable; however, the expiration date of a non-consecutive expiration may not be beyond what would be considered the last expiration date if the maximum number of expirations were listed consecutively. Weekly Expirations that are initially listed in a given class may expire up to four weeks from the actual listing date. If the last trading day of a month is a Monday, Wednesday, or Friday and the Exchange lists EOMs and Weekly Expirations as applicable in a given class, the Exchange will list an EOM instead of a Weekly Expiration in the given class. Other expirations in the same class are not counted as part of the maximum number of Weekly Expirations for a broad-based index class. If the Exchange is not open for business on a respective Monday, normally Monday expiring Weekly Expirations will expire on the following business day. If the Exchange is not open for business on a respective Wednesday or Friday, the normally Wednesday or Friday expiring Weekly Expirations will expire on the previous business day.

(2)B) End of Month (“EOM”) Expirations. The Exchange may open for trading EOMs on any broad-based index eligible for standard options trading to expire on last trading day of
the month. EOMs shall be subject to all provisions of this Rule and treated the same as options on the same underlying index that expire on the third Friday of the expiration month; provided, however, that EOMs shall be P.M.-settled and new series in EOMs may be added up to and including on the expiration date for an expiring EOM.

The maximum number of expirations that may be listed for EOMs in a given class is the same as the maximum number of expirations permitted for standard options on the same broad-based index. EOM expirations need not be for consecutive end of month expirations; however, the expiration date of a non-consecutive expiration may not be beyond what would be considered the last expiration date if the maximum number of expirations were listed consecutively. EOMs that are first listed in a given class may expire up to four weeks from the actual listing date. Other expirations in the same class are not counted as part of the maximum numbers of EOM expirations for a broad-based index class.

([3]C) Duration of Nonstandard Expirations Pilot Program. The Nonstandard Expirations Pilot Program shall be through May 6, 2019.

([4]D) Weekly Expirations and EOM Trading Hours. Transactions in Weekly Expirations and EOMs may be effected on the Exchange between the hours of 9:30 a.m. (Eastern Time) and 4:15 pm (Eastern Time), except that on the last trading day, transactions in expiring Weekly Expirations and EOMs may be effected on the Exchange between the hours of 9:30 a.m. (Eastern time ) and 4:00 p.m. (Eastern time).

(c) – (g) No change.

• • • Commentary: --------------

.01 - .06 No change.

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