MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC Rules

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Rule 532. Order and Quote Price Protection Mechanisms and Risk Controls

Managed Protection Override. The Managed Protection Override is a setting which, when enabled, allows Members to have their orders cancelled after a risk protection setting is triggered. If enabled the Managed Protection Override will apply to all of the risk protections listed below.

The following risk protection settings are subject to the Managed Protection Override:

- Vertical Spread Variance (“VSV”) Price Protection
- Calendar Spread Variance (“CSV”) Price Protection
- Butterfly Spread Variance (“BSV”) Price Protection
- Parity Price Protection
- Max Put Price Protection

The Managed Protection Override does not apply to derived orders.

(a) Simple Orders.

((2)1) Max Put Price Protection. The Exchange will determine a maximum trading price limit for a Put option as the strike price plus a pre-set value, the Put Price Variance.

(i) – (iv) No change.

(b) Complex Orders.

((9)1) Definitions. For purposes of this paragraph (b):

(i) – (iii) No change.

((10)2) Butterfly Spread Variance (“BSV”) Price Protection. The Exchange will determine a Butterfly Spread Variance (“BSV”) which establishes minimum and maximum trading price limits for Butterfly Spreads.
(i) – (ii) No change.

(iii) Buy orders, sell orders, and Offer eQuotes with a limit price less than the minimum trading price limit will be rejected. Bid eQuotes with a limit price less than the minimum trading price limit will be cancelled. Sell orders with a limit price greater than the maximum trading price limit will be rejected. Offer eQuotes with a limit price greater than the maximum trading price limit will be cancelled.

(iv) No change.

([113]) **Calendar Spread Variance (“CSV”) Price Protection.** The Exchange will determine a Calendar Spread Variance (“CSV”) which establishes a minimum trading price limit for Calendar Spreads.

(i) – (ii) No change.

(iii) Buy orders, sell orders, and Offer eQuotes with a limit price less than the minimum trading price limit will be rejected. Bid eQuotes with a limit price less than the minimum trading price limit will be cancelled.

(iv) – (v) No change.

([124]) **Vertical Spread Variance (“VSV”) Price Protection.** The Exchange will determine a Vertical Spread Variance (“VSV”) which establishes minimum and maximum trading price limits for Vertical Spreads.

(i) – (ii) No change.

(iii) Buy orders, sell orders, and Offer eQuotes with a limit price less than the minimum trading price limit will be rejected. Bid eQuotes with a limit price less than the minimum trading price limit will be cancelled. Sell orders with a limit price greater than the maximum trading price limit will be rejected. Offer eQuotes with a limit price greater than the maximum trading price limit will be cancelled.

(iv) No change.

([135]) **MIAX Strategy Price Protection (“MSPP”).** The System provides a MIAX Strategy Price Protection (“MSPP”) for complex orders. The MSPP establishes a maximum protected price for buy orders and a minimum protected price for sell orders.

([vii]) Complex orders with a time in force of Day or GTC are eligible for MSPP.
To calculate the protected price the System will use a MIAX Strategy Price Protection Variance (“MSPPV”) which will be determined by the Exchange and communicated to Members via Regulatory Circular.

The MSPP is calculated for buy orders by adding the MSPPV to the offer side of the cNBBO (or the offer side of the dcMBBO if the cNBBO is crossed). The MSPP is calculated for sell orders by subtracting the MSPPV from the bid side of the cNBBO (or the bid side of the dcMBBO if the cNBBO is crossed).

The MSPP is established:

- upon receipt of the complex order during free trading; or
- if the complex order is not received during free trading, at the opening (or reopening following a halt) of trading in the complex strategy; or
- upon evaluation of the Strategy Book by the System when a wide market condition, as described in Interpretations and Policies .05(a)(1) of Rule 518, no longer exists.

If a Wide Market condition exists at the start of a Complex Auction or a cPRIME Auction, buy orders are assigned an MSPP equal to the Auction Start Price plus the MSPPV and sell orders are assigned an MSPP equal to the Auction Start Price less the MSPPV.

If the MSPP is priced less aggressively than the limit price of the complex order (i.e., the MSPP is less than the complex order’s bid price for a buy order, or the MSPP is greater than the complex order’s offer price for a sell order) the order will be (i) executed up to, and including, its MSPP for buy orders; or (ii) executed down to, and including, its MSPP for sell orders. Any unexecuted portion of such a complex order will be canceled.

If the MSPP is priced equal to, or more aggressively than, the limit price of the complex order (i.e., the MSPP is greater than the complex order’s bid price for a buy order, or the MSPP is less than the complex order’s offer price for a sell order) the order will be (i) displayed and/or executed up to, and including, its limit price for buy orders; or (ii) displayed and/or executed down to, and including, its limit price for sell orders. Any unexecuted portion of such a complex order: (A) will be subject to the cLEP as described in subsection (e) of Rule 518; (B) may be submitted, if eligible, to the managed interest process described in Rule 518(c)(4); or (C) may be placed on the Strategy Book at its limit price.
The functional limit price of a market order will be the MSPP.

**Complex MIAx Options Price Collar Protection.** The System provides a Complex MIAx Price Collar (“MPC”) price protection feature for complex orders. The MPC is an Exchange-wide price protection mechanism under which a complex order or eQuote to sell will not be displayed or executed at a price that is lower than the opposite side cNBBO bid at the time the MPC is assigned by the System (i.e., upon receipt or upon opening) by more than a specific dollar amount expressed in $0.01 increments (the “MPC Setting”), and under which a complex order or eQuote to buy will not be displayed or executed at a price that is higher than the opposite side cNBBO offer at the time the MPC is assigned by the System by more than the MPC Setting (each the “MPC Price”).

All complex orders (excluding cPRIME Orders), together with cAOC eQuotes and cIOC eQuotes (as defined in Interpretations and Policies .02(c)(1) and (2) of Rule 518) (collectively, “eQuotes”), are subject to the MPC price protection feature.

The minimum MPC Setting is $0.00 and the maximum MPC Setting is $1.00, as determined by the Exchange and communicated to Members via Regulatory Circular. The MPC Setting will apply equally to all options listed on the Exchange in which complex orders are available, and will be the same dollar amount for both buy and sell transactions.

(iii) – (vi) No change.

**Implied Away Best Bid or Offer (“ixABBO”) Price Protection.** The ixABBO price protection feature is a price protection mechanism under which, when in operation as requested by the submitting Member, a buy order will not be executed at a price that is higher than each other single exchange’s best displayed offer for the complex strategy, and under which a sell order will not be executed at a price that is lower than each other single exchange’s best displayed bid for the complex strategy. The ixABBO is calculated using the best net bid and offer for a complex strategy using each other exchange’s displayed best bid or offer on their simple order book. For stock-option orders, the ixABBO for a complex strategy will be calculated using the BBO for each component on each individual away options market and the NBBO for the stock component. The ixABBO price protection feature must be engaged on an order-by-order basis by the submitting Member and is not available for complex Standard quotes, complex eQuotes, cAOC orders, cPRIME Orders, cC2C Orders, and cQCC Orders.

**Market Maker Single Side Protection.** A Market Maker may determine to engage the Market Maker Single Side Protection (“SSP”) feature by Market Participant Identifier (“MPID”). If the full remaining size of a Market Maker’s complex Standard quote or cIOC eQuote in a strategy is exhausted by a trade, the System will trigger the SSP
for the traded side of the strategy. When triggered, the System will cancel all complex Standard quotes and block all new inbound complex Standard quotes and cIOC eQuotes for that particular side of that strategy for that MPID. The System will provide a notification message to the Market Maker that the protection has been triggered. The block will remain in effect until the Market Maker notifies the Exchange (in a manner required by the Exchange and communicated to Members by Regulatory Circular) to reset the SSP (“SSP Reset”).

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