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November 30, 2012

VIA HAND DELIVERY

Heather Seidel, Associate Director
Securities and Exchange Commission
Division of Trading and Markets
Office of Market Supervision
100 F Street, N.E.
Washington, D.C. 20549

**Re: Miami International Securities Exchange, LLC - Form 1 Application for
Registration as a National Securities Exchange Pursuant to Section 6 of the
Securities Exchange Act of 1934**

Dear Ms. Seidel:

Enclosed for official filing is an original and two copies of Amendment No. 1 to Form 1 Application seeking registration as a national securities exchange for Miami International Securities Exchange, LLC, a wholly owned subsidiary of Miami International Holdings, Inc. Please do not hesitate to contact me if you have any questions in connection with this matter.

Very truly yours,

A handwritten signature in blue ink that reads "Barbara J. Comly".

Barbara J. Comly
Executive Vice President, General Counsel
and Corporate Secretary

Enclosures

cc: Richard R. Holley, III, Assistant Director, Division of Trading and Markets

Form 1 Page 1 Execution Page	UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 APPLICATION FOR, AND AMENDMENTS TO APPLICATION FOR, REGISTRATION AS A NATIONAL SECURITIES EXCHANGE OR EXEMPTION FROM REGISTRATION PURSUANT TO SECTION 5 OF THE EXCHANGE ACT	Date filed (MM/DD/YY): 11/30/12	OFFICIAL USE ONLY
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Warning: Failure to keep this form current and to file accurate supplementary information on a timely basis, or the failure to keep accurate books and records or otherwise comply with the provisions of law applying to the conduct of the applicant would violate the federal securities laws and may result in disciplinary, administrative or criminal action

INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACTS MAY CONSTITUTE CRIMINAL VIOLATIONS

APPLICATION AMENDMENT

1. State the name of the applicant: Miami International Securities Exchange, LLC
 2. Provide the applicant's primary street address (Do not use a P.O. Box): 7 Roszel Road, 5th Floor, Princeton, NJ 08540
 3. Provide the applicant's mailing address (if different):
 4. Provide the applicant's business telephone and facsimile number:
Telephone: 609-897-7300; Facsimile: 609-987-2210
 5. Provide the name, title and telephone number of a contact employee: Barbara J. Comly, General Counsel, Miami International Securities Exchange, LLC (609-897-7300)
 6. Provide the name and address of counsel for the applicant:
Barbara J. Comly, General Counsel
Miami International Securities Exchange, LLC
7 Roszel Road, 5th Floor
Princeton, NJ 08540
 7. Provide the date applicant's fiscal year ends: December 31
 8. Indicate legal status of applicant: Corporation Sole Proprietorship Partnership
 Limited Liability Company Other (specify):
- If other than a sole proprietor, indicate the date and place where applicant obtained its legal status (e.g. state where incorporated, place where partnership agreement was filed or where applicant entity was formed):
- (a) Date (MM/DD/YY): 9/10/07 (b) State/Country of formation: Delaware
- (c) Statute under which applicant was organized: Delaware Limited Liability Company Act, 6 Del. C. 18-1d et seq.

EXECUTION: The applicant consents that service of any civil action brought by, or notice of any proceeding before, the Securities and Exchange Commission in connection with the applicant's activities may be given by registered or certified mail or confirmed telegram to the applicant's contact employee at the main address, or mailing address if different, given in Items 2 and 3. The undersigned, being first duly sworn, deposes and says that he/she has executed this form on behalf of, and with the authority of, said applicant. The undersigned and applicant represent that the information and statements contained herein, including exhibits, schedules, or other documents attached hereto, and other information filed herewith, all of which are made a part hereof, are current, true, and complete.

Miami International Securities Exchange, LLC

Date: November 30, 2012

By: Thomas P. Gallagher
Thomas P. Gallagher, Executive Chairman

Subscribed and sworn before me this 30th day of November, 2012.

Jane Scharra
Jane Scharra, Notary Public of the State of New Jersey
My commission expires October 27, 2014
County of Middlesex, State of New Jersey

This page must always be completed in full with original, manual signature and notarization. Affix notary stamp or seal where applicable.

Exhibit A

Exhibit Request:

A copy of the constitution, articles of incorporation or association with all subsequent amendments, and of existing by-laws or corresponding rules or instruments, whatever the name, of the applicant.

Exhibit A is hereby amended by deleting the prior response in its entirety and inserting a new response to Exhibit A as set forth below.

Response:

Miami International Securities Exchange, LLC ("MIAX" or the "Exchange") is applying to register as a national securities exchange pursuant to Section 6(a) of the Securities Exchange Act of 1934. The following materials are submitted in response to this Exhibit A:

1. **Amended and Restated Certificate of Formation of Miami International Securities Exchange, LLC is attached.**
2. **First Amended and Restated Limited Liability Company Agreement of Miami International Securities Exchange, LLC is attached.**
3. **Proposed Second Amended and Restated Limited Liability Agreement and proposed By-Laws of Miami International Securities Exchange, LLC are attached.**

Exhibit B

Exhibit Request:

A copy of all written rulings, settled practices having the effect of rules, and interpretations of the Governing Board or other committee of the applicant in respect of any provisions of the constitution, by-laws, rules, or trading practices of the applicant which are not included in Exhibit A.

Exhibit B is hereby amended by deleting the prior response in its entirety and inserting a new response to Exhibit B as set forth below.

Response:

1. **The proposed Rules of the Exchange are attached.**

Exhibit E

Exhibit Request:

Describe the manner of operation of the System. This description should include the following:

1. The means of access to the System.
2. Procedures governing entry and display of quotations and orders in the System.
3. Procedures governing the execution, reporting, clearance and settlement of transactions in connection with the System.
4. Proposed fees.
5. Procedures for ensuring compliance with System usage guidelines.
6. The hours of operation of the System, and the date on which applicant intends to commence operation of the System.
7. Attach a copy of the users' manual.
8. If applicant proposes to hold funds or securities on a regular basis, describe the controls that will be implemented to ensure safety of those funds or securities.

Exhibit E is hereby amended by deleting the prior response in its entirety and inserting a new response to Exhibit E as set forth below.

Response:

A. Introduction

Miami International Securities Exchange, LLC (the "Exchange") proposes to register as a national securities exchange under Section 6 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The Exchange will be owned by its parent company, Miami International Holdings, Inc. ("Miami Holdings") which will elect all directors of the Board of Directors of the Exchange. However, Article II, Sections 2.4 and 2.5 of the By-Laws of the Exchange provide a process by which Exchange Members may nominate representatives to the Board that complies with the requirement for fair representation of members in the selection of directors. See Exhibit J to this Application. The members of the Exchange (the "Members") will consist of those broker-dealers admitted to transact business on the Exchange. Members will be subject to the Rules of the Exchange and will have representation on the Exchange's Board of Directors and certain committees. Members who are not also stockholders of Miami Holdings will not have any ownership interest in the Exchange.

Once registered, the Exchange will operate a fully automated electronic options trading platform to buy or sell securities with a continuous, automated matching function. Liquidity will be derived from quotes as well as orders to buy and orders to sell submitted to the Exchange electronically by Members from remote locations. There will be no physical Exchange trading floor. There will be three types of Members on the Exchange – Lead Market Makers, Registered Market

Makers and all other Members, known as Electronic Exchange Members. Lead Market Makers, who meet certain additional criteria and are willing to take on additional obligations, will be appointed as the Primary Lead Market Maker in each option class. The Primary Lead Market Makers, Lead Market Makers and Registered Market Makers (together “Market Makers”) will have affirmative and negative market making obligations. Access to the Exchange will be through the use of Trading Permits issued to the Members.

Access to the Exchange will be open to broker-dealers registered under Section 15(b) of the Exchange Act that meet the standards for membership set forth in Chapter II of the proposed Exchange Rules. Members will be subject to fees for executions on the Exchange as set forth in the Rules of the Exchange or as may otherwise be determined by the Exchange from time-to-time pursuant to a fee schedule. Trading Permits will not be transferable except in the event of a change in control of a Member subject to meeting certain criteria. A more detailed description of the Membership criteria is set forth in Chapter II of the Exchange’s proposed Rules. See Exhibit B to this Application.

This exhibit describes, in summary form, the proposed operation of the Exchange. A more detailed description of the proposed Exchange is set forth in the proposed By-Laws and Rules of the Exchange. See Exhibit A and Exhibit B to this Application.

B. Access to the Exchange (#1)

Member Access. Members will access the Exchange electronically through the use of a variety of systems. The Exchange will not accept telephone orders.

The Exchange has designed its systems to allow its Members to individually determine the best method for accessing the Exchange. Thus, Members may develop their own customized front-end software using protocols determined by the Exchange, or may use third-party vendors to route orders to the Exchange through a front-end or service bureau configuration. Members will be able to access the Exchange remotely through a variety of methods and connections that support a minimum data exchange rate, as may be determined by the Exchange from time-to-time.

Direct access to the Exchange is available to Members at an Internet Protocol (“IP”) address by one or more of the following methods: (i) electronic access at the Exchange’s IP network address by the Member’s own software, via communications that are compliant with the Financial Information Exchange (“FIX”) protocol application programmer interface (“API”) provided by the Exchange; (ii) electronic access at the IP network address maintained by the Exchange by the Member’s own software that is compliant with the API provided by the Exchange; or (iii) other means of access provided from time-to-time by the Exchange.

Members provide a unique IP address to the Exchange for each requested connection, and the Exchange then configures its routers to only allow access from the Member’s IP address to a dedicated IP address on the Exchange’s network. By requiring the use of a registered IP address, the Exchange assures that only authorized Members will have access.

Members will be responsible for having procedures reasonably designed for safeguarding access to the Exchange and for notifying the Exchange upon learning that such safeguards have been compromised. Connectivity to the Exchange will occur through secure telecommunications “ports” or points of entry. Each Member will be assigned a specific port or

multiple ports, each of which has a set of unique Exchange-provided login credentials assigned to that Member's registered IP address.

Non-Member Access. Non-Members may access the Exchange pursuant to Rules governing "sponsored access" to the Exchange. The Exchange plans to permit access by entities ("Sponsored Users") whose access is authorized in advance by entering into an arrangement with a Member ("Sponsoring Member") in accordance with Exchange Rules. The Sponsoring Member must agree to be responsible for all trading conducted pursuant to that arrangement to the same extent as trading conducted by the Member for customers. The Sponsoring Member is responsible for implementing policies and procedures for supervising and monitoring the trading effected pursuant to the arrangement to ensure that it is in compliance with all applicable federal securities laws and rules and Exchange Rules. In addition, Sponsored Users must agree to comply with all applicable Rules of the Exchange governing the entry, execution, reporting, clearing and settling of orders in securities eligible for trading on the Exchange.

C. Entry and Display of Quotations and Orders in the System (#2)

Entry of Orders on the Exchange. Orders entered on the Exchange must be priced and must have a designated size (limit orders) or must be orders to buy or sell a stated amount of a security at the best obtainable bid or offer when the order reaches the Exchange (market orders). Orders will be accepted for any security traded on the Exchange, whether submitted by a Member on a proprietary or agency basis.

Upon initiation of operations, the Exchange will advise its Members through a Regulatory Circular of the types of orders, from among the types of orders set forth in the Exchange Rules, available for use on the Exchange. The Exchange will update the Members, again through a Regulatory Circular, as additional order types, from among the types of orders set forth in the Exchange Rules, become available. The following are some of the order types described in the Exchange Rules that will initially be or will later become available for use on the Exchange: market orders, limit orders, fill-or-kill orders, immediate-or-cancel orders, non-displayed penny orders, auction or cancel orders, WAIT orders, attributable orders, intermarket sweep orders, do not route orders, opening orders, customer cross orders, qualified contingent cross orders, day limit orders and good 'til cancelled orders. Each of these types of orders is described in detail in proposed Exchange Rule 516. The Exchange will maintain a full audit trail of every order submitted to the Exchange's System. Members may receive status reports regarding orders submitted to the Exchange or change or cancel an order at any time before that order is fully executed on the Exchange.

A Member may submit written instructions to the Exchange designating orders the Member submits as eligible for automatic resubmission when the order or any remaining part of the order has been automatically cancelled by the Exchange's System. The resubmitted order will be automatically submitted as a new order. This automatic resubmission functionality of the Exchange's System will not apply to Immediate or Cancel, Fill or Kill or Intermarket Sweep Orders.

In order to avoid the occurrence of potential obvious or catastrophic errors on the Exchange, the MIAX System includes the MIAX Order Monitor, as described in the Exchange's proposed Rule 519. The MIAX Order Monitor will prevent certain orders from executing or being placed on the MIAX Book at prices outside pre-set standard limits. The Exchange has established the pre-set limits for market orders based upon market width at the time the order is received and for limit orders based upon a limit order's price relative to the NBBO.

All options will be traded in decimals on the Exchange and consistent with the Penny Pilot Program.

Entry of Quotations on the Exchange. Quotes and eQuotes may only be entered by Market Makers, must be priced and must have a designated size. Initially, the standard minimum quote size will be 10 contracts. Similar to order types, eQuotes provide time in force and other contingencies to quotes and will allow Market Makers to use their quoting systems for submission of such eQuote types to MIAX. All of the bids and offers in the quote and eQuote types described below shall be firm in accordance with the Market Maker's obligations under proposed Exchange Rules and Rule 602 of Regulation NMS. However, bids and offers in certain of the eQuote types, will not be disseminated by the Exchange to quotation vendors in accordance with Rule 602 of Regulation NMS given their limited time in force or other contingencies (i.e., Auction or Cancel eQuotes, Opening Only eQuotes, Immediate or Cancel eQuotes, Fill or Kill eQuotes and immediate or cancel Intermarket Sweep eQuotes).

The Exchange will advise its Members through a Regulatory Circular of the types of quotes and eQuotes, from among the types of quotes and eQuotes set forth in the Exchange Rules, available for use on the Exchange. Market Makers may submit standard quotes and multiple types of eQuotes. Market Makers may have multiple types of eQuotes active in a single series at any time. Market Makers may submit any of the following quote types: standard quote, day eQuote, immediate or cancel eQuote, fill or kill eQuote, Intermarket Sweep eQuote, auction or cancel eQuote and opening only eQuote.

With respect to Day eQuotes, although not available for use on the Exchange upon initiation of its operations, when Day eQuotes do become available, the Exchange may limit the number of Day eQuotes that a single Market Maker may place on the same side of an individual option. If the Exchange determines to establish a limit, it will be no more than ten Day eQuotes on the same side of an individual option. The same limit will apply to all types of Market Makers.

Exchange Rules also provide for the categorization of certain Market Maker quotes as priority quotes and non-priority quotes. Use of priority quotes, which need to meet certain bid/ask differential and other requirements, will entitle Market Makers to precedence over all same priced professional interest (i.e., an order for the account of a person that is not a Priority Customer and Market Maker orders and non-priority quotes) on the Exchange. Use of priority quotes will also entitle Primary Lead Market Makers and Directed Lead Market Markets to participation entitlements described below in connection with the discussion of MIAX's allocation process. Conversely, Market Makers using non-priority quotes will not be entitled to precedence over professional interest and Primary Lead Market Makers and Directed Lead Market Markets will not be entitled to the participation entitlements on the Exchange. The categorization of Market Maker quotes as priority and non-priority allows the Exchange to provide incentives to its Market Makers to provide tighter markets. The priority quote width standard will be established by the Exchange and filed with the Commission in accordance with Section 19 of the Exchange Act. The priority quote width standard established by the Exchange can have bid/ask differentials as narrow as one Minimum Price Variation, as wide but never wider than the bid/ask differentials outlined in Rule 603(b)(4), or somewhere in between. Notwithstanding the foregoing, until such time as the Exchange has submitted and received approval of a rule change establishing narrower bid/ask differentials, the priority quote width standard will be the bid/ask differentials outlined in Rule 603(b)(4).

Display of Orders and Quotations. All orders and quotes submitted to the Exchange will be displayed unless (i) the order is a contingent order (such as immediate or cancel orders or auction or cancel orders); or (ii) the quote is a certain type of eQuote (such as an auction or cancel eQuote or an immediate or cancel eQuote). Non-displayed orders and quotes will not be displayed to any market participants.

Certain orders and quotes available on the Exchange will be displayed at one price and executable at another price. A non-displayed penny order is a limit order that specifies a one-cent price increment for an option contract that has a Minimum Price Variation larger than one cent. Non-displayed penny orders, for classes designated by the Exchange as available for non-displayed penny orders are executable at the one cent increment but are displayed at the Minimum Price Variation for the option class (i.e., at the closest Minimum Price Variation that does not violate the limit price). Quotes entered for options designated by the Exchange as available for non-displayed penny options, can be entered in one-cent increments and will be displayed at the Minimum Price Variation for the option.

In addition, the handling by the trading System of certain orders and quotes that lock or cross the opposite side NBBO can result in the display of orders and quotes at one price and the execution at another price. It should be noted that in those situations where the execution price differs from the displayed price, the execution price will always provide price improvement over the price displayed to the incoming order. The managed interest process for orders that could not be executed or could not be executed in full (“managed orders”) provides for the display of such orders one Minimum Price Variation away from the current opposite side NBBO and provides for the booking of the order at a price that will lock the current opposite side NBBO. The managed interest process for orders is discussed further in Section E below. Moreover, the handling of Market Maker orders and quotes that could not be executed or could not be executed in full provides for the display of such Market Maker orders and quotes one Minimum Price Variation away from the current opposite side NBBO and provides for the booking of the Market Maker order or quote at a price that will lock the current opposite side NBBO. The handling of Market Maker orders and quotes is also discussed further in Section E below.

Based on Exchange System functionality, a locked or crossed market will not be displayed by the Exchange with respect to orders or quotes to buy and orders or quotes to sell submitted to the Exchange unless allowed pursuant to Exchange Rules or a national market system plan governing locked and crossed markets. Orders and quotes submitted to the Exchange shall be displayed on an anonymous basis (except for attributable orders which allow voluntary disclosure of firm identification information) at the price specified by the submitting Member.

The Exchange intends to become a member in the Options Price Reporting Authority Plan (“OPRA Plan”) and will collect and submit to OPRA the best buy and sell interest displayed on the Exchange in accordance with the terms of the OPRA Plan. The Exchange also proposes to provide to subscribers of its proprietary data feeds, top of the market information and data pertaining to options contracts traded on the Exchange.

The Exchange will engage an Aggregate Risk Manager, which will automatically remove a Market Maker’s quotations (i.e., standard quotes and Day eQuotes) from the Exchange’s disseminated quote in all series of a particular option class when it has been determined that the Market Maker has traded, during a specified time period (established by the Market Maker), a number of contracts equal to or greater than an allowable percentage (which percentage will be determined in accordance with Rule 612). Once the Market Maker has submitted a revised

quotation, the Exchange will add the Market Makers quotes back into the Exchange's disseminated quote.

D. Price Protection on the Exchange—Routing to Other Market Centers

MIAX intends to become a participant in the Options Order Protection and Locked/Crossed Market Plan ("Plan"). In accordance with the Plan, MIAX will provide price protection in options by routing intermarket sweep orders to other options exchanges. Intermarket sweep orders may be routed to another options exchange when trading interest is not available on MIAX or is of insufficient size, or when MIAX is not at the National Best Bid or Offer ("NBBO") consistent with the Plan. Orders with certain contingencies and orders designated as Do Not Route or "DNR" can only be executed on MIAX. Orders that are routable may either be eligible for immediate routing, provided the criteria for immediate routing are met, or be subject to a route timer. Immediate routing is available for Public Customer orders as follows: (i) if the NBBO was crossed upon receipt of the Public Customer order, or (ii) in situations when the NBBO was not crossed, the Public Customer order meets certain criteria. The criteria relates to the Public Customer order's limit price (it crosses the opposite side NBBO), the MIAX disseminated price, the size of the order, and the size of displayed away market.

As indicated above, Public Customer orders not eligible for immediate routing will be subject to a route timer. The route timer allows Market Makers and other market participants an opportunity to interact with an order before it is routed to another options exchange. At the start of the route timer, the System will broadcast a Route Notification message to subscribers of its market data feeds providing details about the order to be routed. During the timer, which will not exceed one second (the duration of the timer will be announced to Members through a Regulatory Circular), Market Makers and other market participants may submit certain order and quote types at any price level. If, during the Route Timer, the Exchange receives a new order or quote on the opposite side of the market from the initiating order that can be executed, the System will immediately execute the remaining contracts. If at any point during the Route Timer the initiating order and all interest on the same side of the market is either traded in full or cancelled in full, or a change in the Away Best Bid or Offer ("ABBO") would allow the initiating order to trade on the Exchange at the revised NBBO, the Route Timer will be terminated and normal trading will resume. At the end of the route timer any contracts that could not be executed and are marketable at the NBBO on another exchange will be marked as an intermarket sweep order and routed to the appropriate away market. The Exchange will route intermarket sweep orders to the other options exchanges through unaffiliated broker-dealers. The Exchange will determine the logic that provides when, how and where intermarket sweep orders are routed away to other options exchanges. The routing broker-dealers will receive instructions from MIAX to route intermarket sweep orders to the other options exchanges and report the executions back to MIAX.

E. Execution, Reporting, Clearance and Settlement Procedures (#3)

The Exchange will employ an opening process structured to match and execute the greatest number of pending buy and sell orders. Pre-opening orders and quotes will be accepted. The Exchange may begin the opening process following the dissemination of a quote or trade in the market for the underlying security. The market for the underlying security shall in most cases be the primary listing market. Once the opening process begins, if there are no quotes or orders that lock or cross each other, the System will open by disseminating the Exchange's best bid and offer among quotes and orders that exist in the System at that time. If there are quotes or orders that lock or cross each other, the System will calculate an opening price taking into

consideration all valid Exchange quotes and all valid orders, together with other exchanges' markets for the series and identify the price at which the maximum number of contracts can trade. If that price is within the highest valid width quote bid and lowest valid width quote offer and leaves no imbalance, the Exchange will open at that price, executing marketable trading interest, as long as the opening price includes only Exchange interest. If the opening price includes other interest, the System will broadcast a System Imbalance Message and initiate a Route Timer (not to exceed one second) to allow additional orders or quotes to be submitted. If no new interest is received during the Route Timer, the System will route to other markets disseminating prices better than the Exchange's opening price, execute marketable interest at the opening price on the Exchange, and route to other markets disseminating prices equal to the Exchange opening price if necessary. If interest is received during the Route Timer, the System will recalculate the opening price taking such new interest into account. Then, if there is no imbalance, the System will execute marketable interest at the opening price on the Exchange and route the remainder to other markets.

If the opening process results in an imbalance, the System will begin an imbalance process by establishing an Expanded Quote Range ("EQR"), which will represent the limits of the range in which transactions may occur during the opening process. If there is sufficient size on the Exchange and on away markets on the opposite side of the market from the imbalance to execute all opening marketable interest at a price that is within the established EQR without leaving an imbalance, the System will open the affected series for trading at that price by executing opening marketable interest on the System, as long as the System does not trade through the ABBO. If all opening marketable size cannot be completely executed at or within the EQR without trading through the ABBO, the System will initiate an imbalance process. The System will broadcast a System Imbalance Message and initiate an Imbalance Timer (not to exceed three seconds) to allow additional orders or quotes to be submitted. At the end of the Imbalance Timer, if quotes and orders submitted during the Imbalance Timer, or other changes to the ABBO, would not allow the entire imbalance amount to trade at the Exchange at or within the EQR without trading through the ABBO, the System will send a new System Imbalance Message and initiate a Route Timer (not to exceed one second). If during the Route Timer, interest is received by the System which would allow all interest to trade on the System (i.e., there is no longer an imbalance) at the opening price without trading through other markets, the System will trade and the Route Timer will end. At the end of the Route Timer, the System will execute as many of the marketable contracts as possible by: (i) routing the number of contracts that will satisfy interest at other markets at prices better than the Exchange opening price; (ii) trading available contracts on the Exchange at the Exchange opening price; and/or (iii) routing a number of contracts that will satisfy interest at other markets at prices equal to the Exchange opening price. If not all of the marketable contracts on the Exchange can be executed, the System may repeat the imbalance process up to three times.

After the opening, executions on the Exchange will occur when a buy order/quote and a sell order/quote match on the Exchange's order book. Pursuant to proposed Rule 514(c), such executions are allocated according to either the price-time allocation methodology or the pro-rata allocation methodology. The Exchange will determine on a class-by-class basis which allocation methodology will be used and applied to all types of option contracts within an option class.

The price-time allocation methodology provides when there are two or more quotes or orders resting on the Book at the best price, the trade is allocated among those resting quotes and orders in the order in which they were received by the trading System. None of the priority overlays described below will be used in conjunction with the price-time allocation methodology.

The pro-rata allocation methodology matches an initiating order against resting interest on the Exchange's electronic book using a methodology that ensures that the best price has priority, but also allocates in a method that rewards continuous tight and liquid two-sided markets. When multiple participants with resting interest are at the same price, the Exchange uses a base pro-rata methodology, which allocates based on participation type as follows: (i) Priority Customer orders; (ii) Market Maker priority quotes (allocations to Market Maker priority quotes will only occur after all Priority Customer orders at the same price have been allocated in full), and (iii) Professional Interest (allocations to Professional Interest will only occur after all Priority Customer orders and Market Maker priority quotes have been allocated in full). The Exchange may add the following allocation priority overlays to modify the base pro-rata allocation; Priority Customer, Market Turner, Primary Lead Market Maker and/or Directed Lead Market Maker. These are available at the Exchange's discretion on a class-by-class basis pursuant to proposed Rule 514(d). For example, (i) the Priority Customer overlay provides Priority Customers with priority over all Market Maker interest and professional orders at the same price; (ii) the Market Turner overlay (which may only be in place when none of the other priority overlays are in place) provides market turners (the first to enter an order or quote at a better disseminated price) with priority over all other participants at the highest disseminated bid or lowest disseminated offer price the market turner established; (iii) the Primary Lead Market Maker overlay (which may only be in effect if the Priority Customer overlay is also in effect) provides Primary Lead Market Makers using priority quotes with priority over other Market Makers for a certain percentage of contracts allocated at the same price (60% or 40% depending upon the number of other Market Makers at the NBBO) and for small size orders (defined as 5 contracts or less); and (iv) the Directed Lead Market Maker overlay (which may only be in effect if the Priority Customer overlay is also in effect) provides the Directed Lead Market Maker using priority quotes with priority over other Market Makers for a certain percentage of contracts allocated at the same price (60% or 40% depending upon the number of other Market Makers at the NBBO).

The Exchange's System will, when appropriate, immediately execute incoming orders or quotes against orders and quotes in the System, provided such incoming orders and quotes will not be executed at prices inferior to the NBBO. When an incoming order is not executable or cannot be fully executed, the System will handle the order by (i) posting the order or quote at its limit price; (ii) routing it to an away market; (iii) executing or cancelling the order in accordance with the price protection processes; and/or (iv) managing it in accordance with the managed interest process. The System provides price protection for non-Market Maker market orders and limit orders, which cross the NBBO upon receipt, and could not be executed or executed in full. Such orders may receive additional executions at only one Minimum Price Variation worse than the NBBO, provided the execution does not trade through the current NBBO. The Exchange will also provide a liquidity refresh pause as part of its price protection processes, which will include the broadcasting of a liquidity refresh message. The liquidity refresh pause will be implemented only when a Market Maker's best bid or offer was at the NBBO, MIAX was the only market at the NBBO, an execution has occurred that exhausted the Exchange's bid or offer, and there are contracts remaining to be executed. The purpose of the liquidity refresh pause, which will not exceed one second, is to give Market Makers the ability to refresh and potentially improve their quotations by allowing them to submit quotes or orders and other market participants the ability to submit orders at any price level. If, during the liquidity refresh pause, the Exchange receives a new order or quote on the opposite of the market from the incoming order's remaining contracts, which locks or crosses the original NBBO price, the System will immediately execute the remaining contracts at the original NBBO price provided it does not trade through the current

NBBO. Once the liquidity refresh pause has ended the Exchange will execute any remaining contracts as appropriate.

The Managed Interest Process applies to orders not routable (such as an order marked “Do Not Route”) that would either lock or cross the NBBO, certain orders with remaining unexecuted contracts after having been routed, certain orders having been exposed to a Liquidity Refresh Pause, and certain orders with remaining unexecuted contracts having executing against the NBBO when MIAX alone represented the NBBO. Managed orders will be displayed at one Minimum Price Variation away from the current opposite side NBBO to avoid a lock or cross, but will be available for execution on the MIAX Book at a price equal to the opposite side NBBO. The Managed Interest Process will take into account any changes to the NBBO. If the NBBO changes to an inferior price, the managed order’s displayed price will continuously re-price to one Minimum Price Variation away from the opposite side of the new NBBO and the price at which the managed order is available for execution on the MIAX Book will continuously re-price to be equal to the opposite side of the new NBBO. Such re-pricing will continue until the managed order reaches its limit price, is fully executed, or is cancelled. Any incoming order or quote executable against a managed order will be executed at the price at which the managed order is “resting” on the MIAX Book, provided that the execution price does not violate the current NBBO.

The handling of Market Maker orders and quotes occurs when the Market Maker order or quote could not be executed or could not be executed in full and the displayed price would lock or cross the ABBO. The System will display the order or quote one Minimum Price Variation away from the current opposite side NBBO to avoid a lock or cross, but the order or quote will be available for execution on the MIAX Book at a price equal to the opposite side NBBO. The trading System will take into account any changes to the NBBO. If the NBBO changes to an inferior price, the Market Maker’s displayed price will continuously re-price to one Minimum Price Variation away from the opposite side of the new NBBO and the price at which the Market Maker’s order or quote is available for execution on the MIAX Book will continuously re-price to be equal to the opposite side of the new NBBO. Such re-pricing will continue until the Market Maker’s order or quote reaches its limit price, is fully executed, or is cancelled. Any incoming order or quote executable against a Market Maker’s order or quote will be executed at the price at which the Market Maker’s order or quote is “resting” on the MIAX Book, provided that the execution price does not violate the current NBBO.

In executing orders submitted to the Exchange’s Book, the Exchange will not distinguish between orders submitted by Members for their own accounts and orders submitted by Members for their customers (unless the Priority Customer overlay is activated for a class). All Exchange Members will submit orders to the Exchange from remote locations and have equal access to orders residing on the Exchange. Similarly, because orders on the Exchange will be executed automatically, no Member of the Exchange will have the ability to control the timing of execution (other than to change or cancel an order/quote prior to execution).

The Exchange will accept Intermarket Sweep Orders (“ISO”) from other exchanges in accordance with the Options Order Protection and Locked/Crossed Market Plan. ISOs are executed by the trading System without respect to the protected quotations of other exchanges, that is, the Options Order Protection and Locked/Crossed Market Plan and proposed Exchange Rules provide an exemption to the prohibition on trading-through the NBBO for orders identified as ISOs, provided the Member submitting the ISO has complied with all aspects of the Plan and Exchange Rules. It should be noted, executions of ISOs on the Exchange will be handled in accordance with the Exchange Rules governing the allocation among participants to the

execution. For example, a Market Maker complying with the priority quote standards will have precedence over all Professional Interest in the allocation of an ISO execution, including an ISO execution that has traded through the NBBO.

The Exchange will adopt an obvious error rule that will permit it to address those instances in which transactions occurring on the Exchange involve obvious or catastrophic errors. Under the proposed rule, Members receiving an execution based on the entry of a buy or sell order or quote that clearly was in error in terms of price, will be permitted to request that the Exchange have the trade nullified or its price adjusted, in the absence of the mutual agreement of the parties to the trade. MIAX Regulatory Control ("MRC") will review the transaction to determine whether, in fact, the transaction was the result of an obvious or catastrophic error. Upon final Exchange official action, the MRC, in conjunction with the MIAX Operations Center ("MOC"), where appropriate, shall promptly notify both parties to the trade and will either nullify or adjust the execution price of the transaction if it qualifies as an obvious or catastrophic error. A Member may appeal the decision by Exchange officials to the CRO.

Trade Reporting. The Exchange intends to become an OPRA participant and will report trades pursuant to the terms of the OPRA plan.

Clearance and Settlement of Exchange Trades. The Exchange will report matched trades to the Options Clearing Corporation. The Exchange will require each Member to be a Member of a registered clearing agency or clear its transactions through a Member that is a member of a registered clearing agency. The Exchange will also require each Member, for every transaction in which it participates, to immediately give up the name of the Clearing Member through whom the transaction will be cleared. If there is a subsequent change in identity of the Clearing Member, the Member must, as promptly as possible, report such change to the Exchange.

F. Participation in Industry Programs

The Penny Pilot Program. As indicated above, the Exchange plans to participate in the Penny Pilot Program ("Penny Pilot"). The Penny Pilot, which provides for the quoting and trading of certain option classes in penny increments was initiated at all option exchanges on January 24, 2007. The Penny Pilot is currently set to expire on December 31, 2012, unless extended. As part of the Penny Pilot, the Exchange agrees to submit semi-annual reports to the SEC for each year the Penny Pilot continues after the Exchange becomes operational. The reports will include sample data and analysis of information collected from April 1 through September 30 and October 1 through March 31 each year for the ten most active and twenty least active option classes added to the Penny Pilot. In addition, for comparison purposes, the reports include data from a control group consisting of the ten least active option classes from the initial group of 63 option classes in the program. The reports include the following: (1) data and analysis on the number of quotations generated for the options included in the report; (2) an assessment of the quotation spreads for the options included in the report; (3) an assessment of the impact of the Penny Pilot Program on the capacity of the exchange's automated systems; (4) data reflecting the size and depth of markets, and (5) any capacity problems or other problems that arose related to the operation of the Penny Pilot Program and how the exchange addressed them.

Short Term Option Series Program. The Exchange plans to participate in the Short-Term Series Program. Pursuant to proposed Rule 404, Interpretations and Policies .02, MIAX intends to open for trading on any Thursday or Friday that is a business day, series of options on select option classes that expire on Friday of the following week. The Exchange may select up to

twenty-five option classes in which Short Term Option Series may be traded. In addition to those twenty five option classes the Exchange may also list Short Term Option Series on any option classes that are selected by other securities exchanges that employ a similar program. In conjunction with this program, MIAX will submit to the SEC a report providing an analysis of the Short Term Option Series Program (the "Report"). The Report will cover a period of nine months beginning with the date of the effectiveness of the program on MIAX. The Report will be submitted no later than a month after the end of the nine month period. The Report will include the following: (1) data and written analysis on the open interest and trading volume in the classes for which Short Term Option Series were opened; (2) an assessment of the appropriateness of the option classes selected for the Program; (3) an assessment of the impact of the Program on the capacity of the Exchange, OPRA, and market data vendors (to the extent data from market data vendors is available); (4) any capacity problems or other problems that arose during the operation of the Program and how the Exchange addressed such problems; (5) any complaints that the Exchange received during the operation of the Program and how the Exchange addressed them; and (6) any additional information that would assist in assessing the operation of the Program.

Elimination of Position Limits in SPY Options. The Exchange plans to participate in the pilot program for the elimination of position limits in SPY options. The pilot program is scheduled to remain in place for fourteen months, ending, if not extended or made permanent, on December 5, 2013. An analysis and report on the initial twelve months of the pilot program must be submitted to the SEC 30 days after the end of the pilot period (the "Pilot Report"). The Pilot Report will compare the impact of the pilot program, if any, on the volumes of SPY options and the volatility in the price of the underlying SPY contract, particularly at expiration. The Pilot Report also will detail the size and different types of strategies employed with respect to positions established in SPY options; note whether any problems, in the underlying SPY ETF or otherwise, arose as a result of the no-limit approach; and include any other information that may be useful in evaluating the effectiveness of the pilot program. In preparing the Pilot Report, the Exchange will utilize various data elements such as volume and open interest.

G. Exchange Fees (#4)

Fees Generally. The Exchange may prescribe such reasonable fees, and assessments or other charges as it may deem appropriate and as consistent with Section 6(b) of the Exchange Act. The Exchange intends to establish a Fee Schedule, which will be filed by the Exchange pursuant to Section 19 of the Exchange Act and Rule 19b-4 thereunder setting forth all applicable transaction and other fees. It is anticipated that the Fee Schedule will have the flexibility to include (1) conventional transaction fees in which a Member is charged a fee for executions that occur on the Exchange, the amount of which will generally vary depending on different factors including whether the execution is for a Market Maker account, a firm proprietary account or a customer account; and (2) maker-taker fees in which a Member is charged a fee for transactions that access liquidity and given a rebate for certain transactions in orders that provide liquidity. The Exchange will determine on a class by class basis which type of fee will apply. Actual fee amounts and types will not be determined until close to launch of Exchange operations because the fees and how they are applied will need to reflect the competitive landscape at that time.

The Exchange may also charge membership fees, application fees, market data fees, connectivity fees, and bandwidth fees. Exchange Members will be solely responsible for all telecommunications costs and all other expenses incurred in linking to, and maintaining links to,

the Exchange. The Exchange may determine to revise or impose different fees upon its Members and Sponsoring Members from time-to-time.

H. Procedures for Ensuring Compliance with Exchange Usage Guidelines (#5)

The Exchange System contains embedded order/quote entry and trade guidelines. All data representing an order/quote must comply with these guidelines. Members cannot override these embedded guidelines. With respect to technical standards, prior to allowing a new Member to begin trading, the Exchange and the Member will thoroughly test the Member's connectivity. In addition, the Member may enter orders/quotes in test securities to ensure compatibility with the Exchange's system protocol. A Member may begin trading only after the Member and the Exchange are satisfied that both the Member's hardware and software meet the Exchange's standards.

Members also must agree to maintain an adequate connection to the Exchange as defined from time-to-time by the Exchange that includes a connection of sufficient speed and equipment of minimum quality.

I. Hours of Operation and Proposed Commencement of the Exchange (#6)

The Exchange proposes to operate Monday to Friday from 9:30 a.m. Eastern Time to 4:00 p.m. Eastern Time, except the Exchange may remain open for trading option contracts on Exchange Traded Fund Shares and Index-Linked Securities beyond 4:00 p.m. but in no case later than 4:15 p.m. Eastern Time. In addition, the Exchange may operate during any other day or time approved by the Board of Directors of the Exchange.

The Exchange proposes to commence operations upon the approval of its Form 1 Application for Registration as a National Securities Exchange by the Securities and Exchange Commission (the "Commission").

J. Exchange Users' Manual (#7)

As discussed above, Members will be provided with the Exchange's technical specifications, which will enable them to develop or purchase their own, customized front-end software for interfacing with the Exchange. Members also may use third-party vendors to route orders to the Exchange via a front end or service bureau configuration. The Exchange will make available on the internet to prospective Members all necessary API connectivity documentation. A draft Users' Manual that will be provided to all Members and prospective Members of the Exchange is included with this Exhibit E. The draft Users' Manual describes the Exchange's technical specifications and provides Members, prospective Members and other users of the Exchange with additional information that the Exchange believes will be useful to such persons for trading on the Exchange.

K. Possession of Funds or Securities (#8)

The Exchange will not hold funds or securities of its Members.

Exhibit F

Exhibit Request:

A complete set of all forms pertaining to:

1. Application for membership, participation, or subscription to the entity.
2. Application for approval as a person associated with a member, participant, or subscriber of the entity.
3. Any other similar materials.

Exhibit F is hereby amended by deleting the prior response in its entirety and inserting a new response to Exhibit F as set forth below.

Response:

1. **Member Firm Application Checklist**
2. **Pre-Application Information Survey**
3. **Member Application**
4. **Clearing Letter of Guarantee**
5. **User Agreement**
6. **Sponsored Access Agreement**
7. **Statutory Disqualification Notice**
8. **Attestation, Consent to Jurisdiction and Authorization of Approved Person Membership – Firm Applicant**
9. **Attestation, Consent to Jurisdiction and Authorization of Approved Person Membership – Individual Applicant**
10. **Exchange Data Vendor Agreement**
11. **Market Data Policies**
12. **MIAX Data Feed Affiliated Companies List – Schedule A**
13. **MIAX Data Feed Request – Schedule B**
14. **MIAX Data Feed Service Facilitator List - Schedule C**
15. **Market Data Subscriber Agreement – Schedule D**
16. **Service Bureau Agreement**

The Exchange intends to use Form U-4, the Uniform Application for Securities Industry Registration or Transfer, for persons applying to be associated persons of a Member.

Exhibit J

Exhibit Request:

A list of the officers, governors, Members of all standing committees, or persons performing similar functions, who presently hold or have held their offices or positions during the previous year, indicating the following for each:

1. Name.
2. Title.
3. Dates of commencement and termination of term of office or position.
4. Type of business in which each is primarily engaged (e.g., floor broker, specialist, odd lot dealer, etc.).

Exhibit J is hereby amended by deleting the prior response in its entirety and inserting a new response to Exhibit J as set forth below.

Response:

1. **Officers of Miami International Securities Exchange, LLC**

The following are currently the officers of the Exchange entity:

<u>Name</u>	<u>Title</u>
Thomas P. Gallagher	Executive Chairman
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Paul Warner	Executive Vice President and Chief Financial Officer
Edward Deitzel	Executive Vice President – Chief Regulatory Officer
Shelly Brown	Senior Vice President - Strategic Planning and Operations
Randy Foster	Senior Vice President – Business Systems Development
Claire McGrath	Senior Vice President – Business Regulatory Affairs
Matthew Rotella	Senior Vice President – Trading Systems Development and System Operations
Frank Ziegler	Senior Vice President – Systems Infrastructure
Shawn Hughes	Vice President – Project Management
Harish Jayabalan	Vice President – Chief Risk Officer
John Masserini	Chief Security Officer and Vice President – Information Security
Amy Neiley	Vice President – Trading Operations

Prior to commencement of operations of the Exchange, a President and Chief Executive Officer of the Exchange may be appointed. The officers of the Exchange will serve until their successors are appointed in accordance with the By-Laws of the Exchange. Officers of the Exchange will serve at the direction of the Board of Directors.

2. **Directors of Miami International Securities Exchange, LLC**

Current Directors

The following persons are currently the directors of the Exchange entity.

<u>Name</u>		<u>Type of Business</u>
Thomas P. Gallagher	Industry Director	Securities Exchange
Michael P. Ameen	Non-Industry Director	Executive Vice President, Chief Operating Officer and Financial Officer, O'Brien Energy Company, LLC
Lindsay L. Burbage	Non-Industry Director	Attorney
Leslie Florio	Non-Industry Director	Board of Trustee – The Hun School of Princeton; Formerly Vice President, United Jersey Bank Central, N.A. and Manufacturers Hanover Trust Company
Lawrence E. Jaffe	Non-Industry Director	Attorney
Robert D. Prunetti	Non-Industry Director	President and CEO, Mercer Regional Chamber of Commerce; President, Phoenix Ventures, LLC
J. Gray Teekell	Non-Industry Director	President of The Teekell Company, Inc.
John E. McCormac	Non-Industry Director	Former New Jersey State Treasurer; Township Mayor – Woodbridge, New Jersey
William J. O'Brien IV	Non-Industry Director	Senior Vice President, Oil & Gas, O'Brien Energy Company, LLC
Cynthia Schwarzkopf	Non-Industry Director	Professional and Philanthropic Public Speaker

Interim Exchange Board

Prior to the commencement of the operations of the Exchange, Miami International Holdings, Inc., as the sole owner of the securities of the Exchange (the "LLC Member"), will elect directors in accordance with the By-Laws of the Exchange and the By-Laws of Miami International Holdings, Inc. to serve as directors of the Exchange on an interim basis (the "Interim Directors").

The Interim Directors of the Exchange will be the persons listed above who are currently serving as directors of the Exchange (the “LLC Member Directors”). In addition, three directors will be appointed as Interim Directors who will serve as interim Member Representative Directors (the “Interim Member Representative Directors”).

The LLC Member Directors were appointed by Miami International Holdings, Inc., as the sole owner of the securities of the Exchange. All of the Directors are required to complete a questionnaire establishing such person's qualifications to serve on the Exchange Board.

The initial Members of the Exchange will likely consist substantially of the Member Applicants who have begun the membership application process. Member Applicants means persons and entities who have submitted Initial Documents for membership in the Exchange and who, based on the information contained in such Initial Documents, would meet the qualifications for membership. Initial Documents are either the Exchange's Membership Pre-Application Survey or a MIAX Participant Connectivity Request Form. The persons and firms that have applied to become the initial Members of the Exchange have already begun the process of completing the necessary applications, obtaining electronic connectivity, and testing their systems with MIAX.

Because the initial Members of the Exchange will likely consist substantially of the current group of persons and firms that have begun the membership application process with MIAX, MIAX is in a position to satisfy the requirements of the Act, particularly Section 6(b)(3), by providing these members-to-be with fair representation in the selection of directors and the administration of the MIAX Exchange.

The Interim Member Representative Director Nominees will be submitted to the Member Applicants by following the procedure specified in the Exchange Bylaws, as follows: Upon notification of the proposed Interim Member Representative Directors, Member Applicants will have a period of fourteen (14) days within which to propose alternative candidates by submitting a petition signed by at least ten percent (10%) of Member Applicants. All proposed candidates will be submitted to a vote of the Member Applicants in which each Member Applicant after the petition period will have one vote. At the end of a five (5) day voting period, the candidates with the most votes will become the Interim Member Representative Director nominees to be included as members of the Interim Exchange Board elected by the LLC Member.

Prior to commencement of the operations of the MIAX Exchange, Miami International Holdings, Inc., as the sole owner of securities of the Exchange, will elect the Interim Member Representative Directors to serve together with the LLC Member Directors in accordance with the Exchange LLC Agreement and Bylaws as described herein (together, the “Interim Exchange Board”).

Commitment to Serve Only Until First Annual Meeting (maximum 90 days)

The Interim Exchange Board will serve only until the first annual meeting of the LLC Member, which will be held within 90 days after the approval of the MIAX as a national securities exchange. Within 90 days after such approval, the Exchange will have completed the first annual nomination, petition and voting process for electing the Exchange Board as provided in the Exchange Bylaws. Commencing at the first annual meeting of the LLC

Member directors of the Exchange, other than the Chief Executive Officer, will serve staggered three-year terms.

3. **Committees of Miami International Securities Exchange, LLC**

The committees of the Board will consist of a Compensation Committee, an Audit Committee, a Regulatory Oversight Committee, an Appeals Committee, a Nominating Committee, a Member Nomination Committee and may consist of a Finance Committee and Executive Committee or such other committees as may be approved by the Board of the Exchange. After the election of the Board, the Chairman, with approval of the Board, shall appoint persons to sit on the standing committees of the Board, consistent with the Exchange's Bylaws.

State of Delaware
Secretary of State
Division of Corporations
Delivered 12:35 PM 06/17/2011
FILED 12:35 PM 06/17/2011
SRV 110734849 - 4420452 FILE

**STATE OF DELAWARE
AMENDED AND RESTATED
CERTIFICATE OF FORMATION
OF
MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC**

This filing has been executed and filed in accordance with Section 18-208 of the Limited Liability Company Act. This document is being executed for the purpose of amending and restating the original Certificate of Formation, filed under Miami International Stock Exchange, LLC on September 10, 2007, as amended by the Certificate of Amendment, filed on April 21, 2010 under file number: 4420452.

FIRST: The name of the limited liability company is **Miami International Securities, Exchange LLC.**

SECOND: The address of its registered office in the State of Delaware is 3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6192, County of New Castle. The name of its registered agent at such address is **Delaware Business Incorporations, Inc.**

THIRD: The members agree to be bound by the signed limited liability company agreements except as they may be contradicted by the Limited Liability Company Act of the State of Delaware.

FOURTH: The duration of this limited liability company will be perpetual.

IN WITNESS WHEREOF, the undersigned, an authorized person, has executed this Amended and Restated Certificate of Formation on this date of June 17, 2011.

**MIAMI INTERNATIONAL SECURITIES
EXCHANGE, LLC**

By: 
Thomas P. Gallagher
Chairman

**FIRST AMENDED AND RESTATED
LIMITED LIABILITY COMPANY AGREEMENT
of
MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC**

Miami International Holdings, Inc., a Delaware corporation, the sole member (the "Member") of Miami International Securities Exchange, LLC, a Delaware limited liability company (the "Company"), pursuant to and in accordance with the Delaware Limited Liability Company Act, 6 Del.C. § 18-101, et seq. (the "Act"), hereby declares the following to be the First Amended and Restated Limited Liability Company Agreement (the "Agreement") of the Company which amends and restates in its entirety the Operating Agreement dated February 1, 2008 of the Company (the "Original Operating Agreement").

Section 1. Formation. The Company has been formed as a limited liability company under the Act by the filing of a Certificate of Formation with the Office of the Secretary of State of the State of Delaware. The Member agrees to be bound by and comply with the provisions thereof and hereof.

Section 2. Name. The name of the limited liability company shall be "Miami International Securities Exchange, LLC", or such other name as the Member may from time to time hereafter designate.

Section 3. Definitions. Capitalized terms not otherwise defined herein shall have the meanings set forth therefor in Section 18-101 of the Act.

Section 4. Purpose. The Company is formed for the purpose of engaging in any lawful business permitted by the Act or the laws of any jurisdiction in which the Company may do business. The Company shall have the power to engage in all activities and transactions which the Member deems necessary or advisable in connection with the foregoing.

Section 5. Offices. The principal place of business and office of the Company shall be located at, and the Company's business shall be conducted from, such place or places as the Member may designate from time to time.

The registered office of the Company in the State of Delaware shall be located at c/o Delaware Business Incorporators, Inc. 3422 Old Capitol Trail, Suite 700, Wilmington, Delaware 19808-6192. The name and address of the registered agent of the Company for service of process on the Company in the State of Delaware shall be Delaware Business Incorporators, Inc. 3422 Old Capitol Trail, Suite 700, Wilmington, Delaware 19808-6192. The Member may from time to time change the registered agent or office by an amendment to the certificate of formation of the Company.

Section 6. Member. Miami International Holdings, Inc. is the sole member of the Company (the "Member") holding 100% of the membership interests of the Company. The name

and business or residence address of the Member is 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540.

Section 7. Term. The term of the Company shall commence on the date of filing of the certificate of formation of the Company in accordance with the Act and shall continue until the Company is dissolved and its affairs are wound up in accordance with Section 17 of this Agreement and a certificate of cancellation is filed in accordance with the Act.

Section 8. Board of Directors; Delegation of Authority and Duties.

(a) Member and Board of Directors. The Member, acting through the Board (defined below), shall manage and control the business and affairs of the Company, and shall possess all rights and powers as provided in the Act and otherwise by law. Except as otherwise expressly provided for herein, the Member hereby consents to the exercise by the Board of all such powers and rights conferred on them by the Act with respect to the management and control of the Company. Notwithstanding the foregoing and except as explicitly set forth in this Agreement, if a vote, consent or approval of the Member is required by the Act or other applicable law with respect to any act to be taken by the Company or matter considered by the Board, the Member agrees that it shall be deemed to have consented to or approved such act or voted on such matter in accordance with a vote of the Board on such act or matter.

(b) Delegation by Board. The Board shall have the power and authority to delegate to one or more other persons the Board's rights and powers to manage and control the business and affairs of the Company, including to delegate to agents and employees of the Member, a Director (as defined below) or the Company (including Officers), and to delegate by a management agreement or another agreement with, or otherwise to, other persons. The Board may authorize any person (including, without limitation, the Member or any Officer or Director) to enter into and perform under any document on behalf of the Company.

(c) Committees. The Board may, from time to time, designate one or more committees, each of which shall be comprised of at least two Directors. Any such committee, to the extent provided in the enabling resolution and until dissolved by the Board, shall have and may exercise any or all of the authority of the Board. At every meeting of any such committee, the presence of a majority of all the representatives thereof shall constitute a quorum, and the affirmative vote of a majority of the representatives present shall be necessary for the adoption of any resolution. The Board may dissolve any committee at any time, unless otherwise provided in this Agreement.

Section 9. Establishment of Board of Directors.

(a) Directors. There shall be established a Board of Directors (the "Board") composed of not less than (1) and no more than twenty-one (21) persons as determined from time to time by the Member ("Directors"), each of whom shall be elected by the Member. Any Director may be removed from the Board at any time by the Member. Each Director shall remain in office until his or her death, resignation or removal. In the event of death, resignation or removal of a Director, the party or parties, as applicable, which appointed such Director shall fill

the vacancy created. Notwithstanding anything in this Agreement to the contrary, Directors shall not be deemed to be “members” or “managers” (as such terms are defined in the Act) of the Company.

(b) **No Individual Authority.** No Director has the authority or power to act for or on behalf of the Company, to do any act that would be binding on the Company or to make any expenditures or incur any obligations on behalf of the Company or authorize any of the foregoing, other than acts that are authorized by the Board.

(c) **Chairman.** The Board shall designate a Director to serve as chairman. The chairman shall, unless a majority of Directors present determine otherwise, preside at all meetings of the Board. If the chairman is absent at any meeting of the Board, a majority of the Directors present shall designate another Director to serve as interim chairman for that meeting.

Section 10. Officers. The Member may, from time to time as it deems advisable, designate natural persons as officers of the Company (the “Officers”) or successor Officers of the Company and assign titles to any such person. Unless the Member decides otherwise, if the title is one commonly used for officers of a business corporation formed under the Delaware General Corporation Law, the assignment of such title shall constitute the delegation to such person of the authorities and duties that are normally associated with that office. Any delegation pursuant to this Section 8 may be revoked at any time by the Member. An Officer may be removed with or without cause at any time by the Member.

Section 11. Advisory Board. The Member may appoint any person or persons to act in an advisory capacity to the Company. Such a group shall be known as the Advisory Board.

Section 12. Capital Contributions. The Member shall make capital contributions to the Company from time to time, which amounts shall be set forth in the books and records of the Company.

Section 13. Transfers of Member Interest. The Member may sell, assign, pledge or otherwise transfer or encumber (collectively, a “Transfer”) any of its Limited Liability Company Interest in the Company to any Person so long as such Transfer is in writing.

Section 14. Resignation. The Member shall have the right to resign from the Company so long as such resignation is in writing. The provisions hereof with respect to distributions upon resignation are exclusive and no Member shall be entitled to claim any further or different distribution upon resignation under Section 18-604 of the Act or otherwise.

Section 15. Allocations and Distributions. Distributions of cash or other assets of the Company shall be made at such times and in such amounts as the Member may determine. Distributions shall be made to (and profits and losses of the Company shall be allocated among) the Member.

Section 16. Return of Capital. The Member has the right to receive any distributions which include a return of all or any part of such Member’s capital contribution, provided that

upon the dissolution and winding up of the Company, the assets of the Company shall be distributed as provided in Section 18-804 of the Act.

Section 17. Dissolution. The Company shall be dissolved and its affairs wound up upon the occurrence of an event causing a dissolution of the Company under Section 18-801 of the Act, except the Company shall not be dissolved upon the occurrence of an event that terminates the continued membership of a Member if (i) at the time of the occurrence of such event there are at least two Members of the Company, or (ii) within ninety (90) days after the occurrence of such event, all remaining Members agree in writing to continue the business of the Company and to the appointment, effective as of the date of such event, of one or more additional Members. In the event of dissolution, the Company shall conduct only such activities as are necessary to wind up its affairs (including the sale of the assets of the Company in an orderly manner), and the assets of the Company shall be applied in the manner, and in the order of priority set forth in Section 18-804 of the Act.

Section 18. Amendments. This Agreement may be amended only upon the written consent of the Member.

Section 19. Other Business. The Member may engage in or possess an interest in other business ventures of every kind and description, independently or with others. The Company shall not have any rights in or to such independent ventures or the income or profits therefrom by virtue of this Agreement.

Section 20. Limited Liability. The Member shall not have any liability for the debts, obligations or liabilities of the Company except to the extent provided by the Act.

Section 21. Exculpation; Indemnification. Neither the Member, the Officers nor any of their respective affiliates or agents (collectively, "Covered Persons") shall be liable to the Company or any other person or entity who has an interest in the Company for any loss, damage or claim incurred by reason of any act or omission performed or omitted by such Covered Person in good faith on behalf of the Company and in a manner reasonably believed to be within the scope of the authority conferred on such Member or Officer, as applicable, by this Agreement. To the fullest extent permitted by applicable law, each Covered Person shall be entitled to indemnification from the Company for any loss, damage or claim incurred by such Covered Person by reason of any act or omission performed or omitted by such Covered Person in good faith on behalf of the Company and in a manner reasonably believed to be within the scope of the authority conferred on such Member or Officer, as applicable, by this Agreement; provided, however, that any indemnity under this Section 21 shall be provided out of and to the extent of Company assets only, and neither the Member nor the Officer, as applicable, nor any other Covered Person, shall have personal liability on account thereof.

Section 22. Banking Matters. The Member and each Officer and any agent or employee of the Company, or other person designated by such Member or Officer is hereby authorized and empowered (A) to (i) establish one or more domestic or international accounts (including but not limited to, depository, checking, disbursement, custodian, or investment accounts, and other accounts as deemed necessary or expeditious for business purposes of the

Company) (“Accounts”), in the name of the Company with any bank, trust company, savings and loan institution, brokerage firm or other financial institution which said Member or Officer shall from time to time designate as a depository of funds, securities or other property of the Company, for any purpose and on terms and conditions deemed appropriate by such person on behalf of the Company; and (ii) close Accounts of the Company now or hereafter established; and (B) to assign, limit or revoke any and all authority of any agent or employee of the Company, or other person designated by such Member or Officer to (i) sign checks, drafts and orders for the payment of money drawn on the Company’s Accounts, and all notes of the Company and all acceptances and endorsements of the Company; (ii) execute or initiate electronic fund transfers; (iii) execute or initiate foreign currency exchange transactions; (iv) execute or initiate the investment of monies; and (v) initiate requests for information for any Account of the Company.

Section 23. Authorized Person. Delaware Business Incorporators, Inc. is hereby designated as an “authorized person” within the meaning of the Act, and has executed, delivered and filed the Certificate with the Secretary of State of the State of Delaware. Upon the filing of the Certificate with the Secretary of State of Delaware, Delaware Business Incorporators, Inc.’s powers as an “authorized person” ceased.

Section 24. Amendment. This Agreement may only be amended by a writing duly signed by the Member.

Section 25. Governing Law. This Agreement shall be governed by, and construed under, the laws of the State of Delaware, without regard to conflict of law rules.

IN WITNESS WHEREOF, the undersigned has duly executed this Agreement as of May 20, 2011.

MIAMI INTERNATIONAL HOLDINGS, INC.

By: 

Thomas P. Gallagher
Chairman

**SECOND AMENDED AND RESTATED
LIMITED LIABILITY COMPANY AGREEMENT
OF
MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
(a Delaware limited liability company)**

Miami International Holdings, Inc., a Delaware corporation, the sole member (the “LLC Member”) of Miami International Securities Exchange, LLC, a Delaware limited liability company (the “Company”), pursuant to and in accordance with the Delaware Limited Liability Company Act, 6 Del.C. § 18-101, et seq. (the “LLC Act”), hereby declares the following to be the Second Amended and Restated Limited Liability Company Agreement (the “LLC Agreement”) of the Company which amends and restates in its entirety the First Amended and Restated Limited Liability Company Agreement dated May 20, 2011 of the Company (the “Operating Agreement”). Capitalized terms not otherwise defined herein shall have the meanings set forth on Schedule A to this LLC Agreement.

Section 1. Formation of the Company. The Company has been formed as a limited liability company under the LLC Act by the filing of a Certificate of Formation with the Office of the Secretary of State of the State of Delaware. The LLC Member agrees to be bound by and comply with the provisions thereof and hereof.

Section 2. Name. The name of the Company is “Miami International Securities Exchange, LLC”.

Section 3. Principal Place of Business. The location of the principal place of business of the Company shall be 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540, or such other place as determined by the Board of Directors from time to time.

Section 4. Registered Office; Registered Agent. The registered office of the Company required by the LLC Act to be maintained in the State of Delaware shall be 3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6192, County of New Castle or such other office as the Board of Directors may designate from time to time. The registered agent for the Company shall be Delaware Business Incorporators, Inc., or such other registered agent as the Board of Directors may designate from time to time.

Section 5. Term. The Company shall continue until the Company is terminated in accordance with the provisions of this LLC Agreement.

Section 6. LLC Member. The mailing address of the LLC Member is set forth on Schedule B attached hereto. The LLC Member was admitted to the Company as an LLC Member of the Company upon its execution of a counterpart signature page to the Operating Agreement at which time it acquired 100% of the limited liability company interests of the Company.

Section 7. Purpose of the Company. The purpose of the Company shall be to conduct the operations of an “exchange” within the meaning of the Securities Exchange Act of

1934, as amended (the “Exchange Act”), and to conduct any lawful business or activity whatsoever, as permitted by applicable law and as determined from time to time by the board of directors of the Company (the “Board of Directors”).

Section 8. Powers. The Company, and the Board of Directors and the Officers of the Company on behalf of the Company, (i) shall have and exercise all powers necessary, convenient or incidental to accomplish its purposes as set forth in Section 7 and (ii) shall have and exercise all of the powers and rights conferred upon limited liability companies formed pursuant to the LLC Act.

Section 9. Management.

(a) Board of Directors. The business and affairs of the Company shall be managed by or under the direction of a Board of Directors. Each Director is hereby designated as a “manager” within the meaning of the LLC Act. All Directors shall be elected by the LLC Member in the manner described in the By-Laws (as defined below). Each Director shall execute and deliver an instrument accepting such appointment and agreeing to be bound by all the terms and conditions of this LLC Agreement and the By-Laws. A Director need not be an LLC Member or an Exchange Member. The Directors as of the date of this LLC Agreement are set forth on Schedule C attached hereto.

(b) Powers. The Board of Directors shall have the power to do any and all acts necessary, convenient or incidental to or for the furtherance of the purposes described herein, including all powers, statutory or otherwise. The Board of Directors has the authority to bind the Company.

(c) By-Laws. The Company, the LLC Member and the Board of Directors hereby adopt the By-Laws of the Company in the form attached hereto as Exhibit A, as the same may be amended from time to time in accordance with the terms therein and in this LLC Agreement (the “By-Laws”). Each member of the Board of Directors, each Officer and the LLC Member shall be subject to the express provisions of this LLC Agreement and of the By-Laws. In case of any conflict between the provisions of this LLC Agreement and any provisions of the By-Laws, the provisions of this LLC Agreement shall control.

(d) Directors as Agents. To the extent of their powers set forth in this LLC Agreement, the Directors are agents of the Company for the purpose of the Company’s business, and the actions of the Directors taken in accordance with such powers set forth in this LLC Agreement shall bind the Company. Notwithstanding the last sentence of Section 18-402 of the LLC Act, except as provided in this LLC Agreement, the By-Laws or in a resolution of the Directors, a Director may not bind the Company.

Section 10. Officers.

(a) Officers of the Company. Except as provided herein, the Board may, from time to time as it deems advisable, select natural persons who are employees or agents of the Company and designate them as officers of the Company (the “Officers”) and assign titles

(including, without limitation, Chief Executive Officer, Vice President, Chief Financial Officer, Chief Regulatory Officer, Secretary and Treasurer) to any such person. The Board may appoint such other Officers and agents as it shall deem necessary or advisable who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board. The salaries of all Officers and agents of the Company shall be fixed by or in the manner prescribed by the By-Laws. The Officers of the Company shall hold office until their successors are chosen and qualified. Any Officer may be removed at any time, with or without cause, by the Board. Any vacancy occurring in any office of the Company shall be filled by the Board.

(b) Officers as Agents. The Officers, to the extent of their powers set forth in this LLC Agreement, the By-Laws or otherwise vested in them by action of the Board not inconsistent with this LLC Agreement, are agents of the Company for the purpose of the Company's business, and the actions of the Officers taken in accordance with such powers shall bind the Company.

(c) Duties of Board and Officers. Except to the extent otherwise modified herein, each Director and Officer shall have a fiduciary duty of loyalty and care similar to that of directors and officers of business corporations organized under the General Corporation Law of the State of Delaware.

Section 11. Advisory Board. The LLC Member may appoint any person or persons to act in an advisory capacity to the Company. Such a group shall be known as the Advisory Board.

Section 12. Limited Liability. Except as otherwise expressly provided by the LLC Act, the debts, obligations and liabilities of the Company, whether arising in contract, tort or otherwise (including, without limitation, those arising as member, owner or shareholder of another company, partnership or entity), shall be the debts, obligations and liabilities solely of the Company, and neither the LLC Member nor any Director or Officer shall be obligated personally for any such debt, obligation or liability of the Company solely by reason of being an LLC Member or Director or Officer of the Company.

Section 13. Capital Contributions. The LLC Member has contributed to the Company the amounts set forth in the books and records of the Company.

Section 14. Additional Contributions. The LLC Member is not required to make any additional capital contribution to the Company. However, the LLC Member may make additional capital contributions to the Company at any time upon the consent of such LLC Member. To the extent that the LLC Member makes an additional capital contribution to the Company, the LLC Member shall revise the books and records of the Company. The provisions of this LLC Agreement, including this Section 14, are intended to benefit the LLC Member and, to the fullest extent permitted by law, shall not be construed as conferring any benefit upon any creditor of the Company (and no such creditor of the Company shall be a third-party beneficiary of this LLC Agreement), and the LLC Member shall not have any duty or obligation to any

creditor of the Company to make any contribution to the Company or to issue any call for capital pursuant to this LLC Agreement.

Section 15. Allocation of Profits and Losses. The Company's profits and losses shall be allocated to the LLC Member.

Section 16. Distributions. Distributions shall be made to the LLC Member at the times and in the aggregate amounts determined by the Board. Notwithstanding any provision to the contrary contained in this LLC Agreement, (i) the Company shall not be required to make a distribution to the LLC Member on account of its interest in the Company if such distribution would violate the LLC Act or any other applicable law, and (ii) the Company shall not make a distribution to the LLC Member using Regulatory Funds.

Section 17. Books and Records.

(a) The Board shall keep or cause to be kept complete and accurate books of account and records with respect to the Company's business. The books and records of the Company shall at all times be maintained by the Board at a location within the United States. The LLC Member and its duly authorized representatives shall have the right to examine the Company books, records and documents during normal business hours. The Company, and the Board on behalf of the Company, shall not have the right to keep confidential from the LLC Member any information that the Board would otherwise be permitted to keep confidential from the LLC Member pursuant to Section 18-305(c) of the LLC Act. The Company's books of account shall be kept using the method of accounting determined by the LLC Member. The Company's independent auditor shall be an independent public accounting firm selected by the Board.

(b) All books and records of the Company reflecting confidential information pertaining to the self-regulatory function of the Company (including but not limited to disciplinary matters, trading data, trading practices, and audit information) shall be retained in confidence by the Company and its personnel and will not be used by the Company for any non-regulatory purposes and shall not be made available to any person (including, without limitation, any Exchange Member) other than to personnel of the Commission, and those personnel of the Company, members of committees of the Company, members of the Board, hearing officers and other agents of the Company to the extent necessary or appropriate to properly discharge the self-regulatory responsibilities of the Company.

Section 18. Reports. The Board shall, after the end of each fiscal year, use reasonable efforts to cause the Company's independent accountants to prepare and transmit to the LLC Member as promptly as possible any such tax information as may be reasonably necessary to enable the LLC Member to prepare its federal, state and local income tax returns relating to such fiscal year.

Section 19. Other Business. Unless otherwise restricted by law, the LLC Member, and any Officer, Director, employee or agent of the Company and any Affiliate of the LLC Member may engage in or possess an interest in other business ventures (unconnected with the

Company) of every kind and description, independently or with others. The Company shall not have any rights in or to such independent ventures or the income or profits therefrom by virtue of this LLC Agreement.

Section 20. Exculpation and Indemnification.

(a) Neither the LLC Member nor any Officer, Director, employee or agent of the Company nor any employee, representative, agent or affiliate of the LLC Member (collectively, the “Covered Persons”) shall be liable to the Company or any other Person who is bound by this LLC Agreement for any loss, damage or claim incurred by reason of any act or omission performed or omitted by such Covered Person in good faith on behalf of the Company and in a manner reasonably believed to be within the scope of the authority conferred on such Covered Person by this LLC Agreement, except that a Covered Person shall be liable for any such loss, damage or claim incurred by reason of such Covered Person’s willful misconduct.

(b) To the fullest extent permitted by applicable law, a Covered Person shall be entitled to indemnification from the Company for any loss, damage or claim incurred by such Covered Person by reason of any act or omission performed or omitted by such Covered Person in good faith on behalf of the Company and in a manner reasonably believed to be within the scope of the authority conferred on such Covered Person by this LLC Agreement, except that no Covered Person shall be entitled to be indemnified in respect of any loss, damage or claim incurred by such Covered Person by reason of such Covered Person’s willful misconduct with respect to such acts or omissions; provided, however, that any indemnity under this Section 20 by the Company shall be provided out of and to the extent of Company assets only, and the LLC Member shall not have personal liability on account thereof.

(c) To the fullest extent permitted by applicable law, expenses (including reasonable legal fees) incurred by a Covered Person defending any claim, demand, action, suit or proceeding shall, from time to time, be advanced by the Company prior to the final disposition of such claim, demand, action, suit or proceeding upon receipt by the Company of an undertaking by or on behalf of the Covered Person to repay such amount if it shall be determined that the Covered Person is not entitled to be indemnified as authorized in this Section 20.

(d) A Covered Person shall be fully protected in relying in good faith upon the records of the Company and upon such information, opinions, reports or statements presented to the Company by any Person as to matters the Covered Person reasonably believes are within such other Person’s professional or expert competence and who has been selected with reasonable care by or on behalf of the Company, including information, opinions, reports or statements as to the value and amount of the assets, liabilities or any other facts pertinent to the existence and amount of assets from which distributions to the LLC Member might properly be paid.

(e) To the extent that, at law or in equity, a Covered Person has duties (including fiduciary duties) and liabilities relating thereto to the Company or to any other Covered Person, a Covered Person acting under this LLC Agreement shall not be liable to the Company or to any other Covered Person who is bound by this LLC Agreement for its good faith

reliance on the provisions of this LLC Agreement or any approval or authorization granted by the Company or any other Covered Person.

(f) The foregoing provisions of this Section 20 shall survive any termination of this LLC Agreement and are in addition to any indemnification of Covered Persons provided by any agreement between the Company and a Covered Person, the By-Laws, by statute, or otherwise.

Section 21. Assignments. The LLC Member may assign, in whole or in part, its limited liability company interest in the Company (the “LLC Interest”); provided, however, such assignment will be subject to prior approval by the Securities and Exchange Commission (the “Commission”) pursuant to the rule filing procedure under Section 19 of the Exchange Act. The assignment of the LLC Interest shall entitle the assignee to exercise the rights of the LLC Member of the Company under this LLC Agreement and to enjoy all of the benefits of the LLC Interest.

Section 22. Dissolution.

(a) The Company shall be dissolved and its affairs shall be wound up upon the first to occur of the following: (i) the consent of the LLC Member and a majority of the whole Board, (ii) the termination of the legal existence of the LLC Member or the occurrence of any other event that terminates the continued membership of the LLC Member in the Company unless the Company is continued without dissolution in a manner permitted by this LLC Agreement or the LLC Act or (iii) the entry of a decree of judicial dissolution under Section 18-802 of the LLC Act.

(b) Notwithstanding any other provision of this LLC Agreement, the Bankruptcy of the LLC Member shall not cause the LLC Member to cease to be an LLC Member of the Company and upon the occurrence of such an event, the Company shall continue without dissolution.

(c) In the event of dissolution, the Company shall conduct only such activities as are necessary to wind up its affairs (including the sale of the assets of the Company in an orderly manner), and the assets of the Company shall be applied in the manner, and in the order of priority, set forth in Section 18-804 of the LLC Act.

(d) The Company shall terminate when (i) all of the assets of the Company, after payment of or due provision for all debts, liabilities and obligations of the Company, shall have been distributed to the LLC Member in the manner provided for in this LLC Agreement and (ii) the Certificate of Formation shall have been canceled in the manner required by the LLC Act.

Section 23. Benefits of LLC Agreement - No Third-Party Rights. None of the provisions of this LLC Agreement shall be for the benefit of or enforceable by any creditor of the Company or by any creditor of the LLC Member. Nothing in this LLC Agreement shall be deemed to create any right in any Person (other than Covered Persons and to the extent provided

in Article II of the By-Laws, Exchange Members) not a party hereto, and this LLC Agreement shall not be construed in any respect to be a contract in whole or in part for the benefit of any third Person (other than the Covered Persons and to the extent provided in Article II of the By-Laws, Exchange Members).

Section 24. Severability of Provisions. Each provision of this LLC Agreement shall be considered severable and if for any reason any provision or provisions herein are determined to be invalid, unenforceable or illegal under any existing or future law, such invalidity, unenforceability or illegality shall not impair the operation of or affect those portions of this LLC Agreement which are valid, enforceable and legal.

Section 25. Entire LLC Agreement. This LLC Agreement constitutes the entire agreement of the parties with respect to the subject matter hereof.

Section 26. Binding Agreement. Notwithstanding any other provision of this LLC Agreement, the LLC Member agrees that this LLC Agreement constitutes a legal, valid and binding agreement of the LLC Member and is enforceable against the LLC Member, in accordance with its terms.

Section 27. Governing Law. This LLC Agreement shall be governed by and construed under the laws of the State of Delaware (without regard to conflict of laws principles), all rights and remedies being governed by said laws.

Section 28. Amendments.

(a) This LLC Agreement may be modified, altered, supplemented or amended by a resolution adopted by the Board and a written agreement executed and delivered by the LLC Member.

(b) Before any amendment to, or repeal of, any provision of this LLC Agreement shall be effective, those changes shall be submitted to the Board of Directors of the Company and if such amendment or repeal must be filed with or filed with and approved by the Commission, then the proposed changes to this LLC Agreement shall not become effective until filed with or filed with and approved by the Commission, as the case may be.

Section 29. Notices. Any notices required to be delivered hereunder shall be in writing and personally delivered, mailed or sent by telecopy, electronic mail or other similar form of rapid transmission, and shall be deemed to have been duly given upon receipt (i) in the case of the Company, to the Company at its address in Section 3, (ii) in the case of the LLC Member, to the LLC Member at its address as listed on Schedule B attached hereto and (iii) in the case of either of the foregoing, at such other address as may be designated by written notice to the other party.

IN WITNESS WHEREOF, the undersigned, intending to be legally bound hereby, has duly executed this Second Amended and Restated Limited Liability Company Agreement as of the _____ day of _____, _____.

MEMBER:

MIAMI INTERNATIONAL HOLDINGS, INC.

By: _____

Name:

Title:

SCHEDULE A

Definitions

A. Definitions

When used in this LLC Agreement, the following terms not otherwise defined herein have the following meanings:

An “affiliate” of, or person “affiliated” with a specific person, is a person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person specified.

“Bankruptcy” means, with respect to any Person, if (A) such Person (i) makes an assignment for the benefit of creditors, (ii) files a voluntary petition in bankruptcy, (iii) is adjudged a bankrupt or insolvent, or has entered against it an order for relief, in any bankruptcy or insolvency proceedings, (iv) files a petition or answer seeking for itself any reorganization, arrangement, composition, readjustment, liquidation or similar relief under any statute, law or regulation, (v) files an answer or other pleading admitting or failing to contest the material allegations of a petition filed against it in any proceeding of this nature, or (vi) seeks, consents to or acquiesces in the appointment of a trustee, receiver or liquidator of the Person or of all or any substantial part of its properties; or (B) (i) 120 days after the commencement of any proceeding against the Person seeking reorganization, arrangement, composition, readjustment, liquidation or similar relief under any statute, law or regulation, the proceeding has not been dismissed, or (ii) within 90 days after the appointment without such Person’s consent or acquiescence of a trustee, receiver or liquidator of such Person or of all or any substantial part of its properties, the appointment is not vacated or stayed, or within 90 days after the expiration of any such stay, the appointment is not vacated. The foregoing definition of “Bankruptcy” is intended to replace and shall supersede and replace the definition of “Bankruptcy” set forth in Sections 18-101(1) and 18-304 of the LLC Act.

“Board” or “Board of Directors” means the Board of Directors of the Company.

“By-Laws” has the meaning set forth in Section 9(c).

“Certificate of Formation” means the Certificate of Formation of the Company filed with the Secretary of State of the State of Delaware on September 10, 2007 as amended or amended and restated from time to time.

“Commission” means the Securities and Exchange Commission.

“Company” means Miami International Securities Exchange, LLC, a Delaware limited liability company.

“Covered Persons” has the meaning set forth in Section 20.

“Directors” means the Persons elected or appointed to the Board of Directors from time to time in accordance with this LLC Agreement and the By-Laws, in their capacity as managers of the Company.

“Exchange Act” means the Securities Exchange Act of 1934, as amended.

“Exchange Member” means any registered broker or dealer that has been admitted to membership in the national securities exchange operated by the Company. An Exchange Member is not a member of the Company by reason of being an Exchange Member.

“LLC Act” has the meaning set forth in the preamble to this LLC Agreement.

“LLC Agreement” means this Limited Liability Company Agreement of the Company, together with the schedules attached hereto, as amended, restated, supplemented or otherwise modified from time to time.

“LLC Interest” has the meaning set forth in Section 21.

“LLC Member” means Miami International Holdings, Inc., as the sole member of the Company.

“Officer” means an officer of the Company described in Section 10.

“Operating Agreement” has the meaning set forth in the preamble to this LLC Agreement.

“Person” means any individual, corporation, partnership, joint venture, limited liability company, limited liability partnership, association, joint stock company, trust, unincorporated organization or other organization, whether or not a legal entity, and any governmental authority.

“Regulatory Funds” means fees, fines, or penalties derived from the regulatory operations of the Company. “Regulatory Funds” shall not be construed to include revenues derived from listing fees, market data revenues, transaction revenues, or any other aspect of the commercial operations of the Company, even if a portion of such revenues are used to pay costs associated with the regulatory operations of the Company.

B. Rules of Construction

Definitions in this LLC Agreement apply equally to both the singular and plural forms of the defined terms. The words “include” and “including” shall be deemed to be followed by the phrase “without limitation.” The terms “herein,” “hereof” and “hereunder” and other words of similar import refer to this LLC Agreement as a whole and not to any particular Section, paragraph or subdivision. The Section titles appear as a matter of convenience only and shall not affect the interpretation of this LLC Agreement. All Section, paragraph, clause, Exhibit or Schedule references not attributed to a particular document shall be references to such parts of this LLC Agreement.

SCHEDULE B

LLC Member

<u>Name</u>	<u>Mailing Address</u>	<u>Limited Liability Company Interest</u>
Miami International Holdings, Inc.	7 Roszel Road Princeton, NJ 08540	100%

SCHEDULE C

Directors as of _____, 2012

	<u>Name</u>	<u>Classification</u>
1.	Thomas P. Gallagher	Industry
2.	Michael P. Ameen	Non-Industry
3.	Lindsay L. Burbage	Non-Industry/Independent
4.	Leslie Florio	Non-Industry/Independent
5.	Lawrence E. Jaffe	Non-Industry/Independent
6.	John E. McCormac	Non-Industry/Independent
7.	William J. O'Brien IV	Non-Industry
8.	Robert D. Prunetti	Non-Industry/Independent
9.	Cynthia Schwarzkopf	Non-Industry/Independent
10.	J. Gray Teekell	Non-Industry

EXHIBIT A

BY-LAWS OF MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Attached

**BY-LAWS
OF
MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
(a Delaware limited liability company)**

These By-Laws have been established as the By-laws of Miami International Securities Exchange, LLC, a Delaware limited liability company (the "Company"), pursuant to the Second Amended and Restated Limited Liability Company Agreement of the Company, dated as of _____, 2012 (as amended from time to time, the "LLC Agreement"), and, together with the LLC Agreement, constitute the limited liability company agreement of the Company within the meaning of the LLC Act (as defined in the LLC Agreement). In the event of any inconsistency between the LLC Agreement and these By-Laws, the provision of the LLC Agreement shall control.

**ARTICLE I
Definitions**

When used in these By-Laws, unless the context otherwise requires, the terms set forth below shall have the following meanings:

- (a) "Act" means the Securities Exchange Act of 1934, as amended.
- (b) An "affiliate" of, or person "affiliated" with a specific person, is a person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person specified.
- (c) "Board" or "Board of Directors" means the Board of Directors of the Company.
- (d) "broker" shall have the same meaning as in Section 3(a)(4) of the Act.
- (e) "Certificate of Formation" means the Certificate of Formation of the Company filed with the office of the Secretary of State of the State of Delaware on September 10, 2007 as amended or amended and restated from time to time.
- (f) "Commission" means the Securities and Exchange Commission.
- (g) "Company" means Miami International Securities Exchange, LLC, a Delaware limited liability company.
- (h) "day" means calendar day.
- (i) "dealer" shall have the same meaning as in Section 3(a)(5) of the Act.

(j) “Director” means the persons elected or appointed to the Board of Directors from time to time in accordance with the LLC Agreement and these By-Laws in their capacity as managers of the Company.

(k) “Exchange” means the national securities exchange operated by the Company.

(l) “Exchange Member” means any registered broker or dealer that has been admitted to membership in the national securities exchange operated by the Company. An Exchange Member is not a member of the Company by reason of being an Exchange Member. An Exchange Member will have the status of a “member” of the Exchange as that term is defined in Section 3(a)(3) of the Act.

(m) “Executive Representative” means the person identified to the Company by an Exchange Member as the individual authorized to represent, vote, and act on behalf of the Exchange Member. An Exchange Member may change its Executive Representative or appoint a substitute for its Executive Representative upon giving notice thereof to the Secretary of the Company via electronic process or such other process as the Company may prescribe. An Executive Representative of an Exchange Member or a substitute shall be a member of senior management of the Exchange Member.

(n) “Independent Director” means a Director who has no material relationship with the Company or any affiliate of the Company, or any Exchange Member or any affiliate of any such Exchange Member; *provided*, however, that an individual who otherwise qualifies as an Independent Director shall not be disqualified from serving in such capacity solely because such Director is a Director of the Company or its LLC Member.

(o) “Independent member” means a member of any committee who has no material relationship with the Company or any affiliate of the Company, or any Exchange Member or any affiliate of any such Exchange Member, other than as a committee member. The term Independent member may but is not required to refer to an Independent Director who serves on a committee.

(p) “Industry Director” means a Director who (i) is or has served in the prior three years as an officer, director, or employee of a broker or dealer, excluding an outside director or a director not engaged in the day-to-day management of a broker or dealer; (ii) is an officer, director (excluding an outside director), or employee of an entity that owns more than 10% of the equity of a broker or dealer, and the broker or dealer accounts for more than 5% of the gross revenues received by the consolidated entity; (iii) owns more than 5% of the equity securities of any broker or dealer, whose investments in brokers or dealers exceed 10% of his or her net worth, or whose ownership interest otherwise permits him or her to be engaged in the day-to-day management of a broker or dealer; (iv) provides professional services to brokers or dealers, and such services constitute 20% or more of the professional revenues received by the Director or 20% or more of the gross revenues received by the Director’s firm or partnership; (v) provides professional services to a director, officer, or employee of a broker, dealer, or corporation that owns 50% or more of the voting stock of a broker or dealer, and such services relate to the director’s, officer’s, or employee’s professional capacity and constitute 20% or more of the

professional revenues received by the Director or member or 20% or more of the gross revenues received by the Director's or member's firm or partnership; or (vi) has a consulting or employment relationship with or provides professional services to the Company or any affiliate thereof or has had any such relationship or provided any such services at any time within the prior three years.

(q) "Industry member" means a member of any committee or hearing panel who (i) is or has served in the prior three years as an officer, director, or employee of a broker or dealer, excluding an outside director or a director not engaged in the day-to-day management of a broker or dealer; (ii) is an officer, director (excluding an outside director), or employee of an entity that owns more than 10% of the equity of a broker or dealer, and the broker or dealer accounts for more than 5% of the gross revenues received by the consolidated entity; (iii) owns more than 5% of the equity securities of any broker or dealer, whose investments in brokers or dealers exceed 10% of his or her net worth, or whose ownership interest otherwise permits him or her to be engaged in the day-to-day management of a broker or dealer; (iv) provides professional services to brokers or dealers, and such services constitute 20% or more of the professional revenues received by the Director or 20% or more of the gross revenues received by the Director's firm or partnership; (v) provides professional services to a director, officer, or employee of a broker, dealer, or corporation that owns 50% or more of the voting stock of a broker or dealer, and such services relate to the director's, officer's, or employee's professional capacity and constitute 20% or more of the professional revenues received by the Director or member or 20% or more of the gross revenues received by the Director's or member's firm or partnership; or (vi) has a consulting or employment relationship with or provides professional services to the Company or any affiliate thereof or has had any such relationship or provided any such services at any time within the prior three years.

(r) "List of Candidates" means the list of nominees for Member Representative Director positions as nominated by the Member Nominating Committee and amended by petitions filed by Exchange Members. The List of Candidates is submitted to Exchange Members for the final selection of nominees to be elected by the LLC Member to serve as Member Representative Directors.

(s) "LLC Act" means the Delaware Limited Liability Company Act, 6 §18-101, et seq.

(t) "LLC Member" means any person who maintains a direct ownership interest in the Company. The sole LLC Member of the Company shall be Miami International Holdings, Inc.

(u) "Member Nominating Committee" means the Member Nominating Committee elected pursuant to these By-Laws.

(v) "Member Representative Director" means a Director who has been appointed as such to the initial Board of Directors pursuant to Article II, Section 2.5 of these By-Laws, or elected by the LLC Member after having been nominated by the Member Nominating Committee or by an Exchange Member pursuant to these By-Laws and confirmed as the

nominee of Exchange Members after majority vote of Exchange Members, if applicable. A Member Representative Director may, but is not required to be an officer, director, employee, or agent of an Exchange Member.

(w) “Member Representative member” means a member of any committee or hearing panel appointed by the Board who has been elected or appointed after having been nominated by the Member Nominating Committee pursuant to these By-Laws and who is an officer, director, employee, or agent of an Exchange Member.

(x) “Nominating Committee” means the Nominating Committee elected pursuant to these By-Laws.

(y) “Non-Industry Director” means a Director who is (i) an Independent Director; or (ii) any other individual who would not be an Industry Director.

(z) “Non-Industry member” means a member of any committee who is (i) an Independent member; or (ii) any other individual who would not be an Industry member.

(aa) “person” shall mean a natural person, partnership, corporation, limited liability company, entity, government, or political subdivision, agency or instrumentality of a government.

(bb) “person associated with an Exchange Member” or “associated person of an Exchange Member” means any partner, officer, or director of an Exchange Member (or person occupying a similar status or performing similar functions), any person directly or indirectly controlling, controlled by, or under common control with such Exchange Member, or any employee of such Exchange Member.

(cc) “Record Date” means a date at least thirty-five (35) days before the date announced as the date for the annual meeting of the LLC Member and set as the last date on which Exchange Members may petition to add to the List of Candidates and used to determine whether Exchange Members are entitled to vote on the final List of Candidates.

(dd) “registered broker or dealer” means any registered broker or dealer, as defined in Section 3(a)(48) of the Act, that is registered with the Commission under the Act.

(ee) “Regulatory Funds” means fees, fines, or penalties derived from the regulatory operations of the Company. “Regulatory Funds” shall not be construed to include revenues derived from listing fees, market data revenues, transaction revenues, or any other aspect of the commercial operations of the Company, even if a portion of such revenues are used to pay costs associated with the regulatory operations of the Company.

(ff) “Rules” or “Exchange Rules” shall have the same meaning as set forth in Section 3(a)(27) of the Act.

(gg) “statutory disqualification” shall have the same meaning as in Section 3(a)(39) of the Act.

ARTICLE II **Board of Directors**

Section 2.1 Powers

(a) The business and affairs of the Company shall be managed by its Board, except to the extent that the authority, powers and duties of such management shall be delegated to a committee or committees of the Board pursuant to these By-Laws or the Rules. The Board of Directors shall have the power to do any and all acts necessary, convenient or incidental to or for the furtherance of the purposes described herein, including all powers, statutory or otherwise. To the fullest extent permitted by applicable law and these By-Laws, the Board may delegate any of its powers to a committee appointed pursuant to Article IV or to any officer, employee or agent of the Company.

(b) The Board shall have the power to adopt, amend or repeal the Rules in accordance with Article IX, Section 9.1.

(c) The Board may adopt such rules, regulations, and requirements for the conduct of the business and management of the Company, not inconsistent with law, the Certificate of Formation, the LLC Agreement or these By-Laws, as the Board may deem proper. A Director shall, in the performance of such Director’s duties, be fully protected, to the fullest extent permitted by law, in relying in good faith upon the books of account or reports made to the Company by any of its officers, by an independent certified public accountant, by an appraiser selected with reasonable care by the Board or any committee of the Board or by any agent of the Company, or in relying in good faith upon other records of the Company.

(d) In connection with managing the business and affairs of the Company, the Board shall consider applicable requirements for registration as a national securities exchange under Section 6(b) of the Act, including, without limitation, the requirements that (i) the Rules shall be designed to protect investors and the public interest and (ii) the Company shall be so organized and have the capacity to carry out the purposes of the Act and to enforce compliance by its “members,” as that term is defined in Section 3 of the Act (such statutory members being referred to in these By-Laws as “Exchange Members”) and persons associated with Exchange Members, with the provisions of the Act, the rules and regulations under the Act, and the Rules of the Exchange. In furtherance of the foregoing, the Board shall, among other things, approve the Exchange’s budget which shall be adequate for the operation of the Exchange and for the Exchange to carry out its responsibilities under the Act. In connection therewith, the Board shall approve the Exchange’s regulatory budget which shall be adequate for the regulation of the Exchange.

(e) In light of the unique nature of the Company and its operations and in light of the Company’s status as a self-regulatory organization, the Board, when evaluating any proposal, shall, to the fullest extent permitted by applicable law, take into account all factors that

the Board deems relevant, including, without limitation, to the extent deemed relevant: (i) the potential impact thereof on the integrity, continuity and stability of the national securities exchange operated by the Company and the other operations of the Company, on the ability to prevent fraudulent and manipulative acts and practices and on investors and the public, and (ii) whether such would promote just and equitable principles of trade, foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to and facilitating transactions in securities or assist in the removal of impediments to or perfection of the mechanisms for a free and open market and a national market system.

Section 2.2 Composition of the Board

(a) The number of Directors shall be not less than ten (10) including the Chief Executive Officer of the Company. The number of Directors may be fixed from time to time by the LLC Member at any time in its sole and absolute discretion, upon notice to all Directors subject to the minimum number provided for in this Section 2.2(a). No decrease in the number of Directors shall have the effect of shortening the term of any incumbent Director.

(b) At all times the Board of Directors shall consist of one (1) Director who is the Chief Executive Officer of the Company and sufficient numbers of Non-Industry (including Independent), Industry and Member Representative Directors to meet the following composition requirements:

(i) The number of Non-Industry Directors, including at least one Independent Director, shall equal or exceed the sum of the number of Industry Directors and Member Representative Directors elected pursuant to Article II, Section 2.4 or Section 2.5; and

(ii) The number of Member Representative Directors shall be at least twenty (20) percent of the Board.

(c) The Secretary shall collect from each nominee for Director such information as is reasonably necessary to serve as the basis for a determination of the nominee's classification as a Member Representative, Non-Industry or Independent Director, if applicable, and the Secretary shall certify to the Nominating Committee or Member Nominating Committee each nominee's classification, if applicable. Directors shall update the information submitted under this subsection at least annually and upon request of the Secretary, and shall report immediately to the Secretary any change in such information.

(d) A Director may not be subject to a statutory disqualification.

(e) The current Board of Directors consists of the Directors elected by the LLC Member and set forth on Schedule C to the LLC Agreement (the "Current Directors"). In addition to the Current Directors, interim Member Representative Directors shall be elected to the Board of Directors pursuant to the provisions set forth in Article II, Section 2.5 below (the "Interim Member Representative Directors"). The Current Directors and the Interim Member Representative Directors (together, the "Interim Directors") shall not be divided into classes as set forth in Section 2.3(b) and shall serve only until the first annual meeting of the LLC Member

following the approval of the Company as a national securities exchange by the Commission, which meeting shall be held within ninety (90) days after the Exchange's application for registration as a national securities exchange is granted.

Section 2.3 Terms of Office

(a) The Board term of the Chief Executive Officer shall expire when such individual ceases to be Chief Executive Officer of the Company.

(b) Each of the Non-Industry and Industry Directors (including Member Representative Directors) shall be divided into three (3) classes, designated Class I, Class II and Class III, which shall be as nearly equal in number and classification as the total number of such Directors then serving on the Board permits. Directors other than the Chief Executive Officer shall serve staggered three-year terms, with the term of office of one class expiring each year. A Director may serve for any number of terms, consecutive or otherwise. In order to commence such staggered three-year terms, Directors in Class I shall hold office until the second annual election of the Board of Directors, Directors in Class II shall initially hold office until the third annual election of the Board of Directors, and Directors in Class III shall initially hold office until the fourth annual election of the Board of Directors. Commencing with the second annual election of the Board of Directors, the term of office for each class of Directors elected at such time shall be three years from the date of their election. Notwithstanding the foregoing, in the case of any new Director as contemplated by Article II, Section 2.2(a), such Director shall be added to a class, as determined by the Board at the time of such Director's initial election or appointment, and shall have an initial term expiring at the same time as the term of the class to which such Director has been added.

Section 2.4 Nomination and Election

(a) The Nominating Committee each year shall nominate Directors for each Director position standing for election at the annual meeting of the LLC Member that year. For positions requiring persons who qualify as Member Representative Directors, the Nominating Committee shall nominate only those persons whose names have been approved and submitted by the Member Nominating Committee, and approved by, if applicable, Exchange Members pursuant to the procedures set forth below in this Section 2.4.

(b) The Member Nominating Committee shall consult with the Nominating Committee, the Chairman and Chief Executive Officer, and shall solicit comments from Exchange Members for the purpose of approving and submitting names of candidates for election to the position of Member Representative Director. A Member Representative Director may, but is not required to be an officer, director, employee, or agent of an Exchange Member.

(c) Not later than sixty (60) days prior to the date announced as the date for the annual meeting of the LLC Member, the Member Nominating Committee shall report to the Nominating Committee and the Secretary the initial nominees for Member Representative Director positions on the Board that have been approved and submitted by the Member Nominating Committee. The Secretary shall promptly notify Exchange Members of those initial

nominees. Exchange Members may identify other candidates (“Petition Candidates” for purposes of this Section 2.4) for the Member Representative Director positions by delivering to the Secretary, at least thirty-five (35) days before the date announced as the date for the annual meeting of the LLC Member (the “Record Date” for purposes of this Section 2.4), a written petition, which shall designate the candidate by name and office and shall be signed by Executive Representatives of ten percent (10%) or more of the Exchange Members. An Exchange Member may endorse as many candidates as there are Member Representative Director positions to be filled. No Exchange Member, together with its affiliates, may account for more than fifty percent (50%) of the signatures endorsing a particular candidate, and any signatures of such Exchange Member, together with its affiliates, in excess of the fifty percent (50%) limitation shall be disregarded.

(d) Each petition for a Petition Candidate must include a completed questionnaire used to gather information concerning Member Representative Director candidates and must be filed with the Company (the Company shall provide the form of questionnaire upon the request of any Exchange Member).

(e) If no valid petitions from Exchange Members are received by the Record Date, the initial nominees approved and submitted by the Member Nominating Committee shall be nominated as Member Representative Directors by the Nominating Committee. If one or more valid petitions from Exchange Members are received by the Record Date, the Secretary shall include such additional nominees, along with the initial nominees nominated by the Member Nominating Committee, on a list of nominees (the “List of Candidates”). Upon completion, the List of Candidates shall be sent by the Secretary to all Exchange Members that were Exchange Members on the Record Date, by any means, including electronic transmission, to confirm the nominees for the Member Representative Director positions. The List of Candidates shall be accompanied by a notice regarding the time and date of an election to be held at least twenty (20) days prior to the annual LLC Member meeting to confirm the Exchange Members’ selections of nominees for Member Representative Directors.

(f) With respect to the election held to determine the final nomination of Member Representative Directors, each Exchange Member shall have the right to cast one (1) vote for each available Member Representative Director nomination; provided, however, that any such vote must be cast for a person on the List of Candidates and that no Exchange Member, together with its affiliates, may account for more than twenty percent (20%) of the votes cast for a candidate, and any votes cast by such Exchange Member, together with its affiliates, in excess of such twenty percent (20%) limitation shall be disregarded. The votes shall be cast by written ballot, electronic transmission or any other means as set forth in a notice to the Exchange Members sent by the Company prior to such election. Only votes received prior to 5:00 p.m. Eastern Time on the date of the election shall count for the nomination of a Member Representative Director. The persons on the List of Candidates who receive the most votes shall be selected as the nominees for the Member Representative Director positions to be elected by the LLC Member. Tie votes by the Exchange Members shall be decided by the Member Nominating Committee.

Section 2.5 Interim Directors

(a) The Interim Directors of the Board of Directors shall be appointed by the LLC Member and shall serve until the first annual meeting of the LLC Member following the approval of the Company as a national securities exchange by the Commission, which meeting shall be held within ninety (90) days after the Exchange's application for registration as a national securities exchange is granted. The Interim Member Representative Directors shall be appointed in accordance with the provisions of this Section 2.5.

(b) The Interim Member Representative Directors shall be appointed by the LLC Member by a consent in writing signed by the LLC Member pursuant to the provisions of Article III, Section 3.3 below and in accordance with this Section 2.5 (the "LLC Member Consent"). At least thirty (30) days prior to the date announced as the effective date for the LLC Member Consent (the "Consent Date"), the LLC Member shall report to the Secretary the initial nominees for Interim Member Representative Director positions on the Board that have been approved and submitted by the LLC Member (the "Initial Interim Member Representative Director Nominees"). At least twenty five (25) days prior to the Consent Date the Secretary shall notify the Exchange Member Applicants of those Initial Interim Member Representative Director Nominees (the "Interim Member Representative Director Nominee Notice"). Exchange Member Applicants may identify other candidates ("Interim Member Representative Director Petition Candidates" for purposes of this Section 2.5) for the Interim Member Representative Director positions by delivering to the Secretary, no later than fourteen (14) days after the date of the Interim Member Representative Director Nominee Notice (the "Interim Record Date" for purposes of this Section 2.5), a written petition, which shall designate the candidate by name and office and shall be signed by Executive Representatives of ten percent (10%) or more of the Exchange Member Applicants. An Exchange Member Applicant may endorse as many candidates as there are Interim Member Representative Director positions to be filled. No Exchange Member Applicant, together with its affiliates, may account for more than fifty percent (50%) of the signatures endorsing a particular candidate, and any signatures of such Exchange Member Applicant, together with its affiliates, in excess of the fifty percent (50%) limitation shall be disregarded. Exchange Member Applicants means persons and entities who have submitted the Initial Documents for membership in the MIAX Exchange, who would meet the qualifications for membership based on the information contained in the Initial Documents. Initial Documents means: either the MIAX Membership Pre-Application Survey or the MIAX Participant Connectivity Request Form.

(c) Each petition for an Interim Member Representative Director Petition Candidate must include a completed questionnaire used to gather information concerning Interim Member Representative Director candidates and must be filed with the Company (the Company shall provide the form of questionnaire upon the request of any Exchange Member Applicant).

(d) If no valid petitions from Exchange Member Applicants are received by the Interim Record Date, the Initial Interim Member Representative Director Nominees approved and submitted by the LLC Member pursuant to Section 2.5(b) shall be nominated as Interim Member Representative Directors. If one or more valid petitions from Exchange Member Applicants are received by the Interim Record Date, the Secretary shall include such additional

nominees, along with the Initial Interim Member Representative Director Nominees, on a list of nominees (the “List of Interim Member Representative Director Candidates”). Upon completion, the List of Interim Member Representative Director Candidates shall be sent by the Secretary to all Exchange Member Applicants that were Exchange Member Applicants on the Interim Record Date by electronic transmission to confirm the nominees for the Interim Member Representative Director positions. The List of Interim Candidates shall be accompanied by a notice regarding the time and date of an election (the “Interim Election Notice”) to be held electronically no sooner than five (5) days after the Interim Election Notice is delivered to confirm the Exchange Member Applicants’ selections of nominees for Interim Member Representative Directors.

(e) With respect to the election held to determine the final nomination of Interim Member Representative Directors, each Exchange Member Applicant shall have the right to cast one (1) vote for each available Interim Member Representative Director nomination; provided, however, that any such vote must be cast for a person on the List of Interim Candidates and that no Exchange Member Applicant, together with its affiliates, may account for more than twenty percent (20%) of the votes cast for a candidate, and any votes cast by such Exchange Member Applicant, together with its affiliates, in excess of such twenty percent (20%) limitation shall be disregarded. The votes shall be cast by electronic transmission as set forth in a notice to the Exchange Member Applicants sent by the Company prior to such election. Only votes received prior to 5:00 p.m. Eastern Time on the date of the election shall count for the nomination of a Member Representative Director. The persons on the List of Interim Candidates who receive the most votes shall be selected as the nominees for the Interim Member Representative Director positions to be elected by the LLC Member pursuant to the Consent on the Consent Date.

(f) In the event of a tie vote for two or more Interim Member Representative Director positions, the tie will be broken by lot in a manner determined by the LLC Member.

Section 2.6 Chairman of the Board

The Board shall appoint one of the Directors to serve as the Chairman of the Board (“Chairman”). The Chairman shall preside at all meetings of the Board at which the Chairman is present; provided, however, that if the Chairman is the Chief Executive Officer he or she shall not participate in executive sessions of the Board. The Chairman shall exercise such other powers and perform such other duties as may be assigned to the Chairman from time to time by the Board. If the Chairman is the Chief Executive Officer, the Board of Directors shall designate a Lead Director from among the Board’s Independent Directors to preside over executive sessions of the Board. The Board shall publicly disclose the identity of the Lead Director, if any, and the means by which interested parties may communicate with such Lead Director.

Section 2.7 Vice Chairman

Each year following the annual election of the Directors, the Board may select a Vice Chairman of the Board (the “Vice Chairman”) to serve for a term of one year and until a successor is elected or appointed and qualified. The Vice Chairman shall (i) preside over the meetings of the Board in the event the Chairman of the Board is absent or unable to do so, and

(ii) exercise such other powers and perform such other duties as are delegated to the Vice Chairman of the Board by the Board.

Section 2.8 Vacancies

(a) Whenever any Director position becomes vacant prior to the election of a successor at the end of such Director's term, whether because of death, disability, disqualification, removal, or resignation, the Nominating Committee shall nominate, and the LLC Member shall elect, a person satisfying the classification (Industry, Non-Industry, or Independent Director), if applicable, for the directorship as provided in Article II, Section 2.2(b) to fill such vacancy; *provided*, however, that if the remaining term of office of a Member Representative Director at the time of such Director's termination is not more than six months, during the period of vacancy the Board shall not be deemed to be in violation of Article II, Section 2.2(b) by virtue of such vacancy.

(b) If the LLC Member fills a vacancy resulting from a Member Representative Director position becoming vacant prior to the expiration of such Member Representative Director's term, or resulting from the creation of an additional Member Representative Director position required by an increase in the size of the Board, then the LLC Member shall follow the procedures set forth in this Section 2.8(b). In such an event, the Member Nominating Committee shall either (i) recommend an individual to the LLC Member to be elected to fill such vacancy or (ii) provide a list of recommended individuals to the LLC Member from which the LLC Member shall elect the individual to fill such vacancy. The LLC Member shall elect, pursuant to this Section 2.8(b), only individuals recommended by the Member Nominating Committee.

Section 2.9 Removal and Resignation

(a) Except as hereinafter provided, any Director may be removed or expelled with or without cause by the LLC Member, and may be removed by the Board of Directors in the manner provided by Article II, Section 2.9(b) below; provided, however, that any Member Representative Director may only be removed for cause, which shall include, without limitation, such Director being subject to a statutory disqualification.

(b) A Director shall be removed immediately upon a determination by the Board, by a majority vote of the remaining Directors: (i) that the Director no longer satisfies the classification for which the Director was elected; and (ii) that the Director's continued service as such would violate the compositional requirements of the Board set forth in Article II, Section 2.2(b).

(c) Any Director may resign at any time either upon notice of resignation to the Chairman of the Board, the President or the Secretary. Any such resignation shall take effect at the time specified therein or, if the time is not specified, upon receipt thereof, and the acceptance of such resignation, unless required by the terms thereof, shall not be necessary to make such resignation effective.

Section 2.10 Place of Meetings; Mode

Any meeting of the Board may be held at such place, within or without the State of Delaware, as shall be designated in the notice of such meeting, but if no such designation is made, then the meeting will be held at the principal business office of the Company. Members of the Board or any committee of the Board may participate in a meeting of the Board or committee by conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute presence in person at the meeting.

Section 2.11 Regular Meetings

Regular meetings of the Board may be held, with or without notice, at such time or place as may from time to time be specified in a resolution adopted by the Board.

Section 2.12 Special Meetings

(a) Special meetings of the Board may be called on a minimum of two (2) days' notice to each Director by the Chairman, the Chief Executive Officer or the President, and shall be called by the Secretary upon the written request of three (3) Directors then in office.

(b) The person or persons calling a special meeting of the Board shall fix the time and place at which the meeting shall be held, and such time and place shall be specified in the notice of such meeting. Notice of any special meeting shall be given to each Director at his or her business address or such other address as he or she may have advised the Secretary to use for such purpose. If delivered, notice shall be deemed to be given when delivered to such address or to the Director to be notified. If mailed, such notice shall be deemed to be given five (5) business days after deposit in the United States mail, postage prepaid, of a letter addressed to the appropriate location. Notice may also be given by telephone, electronic transmission or other means not specified in this section, and in each such case shall be deemed to be given when actually received by the Director to be notified.

Section 2.13 Exchange Member Meetings

The Company shall not be required to hold meetings of the Exchange Members.

Section 2.14 Voting, Quorum and Action by the Board

Each Director shall be entitled to one (1) vote. At all meetings of the Board, the presence of a majority of the number of Directors then in office shall constitute a quorum for the transaction of business. If a quorum shall not be present at any meeting of the Board, the Directors present at such meeting may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present. The act of a majority of the Directors present at any meeting at which there is a quorum shall be the act of the Board except as may be otherwise specifically provided by statute, the Certificate of Formation, the LLC Agreement or these By-Laws.

Section 2.15 Presumption of Assent

A Director of the Company who is present at a duly convened meeting of the Board or of a committee of the Board at which action on any corporate matter is taken shall be conclusively presumed to have assented to the action taken unless his or her dissent or election to abstain shall be entered in the minutes of the meeting or unless he or she shall file his or her written dissent or election to abstain to such action with the person acting as the secretary of the meeting before the adjournment of the meeting or shall forward such dissent or election to abstain by registered or certified mail to the Secretary of the Company immediately after the adjournment of the meeting. Such right to dissent or abstain shall not apply to a Director who voted in favor of such action.

Section 2.16 Action in Lieu of Meeting

Unless otherwise restricted by statute, the Certificate of Formation, the LLC Agreement or these By-Laws, any action required or permitted to be taken at any meeting of the Board or any committee thereof may be taken without a meeting if all members of the Board or committee, as the case may be, consent thereto in writing or by electronic transmission, and such writing(s) or electronic transmission(s) are filed with the minutes of proceedings of the Board or the committee.

Section 2.17 Waiver of Notice

(a) Whenever notice is required to be given by law, the Certificate of Formation, the LLC Agreement or these By-Laws, a waiver thereof by the person or persons entitled to such notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the Board, or members of a committee, need be specified in any waiver of notice.

(b) Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened.

Section 2.18 Compensation of Board and Committee Members

The Board may provide for reasonable compensation of the Chairman, the Directors and the members of committees. The Board may also provide for reimbursement of reasonable expenses incurred by such persons in connection with the business of the Company.

Section 2.19 Interpretation of By-Laws

The Board shall have the power to interpret these By-Laws and any interpretation made by it shall be final and conclusive.

Section 2.20 Conflicts of Interest; Contracts and Transactions Involving Directors

(a) A Director or a member of any committee may not participate in the consideration or decision of any matter relating to a particular Exchange Member, company, or individual if such Director or committee member has a material interest in, or a professional, business, or personal relationship with, that Exchange Member, company, or individual, or if such participation shall create an appearance of impropriety. In any such case, the Director or committee member shall recuse himself or herself or shall be disqualified. If a member of the Board or any committee is recused from consideration of a matter, any decision on the matter shall be by a vote of a majority of the remaining members of the Board or applicable committee.

(b) No contract or transaction between the Company and one or more of its Directors or officers, or between the Company and any other corporation, partnership, association, or other organization in which one or more of its Directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for this reason if: (i) the material facts pertaining to such Director's or officer's relationship or interest and the contract or transaction are disclosed or are known to the Board or the committee, and the Board or committee in good faith authorizes the contract or transaction by the affirmative vote of a majority of the disinterested Directors, even though the disinterested Directors be less than a quorum; or (ii) the material facts are disclosed or become known to the Board or committee after the contract or transaction is entered into, and the Board or committee in good faith ratifies the contract or transaction by the affirmative vote of a majority of the disinterested Directors, even though the disinterested Directors be less than a quorum.

ARTICLE III **The LLC Member**

Section 3.1 Annual Meeting; Election of Directors and Other Matters

(a) The annual meeting of the LLC Member shall be held at such place and time as determined by the Board for the purpose of electing Directors and members of the Nominating Committee and Member Nominating Committee, and for conducting such other business as may properly come before the meeting. Written notice of the annual meeting stating the place, date and hour of the meeting shall be given to the LLC Member not less than ten (10) nor more than sixty (60) days before the date of the meeting.

(b) The Interim Directors, including the Interim Member Representative Directors, shall be appointed prior to the Company's commencement of operations as an Exchange. The first annual meeting of the LLC Member shall be held within ninety (90) days after the Company's application for registration as a national securities exchange is granted.

Section 3.2 Special Meetings

Special meetings of the LLC Member, for any purpose or purposes, may be called by the Chairman, the Board, the Chief Executive Officer or the President, and shall be called by the Secretary at the request in writing of the LLC Member. Written notice of a special meeting

stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called, shall be given to the LLC Member not less than ten (10) nor more than sixty (60) days before the date of the meeting. Business transacted at any special meeting of the LLC Member shall be limited to the purpose(s) stated in the notice of the meeting.

Section 3.3 Action in Lieu of Meeting

Any action upon which a vote of the LLC Member is required or permitted, may be taken without a meeting, without prior notice and without a vote, if a consent in writing, setting forth the action so taken, shall be signed by the LLC Member.

Section 3.4 Assignment

The LLC Member may not transfer or assign in whole or in part its limited liability company interest in the Company to any entity, unless such transfer or assignment shall be filed with and approved by the Commission under Section 19 of the Exchange Act and the rules promulgated thereunder.

ARTICLE IV **Committees**

Section 4.1 Designation of Committees

(a) **Committees of the Board.** The committees of the Board shall consist of a Compensation Committee, an Audit Committee, a Regulatory Oversight Committee, an Appeals Committee, and such other committees as may be provided in these By-Laws or the Rules or as may be from time to time established by the Board. Committees shall have such authority as is vested in them by these By-Laws or the Rules, or as is delegated to them by the Board. All committees are subject to the control and supervision of the Board.

(b) **Committees of the Exchange.** The Exchange also shall have such other committees as may be provided in these By-Laws or the Rules or as may be from time to time created by the Board. Except as may be otherwise provided in these By-Laws, the Rules or the resolution of the Board establishing any such other committee, the Chairman or his or her designee, with the approval of the Board, shall appoint the members of such Exchange committees (other than the committees of the Board) and may designate, with the approval of the Board, a Chairman thereof. Except as may be otherwise provided in these By-Laws or the Rules, the Chairman or his or her designee may, at any time, with or without cause, remove any member of any such Exchange committee.

Section 4.2 Board Committees - Appointment and Removal; Vacancies; Term

(a) Except as may be otherwise provided in these By-Laws, the Rules or the resolution of the Board establishing any committee, the Chairman, with the approval of the Board, shall appoint, consistent with these By-Laws, the members of all committees of the Board, and the Chairman may, at any time, with or without cause, remove any member of a

committee so appointed, with the approval of the Board. Each committee shall be comprised of at least three (3) people and except as provided in these By-Laws may include persons who are not members of the Board; provided, however, that such committee members who are not also members of the Board shall only participate in committee actions to the extent permitted by law. In appointing members to committees of the Board, the Chairman is responsible for determining that any such committee meets the composition requirements set forth in this Article IV.

(b) Upon request of the Secretary, each prospective committee member who is not a Director shall provide to the Secretary such information as is reasonably necessary to serve as the basis for a determination of the prospective committee member's classification as an Industry, Non-Industry, or Independent member. The Secretary shall certify to the Board each prospective committee member's classification. Such committee members shall update the information submitted under this subsection at least annually and upon request of the Secretary, and shall report immediately to the Secretary any change in such information.

(c) The term of office of a committee member shall terminate immediately upon a determination by the Board, by a majority vote of the Directors, (i) that the committee member no longer satisfies the classification for which the committee member was selected; and (ii) that the committee member's continued service as such would violate the compositional requirements of such committee set forth in this Article IV.

(d) Any vacancy occurring in a committee shall be filled by the Chairman for the remainder of the term, with the approval of the Board.

(e) Except as otherwise provided by the By-Laws, members of a committee shall hold office for a one-year period.

Section 4.3 Conduct of Proceedings

Except as otherwise provided in these By-Laws, the Rules, the Charter of the committee or by the Board by resolution, each committee may adopt its own rules of procedure and may meet at stated times or on such notice as such committee may determine. In the absence of any such established procedures, each committee shall conduct its business in the same manner as the Board of Directors conducts its business pursuant to Article II of these By-Laws. Each committee shall keep regular minutes of its meetings and report the same to the Board when required.

Section 4.4 Voting, Quorum and Action by Committees

Each committee member shall be entitled to one (1) vote. Unless otherwise required by the By-Laws, the Rules or the Charter of the committee, the presence of a majority of the number of committee members serving on a committee shall constitute a quorum for the transaction of business of such committee. If a quorum shall not be present at any meeting of a committee, the committee members present at such meeting may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present. The act of a majority of the committee members present at any meeting at which there is a quorum shall be

the act of such committee except as may be otherwise specifically provided by statute or these By-Laws, the Rules or the Charter of the committee.

Section 4.5 Specified Board Committees

(a) **Compensation Committee.** The Chairman, with the approval of the Board, shall appoint a Compensation Committee consisting of Non-Industry Directors. The Compensation Committee shall consider and recommend compensation policies, programs, and practices for officers and other employees of the Company.

(b) **Audit Committee.** The Chairman, with the approval of the Board, shall appoint an Audit Committee consisting of Directors. A majority of the Audit Committee members shall be Non-Industry Directors. A Non-Industry Director shall serve as Chairman of the Audit Committee. The Audit Committee shall perform the following primary functions, as well as such other functions as may be specified in the charter of the Audit Committee: (i) provide oversight over the Company's financial reporting process and the financial information that is provided to the LLC Member and others; (ii) provide oversight over the systems of internal controls established by management and the Board and the Company's legal and compliance process; and (iii) direct and oversee all the activities of the Company's internal audit function, including but not limited to management's responsiveness to internal audit recommendations. The Audit Committee shall have exclusive authority to: (i) hire or terminate the head of the Company's Internal Audit Department; (ii) determine the compensation of the head of the Internal Audit Department; and (iii) determine the budget for the Internal Audit Department. The Internal Audit Department and its head shall report directly to the Audit Committee. The Audit Committee may, in its discretion, direct that the Internal Audit Department also report to senior management of the Company on matters the Audit Committee deems appropriate and may request that senior management of the Company perform such operational oversight as necessary and proper, consistent with preservation of the independence of the internal audit function.

(c) **Regulatory Oversight Committee.** The Chairman, with the approval of the Board, shall appoint a Regulatory Oversight Committee consisting of Non-Industry Directors. The Regulatory Oversight Committee shall oversee the adequacy and effectiveness of Exchange's regulatory and self-regulatory organization responsibilities, and shall be responsible for assessing the Exchange's regulatory performance and recommending compensation and personnel actions involving the Chief Regulatory Officer and senior regulatory personnel to the Board's Compensation Committee for action. The Regulatory Oversight Committee shall also assist the Board and committees of the Board in reviewing the regulatory plan and the overall effectiveness of Exchange's regulatory functions. In furtherance of its functions, the Regulatory Oversight Committee (i) shall review the Exchange's regulatory budget, which shall be approved by the Board of Directors, and shall specifically inquire into the adequacy of resources available in the budget for regulatory activities; and (ii) shall meet regularly with the Chief Regulatory Officer in executive session.

(d) **Appeals Committee.** The Chairman, with the approval of the Board, shall appoint an Appeals Committee. The Appeals Committee shall preside over all appeals

related to disciplinary and adverse action determinations in accordance with the Exchange Rules. The Appeals Committee shall consist of one Independent Director, one Industry Director, and one Member Representative Director. If the Independent Director recuses himself or herself from an appeal, due to a conflict of interest or otherwise, such Independent Director may be replaced by a Non-Industry Director for purposes of the applicable appeal if there is no other Independent Director able to serve as the replacement.

(e) **Executive Committee.** The Chairman, with the approval of the Board, may appoint an Executive Committee consisting of Directors, which shall, to the fullest extent permitted by Delaware law and other applicable law, have and be permitted to exercise all the powers and authority of the Board in the management of the business and affairs of the Company between meetings of the Board. The number of Non-Industry Directors on the Executive Committee shall equal or exceed the number of Industry Directors on the Executive Committee. The percentage of Independent Directors on the Executive Committee shall be at least as great as the percentage of Independent Directors on the whole Board, and the percentage of Member Representative Directors on the Executive Committee shall be at least as great as the percentage of Member Representative Directors on the whole Board.

(f) **Finance Committee.** The Chairman, with the approval of the Board, may appoint a Finance Committee consisting of Directors. A majority of the Finance Committee members shall be Non-Industry Directors. The Finance Committee shall advise the Board with respect to the oversight of the financial operations and conditions of the Company, including recommendations for Company's annual operating and capital budgets.

Section 4.6 Quality of Markets Committee.

The Chairman, with the approval of the Board, shall appoint a Quality of Markets Committee. The Quality of Markets Committee shall provide advice and guidance to the Board on issues relating to the fairness, integrity, efficiency and competitiveness of the information, order handling and execution mechanisms of the Exchange from the perspective of investors, both individual and institutional, retail firms, market making firms, Exchange listed companies and other market participants. The Quality of Markets Committee shall include broad representation of participants in the Exchange, including investors, market makers, integrated retail firms and order entry firms. The Quality of Markets Committee shall include a number of Member Representative members that is equal to at least 20 percent of the total number of members of the Quality of Markets Committee. The number of Non-Industry members of the Quality of Markets Committee shall equal or exceed the sum of the number of Industry members and Member Representative members.

Section 4.7 Business Conduct Committee

There shall be a Business Conduct Committee which shall not be a Board Committee but shall be a committee of the Exchange. The Chairman shall appoint a Business Conduct Committee composed of such number of Exchange Members and individuals who are not Exchange Members as the Chairman shall deem necessary, none of whom shall be Directors.

The Business Conduct Committee or any panel thereof shall include at least one officer, director or employee of an Exchange Member.

The jurisdiction, function and powers shall be exercised by the Business Conduct Committee in accordance with the provisions set forth in the MIAX Rules.

ARTICLE V **Nominating Committees**

Section 5.1 Election of Nominating Committee and Member Nominating Committee

The Nominating Committee and the Member Nominating Committee shall each be elected on an annual basis by vote of the LLC Member. The LLC Member shall appoint the initial Nominating Committee and Member Nominating Committee consistent with the compositional requirements of this Article V within fifteen (15) days after the Exchange's application for registration as a national securities exchange is granted. Because the first annual meeting of the LLC Member is intended to be held within ninety (90) days after the Exchange's application for registration as a national securities exchange is granted, the initial Nominating Committee and Member Nominating Committee shall serve until the second annual meeting of the LLC Member. Not later than sixty (60) days prior to the date announced as the date for each annual meeting of the LLC Member commencing with the second annual meeting of the LLC Member, the Nominating Committee and the Member Nominating Committee shall nominate candidates to serve on the succeeding year's Nominating Committee and Member Nominating Committee, as applicable, and notify the Secretary of such nominees. Such candidates shall be voted on by the LLC Member at the annual meeting of the LLC Member. Additional candidates for the Member Nominating Committee may be nominated and elected pursuant to the same process as provided for in Article II, Section 2.4.

Section 5.2 Nominating Committee

The Nominating Committee shall nominate candidates for election to the Board at the annual LLC Member meeting and all other vacant or new Director positions on the Board. The Nominating Committee, in making such nominations, is responsible for ensuring that candidates meet the compositional requirements of Article II, Section 2.2(b). The number of Non-Industry members on the Nominating Committee shall equal or exceed the number of Industry members on the Nominating Committee. A Nominating Committee member may not simultaneously serve on the Nominating Committee and the Board, unless such member is in his or her final year of service on the Board, and following that year, that member may not stand for election to the Board until such time as he or she is no longer a member of the Nominating Committee. No more than one (1) member of the Nominating Committee shall be a current Director, and such Director shall be a Non-Industry Director.

Section 5.3 Member Nominating Committee

The Member Nominating Committee shall nominate candidates for each Member Representative Director position on the Board that is to be elected by Exchange Members or the

LLC Member under the terms of these By-Laws. Each member of the Member Nominating Committee shall be a Member Representative member and shall not be required to be a Director of the Company.

ARTICLE VI **Officers, Agents and Employees**

Section 6.1 General

The officers of the Company shall include a Chief Executive Officer, a President, a Chief Financial Officer, a Chief Regulatory Officer, a Secretary, a Treasurer, and such other officers as in the Board's opinion are desirable for the conduct of the business of the Company, including but not limited to a Vice Chairman. Any two or more offices may be held by the same person, except that the offices of the President and Secretary may not be held by the same person. No person that is subject to any statutory disqualification may be an officer of the Company.

Section 6.2 Appointment and Tenure

Each officer of the Company shall be appointed by the Board on an annual basis, and shall hold office until his or her successor is appointed and qualified or until his or her earlier death, disability, disqualification, removal or resignation. An officer may serve for any number of terms, consecutive or otherwise.

Section 6.3 Resignation and Removal of Officers; Vacancies

(a) Any officer may resign at any time upon notice of resignation to the Chairman and Chief Executive Officer, the President, or the Secretary. Any such resignation shall take effect upon receipt of such notice or at any later time specified therein, or if the time is not specified, upon receipt thereof, and the acceptance of such resignation, unless required by the terms thereof, shall not be necessary to make such resignation effective.

(b) Any officer of the Company may be removed, with or without cause, by the Board. Such removal shall be without prejudice to the contractual rights of the affected officer, if any, with the Company.

(c) Vacancies in any office of the Company may be filled for the unexpired term by the Board.

Section 6.4 Compensation

The Compensation of the Chairman, the Vice Chairman and the Chief Executive Officer shall be fixed by the Compensation Committee. The salaries of all other officers and agents of the Company shall be fixed by the Chief Executive Officer, in consultation with the Compensation Committee.

Section 6.5 Powers and Duties; Delegation

Each of the officers of the Company shall, unless otherwise ordered by the Board, have such powers and duties as customarily pertain to the respective office, and such further powers and duties as from time to time may be conferred by the Board, or by an officer delegated such authority by the Board. The Board may delegate the duties and powers of any officer of the Company to any other officer or to any Director for a specified period of time and for any reason that the Board may deem sufficient.

Section 6.6 Chief Executive Officer

The Chief Executive Officer shall be the chief executive officer of the Company, shall have general supervision over the business and affairs of the Company and shall serve at the pleasure of the Board. The Chief Executive Officer shall have all powers and duties usually incident to the office of the Chief Executive Officer, except as specifically limited by a resolution of the Board. The Chief Executive Officer shall exercise such other powers and perform such other duties as may be assigned to the Chief Executive Officer from time to time by the Board.

Section 6.7 President

The President shall, in the absence of the Chairman, the Vice Chairman and Chief Executive Officer, preside at all meetings of the Board at which the President is present. The President shall have general supervision over the operations of the Company. The President shall have all powers and duties usually incident to the office of the President, except as specifically limited by a resolution of the Board. The President shall exercise such other powers and perform such other duties as may be assigned to the President from time to time by the Board.

Section 6.8 Vice President

The Board shall appoint one or more Vice Presidents. In the absence or disability of the President or if the office of President becomes vacant, the Vice Presidents in the order determined by the Board, or if no such determination has been made, in the order of their seniority, shall perform the duties and exercise the powers of the President, subject to the right of the Board at any time to extend or restrict such powers and duties or to assign them to others. Any Vice President may have such additional designations in such Vice President's title as the Board may determine. The Vice Presidents shall generally assist the President in such manner as the President shall direct. Each Vice President shall exercise such other powers and perform such other duties as may be assigned to such Vice President from time to time by the Board, the Chief Executive Officer or the President. The term "Vice President" used in this Section shall include the positions of Executive Vice President, Senior Vice President, and Vice President.

Section 6.9 Chief Financial Officer

The Chief Financial Officer shall perform such duties and possess such powers as the Board or the Chief Executive Officer may from time to time prescribe. The Chief Financial

Officer shall have the custody of the Company's funds and securities; shall keep full and accurate all books and accounts of the Company as shall be necessary or desirable in accordance with applicable law or generally accepted accounting principles; shall deposit all monies and other valuable effects in the name and to the credit of the Company as may be ordered by the Chief Executive Officer or the Board; shall cause the funds of the Company to be disbursed when such disbursements have been duly authorized, taking proper vouchers for such disbursements; and shall render to the Board, at its regular meeting or when the Board so requires, an account of the Company.

Section 6.10 Chief Regulatory Officer

An officer of the Company with the position of Vice President, Senior Vice President or Executive Vice President shall be designated as the Chief Regulatory Officer of the Company. The Chief Regulatory Officer shall have general supervision of the regulatory operations of the Company, including responsibility for overseeing the Company's surveillance, examination, and enforcement functions and for administering any regulatory services agreements with another self-regulatory organization to which the Company is a party. The Chief Regulatory Officer shall report to the Regulatory Oversight Committee. The Chief Regulatory Officer shall meet with the Regulatory Oversight Committee of the Company in executive session at regularly scheduled meetings of such committee, and at any time upon request of the Chief Regulatory Officer or any member of the Regulatory Oversight Committee. The Chief Regulatory Officer may, but is not required to, also serve as the General Counsel of the Company.

Section 6.11 Secretary

The Secretary shall act as Secretary of all meetings of the Board at which the Secretary is present, shall record all the proceedings of all such meetings in a book to be kept for that purpose, shall have supervision over the giving and service of notices of the Company, and shall have supervision over the care and custody of the books and records of the Company. The Secretary shall be empowered to affix the Company's seal, if any, to documents, the execution of which on behalf of the Company under its seal is duly authorized, and when so affixed, may attest the same. The Secretary shall have all powers and duties usually incident to the office of Secretary, except as specifically limited by a resolution of the Board. The Secretary shall exercise such other powers and perform such other duties as may be assigned to the Secretary from time to time by the Board, the Chief Executive Officer or the President.

Section 6.12 Assistant Secretary

In the absence of the Secretary or in the event of the Secretary's inability or refusal to act, any Assistant Secretary, approved by the Board, shall exercise all powers and perform all duties of the Secretary. An Assistant Secretary shall also exercise such other powers and perform such other duties as may be assigned to such Assistant Secretary from time to time by the Board or the Secretary.

Section 6.13 Treasurer

The Treasurer shall have general supervision over the care and custody of the funds and over the receipts and disbursements of the Company and shall cause the funds of the Company to be deposited in the name of the Company in such banks or other depositories as the Board may designate. The Treasurer shall have supervision over the care and safekeeping of the securities of the Company. The Treasurer shall have all powers and duties usually incident to the office of Treasurer except as specifically limited by a resolution of the Board. The Treasurer shall exercise such other powers and perform such other duties as may be assigned to the Treasurer from time to time by the Board, the Chief Executive Officer or the President.

Section 6.14 Assistant Treasurer

In the absence of the Treasurer or in the event of the Treasurer's inability or refusal to act, any Assistant Treasurer, approved by the Board, shall exercise all powers and perform all duties of the Treasurer. An Assistant Treasurer shall also exercise such other powers and perform such other duties as may be assigned to such Assistant Treasurer from time to time by the Board or the Treasurer.

ARTICLE VII **Indemnification and Insurance**

Section 7.1 Right to Indemnification

Each person who was or is made a party or is threatened to be made a party to or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative (hereinafter a "proceeding"), by reason of the fact that he or she or a person of whom he or she is the legal representative is or was a director or an officer of the Company or is or was serving at the request of the Company as a director, officer, employee or agent of any other corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to any employee benefit plan (hereinafter an "indemnatee"), whether the basis of such proceeding is alleged action in an official capacity as a director, officer, employee or agent or in any other capacity while serving as a director, officer, employee or agent, shall be indemnified and held harmless by the Company to the fullest extent authorized by the LLC Act, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Company to provide broader indemnification rights than the LLC Act permitted the Company to provide prior to such amendment), against all expense, liability and loss (including, without limitation, attorneys' fees, judgments, fines, excise taxes or penalties under the Employee Retirement Income Security Act of 1974, as amended, and amounts paid or to be paid in settlement) reasonably incurred by such indemnatee in connection therewith; provided, however, that except as provided in Section 7.3 with respect to proceedings seeking to enforce rights to indemnification, the Company shall indemnify any such indemnatee seeking indemnification in connection with a proceeding (or part thereof) initiated by such indemnatee only if such proceeding (or part thereof) was authorized by the Board of Directors.

Section 7.2 Right to Advancement of Expenses

The right to indemnification conferred in Section 7.1 shall include the right to be paid by the Company the expenses (including attorneys' fees) incurred in defending any such proceeding in advance of its final disposition (hereinafter an "advancement of expenses"); provided, however, that, if the LLC Act requires, an advancement of expenses incurred by an indemnitee in his or her capacity as a director or officer (and not in any other capacity in which service was or is rendered by such indemnitee, including, without limitation, service to an employee benefit plan) shall be made only upon delivery to the Company of an undertaking (hereinafter an "undertaking"), by or on behalf of such indemnitee, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal (hereinafter a "final adjudication") that such indemnitee is not entitled to be indemnified for such expenses under this Section 7.2 or otherwise.

Section 7.3 Right of Indemnitee to Bring Suit

If a claim under Section 7.1 or Section 7.2 is not paid in full by the Company within thirty (30) days after a written claim has been received by the Company, except in the case of a claim for an advancement of expenses, in which case the applicable period shall be twenty (20) days, the indemnitee may at any time thereafter bring suit against the Company to recover the unpaid amount of the claim. If successful in whole or in part in any such suit, or in a suit brought by the Company to recover an advancement of expenses pursuant to the terms of an undertaking, the indemnitee shall also be entitled to be paid the expense of prosecuting or defending such suit.

In (i) any suit brought by the indemnitee to enforce a right to indemnification hereunder (but not in a suit brought by the indemnitee to enforce a right of an advancement of expenses) it shall be a defense that, and (ii) in any suit brought by the Company to recover an advancement of expenses pursuant to the terms of an undertaking, the Company shall be entitled to recover such expenses upon a final adjudication that, the indemnitee has not met any applicable standard for indemnification set forth in the LLC Act. Neither the failure of the Company (including its Board of Directors, independent legal counsel or the LLC Member) to have made a determination prior to the commencement of such action that indemnification of the indemnitee is proper in the circumstances because the indemnitee has met the applicable standard of conduct set forth in the Act, nor an actual determination by the Company (including its Board of Directors, independent legal counsel or the LLC Member) that the indemnitee has not met such applicable standard of conduct, shall create a presumption that the indemnitee has not met the applicable standard of conduct or, in the case of such a suit brought by the indemnitee, be a defense to such suit. In any suit brought by the indemnitee to enforce a right to indemnification or to an advancement of expenses hereunder, or brought by the Company to recover an advancement of expenses pursuant to the terms of an undertaking, the burden of proving that the indemnitee is not entitled to be indemnified, or to such advancement of expenses, under this Article VII or otherwise shall be on the Company.

Section 7.4 Non-Exclusivity of Rights

The right to indemnification and the advancement of expenses conferred in this Article VII shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, provision of the LLC Agreement, provision of these By-Laws, agreement, vote of the LLC Member or disinterested directors or otherwise.

Section 7.5 Insurance

The Company may maintain insurance, at its expense, to protect itself and any director, officer, employee or agent of the Company or another corporation, partnership, joint venture, trust or other enterprise against any expense, liability or loss, whether or not the Company would have the power to indemnify such person against such expense, liability or loss under the law.

Section 7.6 Indemnification of Employees and Agents of the Company

The Company may, to the extent authorized from time to time by the Board of Directors, grant rights to indemnification, and rights to the advancement of expenses, to any employee or agent of the Company to the fullest extent of the provisions of this Article VII with respect to the indemnification and advancement of expenses of directors and officers of the Company.

Section 7.7 Contract Rights

The rights to indemnification and to the advancement of expenses conferred in Section 7.1 and Section 7.2 shall be contract rights and such rights shall continue as to an indemnitee who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the indemnitee's heirs, executors and administrators.

Section 7.8 Company Not Liable

Except as provided in the Exchange Rules, the Company shall not be liable for any loss or damage sustained by any current or former Exchange Member growing out of the use or enjoyment by such Exchange Member of the facilities afforded by the Company (or any predecessor or successor thereof) or its subsidiaries.

ARTICLE VIII **Amendments; Emergency By-Laws**

Section 8.1 By the LLC Member or Board

These By-Laws may be altered, amended, or repealed, or new By-Laws may be adopted, (i) by the written consent of the LLC Member, or (ii) at any regular or special meeting of the Board by a resolution adopted by the Board.

Section 8.2 Emergency By-Laws

The Board may adopt emergency By-Laws subject to repeal or change by action of the LLC Member which shall, notwithstanding any different provision of law, the Certificate of Formation, the LLC Agreement or these By-Laws, be operative during any emergency resulting from any nuclear or atomic disaster, an attack on the United States or on a locality in which the Company conducts its business or customarily holds meetings of the Board, any catastrophe, or other emergency condition, as a result of which a quorum of the Board or a committee thereof cannot readily be convened for action. Such emergency By-Laws may make any provision that may be practicable and necessary under the circumstances of the emergency.

Section 8.3 Authority to Take Action Under Extraordinary Market Conditions

The Board, or such person or persons as may be designated by the Board, in the event of extraordinary market conditions, shall have the authority to take any action regarding:

(a) the trading in or operation of the national securities exchange operated by the Company or any other organized securities markets that may be operated by the Company, the operation of any automated system owned or operated by the Company, and the participation in any such system or any or all persons or the trading therein of any or all securities; and

(b) the operation of any or all systems of Exchange Members, if, in the opinion of the Board or the person or persons hereby designated, such action is necessary or appropriate for the protection of investors or the public interest or for the orderly operation of the marketplace or the system.

Section 8.4 Commission Approval

Before any amendment to, alteration or repeal of any provision of the By-Laws of the Company under this Article VIII shall be effective, those changes shall be submitted to the Board and if the same must be filed with or filed with and approved by the Commission, then the proposed changes to the By-Laws of the Company shall not become effective until filed with or filed with and approved by the Commission, as the case may be.

ARTICLE IX **Exchange Authorities**

Section 9.1 Rules

The Board, acting in accordance with the terms of these By-Laws and the Rules, shall be vested with all powers necessary for the government of the Company as an “exchange” within the meaning of the Act. To promote and enforce just and equitable principles of trade and business, to maintain high standards of commercial honor and integrity among Exchange Members, to collaborate with governmental and other agencies in the promotion of fair practices and the elimination of fraud, and in general to carry out the purposes of the Company and of the Act, the Board is hereby authorized to adopt such rules and such amendments thereto as it may,

from time to time, deem necessary or appropriate. If any such rules or amendments thereto are approved by the Commission or otherwise become effective as provided in the Act, they shall become operative Exchange Rules as of the date of Commission approval or effectiveness under the Act unless a later operative date is declared by the Company. The Board is hereby authorized, subject to the provisions of these By-Laws and the Act, to administer, enforce, interpret, issue exemptions from, suspend, or cancel any Rules adopted hereunder.

Section 9.2 Disciplinary Proceedings

(a) The Board is authorized to establish procedures relating to disciplinary proceedings involving Exchange Members and their associated persons.

(b) The Board is authorized to impose appropriate sanctions applicable to Exchange Members, including censure, fine, suspension, or expulsion from membership, suspension or bar from being associated with all Exchange Members, limitation of activities, functions, and operations of an Exchange Member, or any other fitting sanction, and to impose appropriate sanctions applicable to persons associated with Exchange Members, including censure, fine, suspension, or barring a person associated with an Exchange Member from being associated with all Exchange Members, limitation of activities, functions, and operations of a person associated with an Exchange Member, or any other fitting sanction, for:

(i) a breach by an Exchange Member or a person associated with an Exchange Member of any covenant with the Company or its the LLC Member;

(ii) violation by an Exchange Member or a person associated with an Exchange Member of any of the terms, conditions, covenants, and provisions of the By-Laws, the Rules, or the federal securities laws, including the rules and regulations adopted thereunder;

(iii) failure by an Exchange Member or person associated with an Exchange Member to: (A) submit a dispute for arbitration as may be required by the Rules; (B) appear or produce any document in the Exchange Member's or person's possession or control as directed pursuant to the Rules; (C) comply with an award of arbitrators properly rendered, where a timely motion to vacate or modify such award has not been made pursuant to applicable law or where such a motion has been denied; or (D) comply with a written and executed settlement agreement obtained in connection with an arbitration or mediation submitted for disposition; or

(iv) failure by an Exchange Member or person associated with an Exchange Member to adhere to any ruling, order, direction, or decision of or to pay any sanction, fine, or costs imposed by the Board or any entity to which the Board has delegated its powers.

Section 9.3 Membership Qualifications

(a) The Board shall have authority to adopt rules and regulations applicable to Exchange Members, applicants seeking to become Exchange Members, and persons associated with applicants or Exchange Members, establishing specified and appropriate

standards with respect to the training, experience, competence, financial responsibility, operational capability, and such other qualifications as the Board finds necessary or desirable.

(b) The Board may from time to time make such changes in such rules, regulations, and standards as it deems necessary or appropriate.

(c) Uniform standards for regulatory and other access issues, such as admission to membership and conditions to becoming an Exchange market maker, shall be promulgated and applied on a consistent basis, and the Company shall institute safeguards to ensure fair and evenhanded access to all of its services and facilities.

Section 9.4 Fees, Dues, Assessments, and Other Charges

The Board shall have authority to fix and levy the amount of fees, dues, assessments, and other charges to be paid by Exchange Members and issuers and any other persons using any facility or system that the Company operates or controls; provided, however, that such fees, dues, assessments, and other charges shall be equitably allocated among Exchange Members and any other persons using any facility or system that the Company operates or controls. Any Regulatory Funds will not be used for non-regulatory purposes or distributed to the LLC Member, but rather, shall be applied to fund the legal and regulatory operations of the Company (including surveillance and enforcement activities), or, as the case may be, shall be used to pay restitution and disgorgement of funds intended for customers.

ARTICLE X **Miscellaneous Provisions**

Section 10.1 Operational Date of Exchange

The Company has been formed in anticipation of its registration by the Commission as a national securities exchange. During the period between formation and the first date on which the Company commences operating a national securities exchange (the “Operational Date”):

(a) references in the Agreement and By-Laws to “the national securities exchange operated by the Company” shall be construed as references to “the national securities exchange to be operated by the Company”; and

(b) the Board of Directors of the Company may appoint members of the committees to be established under the By-Laws, but shall not be required to appoint all such committee members until the date immediately prior to the Operational Date.

Section 10.2 Fiscal Year

The fiscal year of the Company shall be as determined from time to time by the Board.

Section 10.3 Participation in Board and Committee Meetings

All meetings of the Board (and any committees of the Company) pertaining to the self-regulatory function of the Company (including disciplinary matters) shall be closed to all persons other than members of the Board and officers, staff, counsel or other advisors whose participation is necessary or appropriate to the proper discharge of such regulatory functions and any representatives of the Commission. In no event shall members of the Board of Directors of Miami International Holdings, Inc. who are not also members of the Board, or any officers, staff, counsel or advisors of Miami International Holdings, Inc. who are not also officers, staff, counsel or advisors of the Company (or any committees of the Company), be allowed to participate in any meetings of the Board (or any committee of the Company) pertaining to the self-regulatory function of the Company (including disciplinary matters).

Section 10.4 Books and Records; Confidentiality of Information and Records Relating to SRO Function

The books and records of the Company shall be maintained at a location within the United States. All books and records of the Company reflecting confidential information pertaining to the self-regulatory function of the Company (including but not limited to disciplinary matters, trading data, trading practices, and audit information) shall be retained in confidence by the Company and its personnel and will not be used by the Company for any non-regulatory purposes and shall not be made available to any person (including, without limitation, any Exchange Member) other than to personnel of the Commission, and those personnel of the Company, members of committees of the Company, members of the Board, hearing officers and other agents of the Company to the extent necessary or appropriate to properly discharge the self-regulatory responsibilities of the Company.

Section 10.5 Execution of Instruments, Contracts, etc.

(a) All checks, drafts, bills of exchange, notes, or other obligations or orders for the payment of money shall be signed in the name of the Company by such officer or officers or person or persons as the Board, or a duly authorized committee thereof, may from time to time designate. Except as otherwise provided by law, the Board, any committee given specific authority in the premises by the Board, or any committee given authority to exercise generally the powers of the Board during intervals between meetings of the Board may authorize any officer, employee, or agent, in the name of and on behalf of the Company, to enter into or execute and deliver deeds, bonds, mortgages, contracts, and other obligations or instruments, and such authority may be general or confined to specific instances.

(b) All applications, written instruments, and papers required by any department of the United States government or by any state, county, municipal, or other governmental authority may be executed in the name of the Company by any officer of the Company, or, to the extent designated for such purpose from time to time by the Board, by an employee or agent of the Company. Such designation may contain the power to substitute, in the discretion of the person named, one or more other persons.

Section 10.6 Power to Vote Stock

Unless otherwise instructed by the Board, the Chairman or the Chief Executive Officer of the Company shall have the power and authority on behalf of the Company to attend and to vote at any meeting of the stockholders, partners or equity holders of any corporation, partnership or any other entity in which the Company may hold stock, partnership or other equity interests, as the case may be, and may exercise on behalf of the Company any and all of the rights and powers incident to the ownership of such stock, partnership or other equity interest at such meeting, and shall have the power and authority to execute and deliver proxies, waivers and consents on behalf of the Company in connection with the exercise by the Company of the rights and powers incident to the ownership of such stock, partnership or other equity interest. The Board may from time to time confer like powers upon any other person or persons.

Section 10.7 Severability

If any provision of these By-Laws, or the application of any provision of these By-Laws to any person or circumstances, is held invalid, the remainder of these By-Laws and the application of such provision to other persons or circumstances shall not be affected.

Effective Date: _____, 2012

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

RULES

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CHAPTER I. DEFINITIONS

Rule 100. Definitions

ABBO or Away Best Bid or Offer

The term “**ABBO**” or “**Away Best Bid or Offer**” means the best bid(s) or offer(s) disseminated by other Eligible Exchanges (defined in Rule 1400(f)) and calculated by the Exchange based on market information received by the Exchange from OPRA.

Affiliate or affiliated with

The term “**affiliate**” of or person “**affiliated with**” another person means a person who, directly, or indirectly, controls, is controlled by, or is under common control with, such other person.

Aggregate Exercise Price

The term “**aggregate exercise price**” means the exercise price of an option contract multiplied by the number of units of the underlying security covered by the option contract.

American-Style Option

The term “**American-style option**” means an option contract that, subject to the provisions of Rule 700 (relating to the cutoff time for exercise instructions) and to the Rules of the Clearing Corporation, can be exercised on any business day prior to its expiration date and on its expiration date.

Associated Person or Person Associated with a Member

The term “**associated person**” or “**person associated with a Member**” means any partner, officer, director, or branch manager of a Member (or any person occupying a similar status or performing similar functions), any person directly or indirectly controlling, controlled by, or under common control with a Member, or any employee of a Member.

Bid

The term “**bid**” means a limit order or quote to buy one or more option contracts.

Board

The term “**Board**” means the Board of Directors of Miami International Securities Exchange, LLC.

Book

The term “**Book**” means the electronic book of buy and sell orders and quotes maintained by the System.

By-Laws

The term “**By-Laws**” means the By-Laws of Miami International Securities Exchange, LLC, as the same may be amended from time to time.

Call

The term “**call**” means an option contract under which the holder of the option has the right, in accordance with the terms of the option, to purchase from the Clearing Corporation the number of units of the underlying security covered by the option contract.

Class of Options or Option Class

The terms “**class of options**” or “**option class**” mean all option contracts covering the same underlying security.

Clearing Corporation

The term “**Clearing Corporation**” means The Options Clearing Corporation.

Clearing Member

The term “**Clearing Member**” means a Member that has been admitted to membership in the Clearing Corporation pursuant to the provisions of the rules of the Clearing Corporation.

Closing Purchase Transaction

The term “**closing purchase transaction**” means an Exchange Transaction which will reduce or eliminate a short position in an option contract.

Closing Writing Transaction

The term “**closing writing transaction**” means an Exchange Transaction which will reduce or eliminate a long position in an option contract.

Control

The term “control” means the power to exercise a controlling influence over the management or policies of a person, unless such power is solely the result of an official position with such person. Any person who owns beneficially, directly or indirectly, more than 20% of the voting power in the election of directors of a corporation, or more than 25% of the voting power in the election of directors of any other corporation which directly or through one or more affiliates owns beneficially more than 25% of the voting power in the election of directors of such corporation, shall be presumed to control such corporation.

Covered

The term “**covered**” in respect of a short position in a call option contract means that the writer's obligation is secured by a “specific deposit” or an “escrow deposit” meeting the conditions of Rule 610(f) or 610(h), respectively, of the Rules of the Clearing Corporation, or the writer holds in the same account as the short position, on a share-for-share basis, a long position either in the underlying security or in an option contract of the same class of options where the exercise price of the option contract in such long position is equal to or less than the exercise price of the option contract in such short position. The term “covered” in respect of a short position in a put option contract means that the writer holds in the same account as the short position, on a share-for-share basis, a long position in an option contract of the same type and class of options where the exercise price of the option contract in such long position is equal to or greater than the exercise price of the option contract in such short position.

Discretion

The term “**discretion**” means the authority of a broker or dealer to determine for a customer the type of option, the class or series of options, the number of contracts, or whether options are to be bought or sold.

Electronic Exchange Member

The term “**Electronic Exchange Member**” means the holder of a Trading Permit who is not a Market Maker. Electronic Exchange Members are deemed “members” under the Exchange Act.

European-Style Option

The term “**European-style option**” means an option contract that, subject to the provisions of Rule 700 (relating to the cutoff time for exercise instructions) and to the Rules of the Clearing Corporation, can be exercised only on its expiration date.

Exchange

The term “**Exchange**” means the national securities exchange known as Miami International Securities Exchange or MIAX.

Exchange Act

The term “**Exchange Act**” means the Securities Exchange Act of 1934, as amended.

Exchange Transaction

The term “**Exchange Transaction**” means a transaction involving a security that is effected on the Exchange.

Exercise Price

The term “**exercise price**” means the specified price per unit at which the underlying security may be purchased or sold upon the exercise of an option contract.

Federal Reserve Board

The term “**Federal Reserve Board**” means the Board of Governors of the Federal Reserve System.

Foreign Broker-Dealer

The term “foreign broker-dealer” means any person or entity that is registered, authorized or licensed by a foreign governmental agency or foreign regulatory organization (or is required to be so registered, authorized or licensed) to perform the function of a broker or dealer in securities, or both. For the purposes of this definition, the terms “broker” and “dealer” have the same meaning as provided in Section 3(a)(4) and 3(a)(5) of the Exchange Act, except that a “broker” or “dealer” may be a bank.

He, Him or His

The terms “**he**,” “**him**” or “**his**” shall be deemed to refer to persons of female as well as male gender, and to include organizations, as well as individuals, when the context so requires.

Help Desk

The term “Help Desk” means the Exchange’s control room consisting of Exchange staff authorized to make certain trading determinations on behalf of the Exchange. The Help Desk shall report to and be supervised by a senior executive officer of the Exchange.

Individual Option

The term “**individual option**” means an option contract that is either a put or a call, covering a specific underlying security and having a specific exercise price and expiration date.

Lead Market Maker

The term “**Lead Market Maker**” means a Member registered with the Exchange for the purpose of making markets in securities traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter VI of these Rules with respect to Lead Market Makers. When a Lead Market Maker is appointed to act in the capacity of a Primary Lead Market Maker, the additional rights and responsibilities of a Primary Lead Market Maker specified in Chapter VI of these Rules will apply.

Long Position

The term “**long position**” means a person’s interest as the holder of one or more units of trading of a given option contract.

Market Makers

The term “**Market Makers**” refers to “Lead Market Makers”, “Primary Lead Market Makers” and “Registered Market Makers” collectively.

MBBO

The term “**MBBO**” means the best bid or offer on the Exchange.

Member

The term “**Member**” means an individual or organization approved to exercise the trading rights associated with a Trading Permit. Members are deemed “members” under the Exchange Act.

Membership

The term “**Membership**” refers to the trading privileges held by a Member.

MIAX

The term “**MIAX**” means the Miami International Securities Exchange, LLC.

NBBO

The term “**NBBO**” means the national best bid or offer as calculated by the Exchange based on market information received by the Exchange from OPRA.

Non-Customer

The term “**Non-Customer**” means a person or entity that is a broker or dealer in securities.

Non-Customer Order

The term “**Non-Customer Order**” means an order for the account of a Non-Customer.

Offer

The term “**offer**” means a limit order or quote to sell one or more option contracts.

Opening Purchase Transaction

The term “**opening purchase transaction**” means an Exchange Transaction which will create or increase a long position in an option contract.

Opening Writing Transaction

The term “**opening writing transaction**” means an Exchange Transaction which will create or increase a short position in an option contract.

OPRA

The term “**OPRA**” means the Options Price Reporting Authority, LLC.

Option Contract

The term “**option contract**” means a put or a call issued, or subject to issuance, by the Clearing Corporation pursuant to the Rules of the Clearing Corporation.

Options Principal

The term “**Options Principal**” means a person engaged in the management and supervision of the Member’s business pertaining to option contracts that has responsibility for the overall oversight of the Member’s options related activities on the Exchange.

Order

The term “**order**” means a firm commitment to buy or sell option contracts.

Outstanding

The term “**outstanding**” in respect of an option contract means an option contract which has been issued by the Clearing Corporation and has neither been the subject of a closing writing transaction nor has reached its expiration date.

Primary Lead Market Maker

The term “**Primary Lead Market Maker**” means a Lead Market Maker appointed by the Exchange to act as the Primary Lead Market Maker for the purpose of making markets in securities traded on the Exchange. The Primary Lead Market Maker is vested with the rights and responsibilities specified in Chapter VI of these Rules with respect to Primary Lead Market Makers.

Primary Market

The term “**primary market**” means the principal market in which an underlying security is traded.

Principal Shareholder

The term “**principal shareholder**” means any person beneficially owning, directly or indirectly, equity securities representing 5% of the voting power in elections of directors, or 5% of the net worth, or a 5% participation in the net profits, of a corporation.

Priority Customer

The term “**Priority Customer**” means a person or entity that (i) is not a broker or dealer in securities, and (ii) does not place more than 390 orders in listed options per day on average during a calendar month for its own beneficial accounts(s).

Priority Customer Order

The term “**Priority Customer Order**” means an order for the account of a Priority Customer.

Priority Quote

The term “**priority quote**” has the meaning set forth in Rule 517(b)(1)(i).

Professional Interest

The term “**Professional Interest**” means (i) an order that is for the account of a person or entity that is not a Priority Customer, or (ii) an order or non-priority quote for the account of a Market Maker.

Public Customer

The term “**Public Customer**” means a person that is not a broker or dealer in securities.

Public Customer Order

The term “**Public Customer Order**” means an order for the account of a Public Customer.

Put

The term “**put**” means an option contract under which the holder of the option has the right, in accordance with the terms and provisions of the option, to sell to the Clearing Corporation the number of units of the underlying security covered by the option contract.

Quarterly Options Series

The term “**Quarterly Options Series**” is a series in an options class that is approved for listing and trading on the Exchange in which the series is opened for trading on any business day and that expires at the close of business on the last business day of a calendar quarter.

Quote or Quotation

The term “**quote**” or “**quotation**” means a bid or offer entered by a Market Maker that is firm and may update the Market Maker’s previous quote, if any. The Rules of the Exchange provide for the use of different types of quotes, including Standard quotes and eQuotes, as more fully described in Rule 517. A Market Maker may, at times, choose to have multiple types of quotes active in an individual option.

Registered Market Maker

The term “**Registered Market Maker**” means a Member registered with the Exchange for the purpose of making markets in securities traded on the Exchange, who is not a Lead Market Maker and is vested with the rights and responsibilities specified in Chapter VI of these Rules with respect to Registered Market Makers.

Responsible Person

The term “Responsible Person” shall mean an individual designated by an organization that is the holder of a Trading Permit to represent the organization with respect to that Trading Permit in all matters relating to the Exchange. The Responsible Person must be a United States-based officer, director or management-level employee of the Trading Permit holder, who is responsible for the direct supervision and control of Associated Persons of that Trading Permit holder.

Rules

The term “**Rules**” means the Rules of the Exchange as the same may be in effect from time to time.

Rules of the Clearing Corporation

The term “**Rules of the Clearing Corporation**” means the Certificate of Incorporation, the By-laws and the Rules of the Clearing Corporation, and all written interpretations thereof, as the same may be in effect from time to time.

SEC or Commission

The term “**SEC**” or “**Commission**” means the United States Securities and Exchange Commission.

Series of Options

The term “**series of options**” means all option contracts of the same class having the same exercise price and expiration date.

Short Position

The term “**short position**” means a person’s interest as the writer of one or more units of trading of a given option contract.

Short Term Option Series

The term “**Short Term Option Series**” is a series in an option class that is approved for listing and trading on the Exchange in which the series is opened for trading on any Friday that is a business day and that expires on the next Friday that is a business day. If a Friday is not a business day, the series may be opened (or shall expire) on the first business day immediately prior to that Friday.

SRO

The term “**SRO**” means a self-regulatory organization as defined in Section 3(a) (26) of the Exchange Act.

System

The term “**System**” means the automated trading system used by the Exchange for the trading of securities.

Trading Permit

The term “**Trading Permit**” means a permit issued by the Exchange that confers the ability to transact on the Exchange.

Type of Option

The term “**type of option**” means the classification of an option contract as either a put or a call.

Uncovered

The term “**uncovered**” in respect of a short position in an option contract means that the short position is not covered.

Underlying Security

The term “**underlying security**” in respect of an option contract means the security which the Clearing Corporation shall be obligated to sell (in the case of a call option contract) or purchase (in the case of a put option contract) upon the valid exercise of the option contract.

Voluntary Professional

The term “**Voluntary Professional**” means any Public Customer that elects, in writing, to be treated in the same manner as a broker or dealer in securities for purposes of Rule 514, as well as the Exchange’s schedule of fees.

CHAPTER II. ACCESS

Rule 200. Trading Permits

(a) **Issuance.** The Exchange shall issue Trading Permits that confer the ability to transact on the Exchange. There is no limit on the number of Trading Permits that may be issued by the Exchange; however the Exchange shall have the authority to limit or decrease the number of Trading Permits it has determined to issue. The Exchange shall announce in advance any limitation or decrease it plans to impose pursuant to this Rule. In the event the Exchange imposes a limitation or decrease pursuant to this Rule, the Exchange, in doing so, may not eliminate the ability of an existing Member to trade on the Exchange unless the Exchange is permitted to do so pursuant to a rule filing submitted to the Commission under Section 19(b) of the Exchange Act. In addition, in no event shall the Exchange act in a manner under this subparagraph that does not comply with the provisions of Section 6(c)(4) of the Exchange Act.

(b) **Qualification Requirements.** A Member must be registered as a broker-dealer pursuant to Section 15 of the Exchange Act. If a Member intends to transact business with the public, it must obtain approval to transact business with the public pursuant to Rule 1300 or be approved to transact business with the public by another national securities exchange as set forth in Rule 1300.

(c) **Application Process.** All persons or entities seeking to hold a Trading Permit (“Applicant”) must submit an application to the Exchange in accordance with such procedures as shall be established by the Exchange via Regulatory Circular including submission deadlines and payment of any applicable application fees. In addition, the following shall apply:

(1) Each Applicant shall promptly update the application materials submitted to the Exchange if any of the information provided in these materials becomes inaccurate or incomplete after the date of submission of the application to the Exchange and prior to any approval of the application.

(2) The Exchange shall investigate each Applicant applying to be a Member (with the exception of any Applicant that was a Member within 9 months prior to the date of receipt of that Applicant's application by the Exchange, and any Applicant that was investigated by the Exchange within 9 months prior to the date of receipt of that Applicant's application by the Exchange). The Exchange may investigate any Applicant that is not required to be investigated pursuant to this paragraph. In connection with an investigation conducted pursuant to this paragraph, the Exchange may (i) conduct a fingerprint based criminal records check of the Applicant and its Responsible Person; or (ii) utilize the results of a fingerprint based criminal records check of the Applicant and its Responsible Person conducted by the Exchange or another self-regulatory organization within the prior year.

(3) The Exchange may approve an application submitted pursuant to this Rule only if any investigation pursuant to paragraph (2) above has been completed, and any applicable orientation and/or exam requirements established by the Exchange have been satisfied.

(4) Each Applicant that submits an application pursuant to paragraph (c) of this Rule shall submit to the Exchange any additional information requested by the Exchange in connection with the Exchange's review of the application and may be required to appear before the Exchange for an in-person interview or interviews.

(5) Upon completion of the application process, the Exchange shall determine whether to approve or disapprove the application, unless there is just cause for delay. One such just cause for delay is when an Applicant is the subject of an inquiry, investigation, or proceeding conducted by a self-regulatory organization or governmental authority that involves the Applicant's fitness to be a Member. In such an instance, the Exchange need not act on any application submitted by that Applicant until the matter has been resolved.

(6) Written notice of the action regarding an application to become a Member, specifying in the case of disapproval of an application the grounds thereof, shall be provided to the Applicant.

(7) Every Applicant must have and maintain membership in another registered options exchange (that is not registered solely under Section 6(g) of the Exchange Act). If such other registered options exchange has not been designated by the Commission, pursuant to Rule 17d-1 under the Exchange Act, to examine Members for compliance with financial responsibility rules, then such Applicant must have and maintain a membership in FINRA.

(d) **Rights of Member.** No rights shall be conferred upon a Member except those set forth in the By-Laws or Rules as amended from time to time. A Trading Permit shall not convey any ownership interest in the Exchange. Trading Permits may not be leased and are not transferable except in the event of a change in control or corporate reorganization involving a Member. In such a case, Member status may be transferred to a qualified affiliate or successor upon written notice to the Exchange.

(e) **Fees and Charges for Trading Permits.** Trading Permits shall be subject to such fees and charges as are established by the Exchange from time to time pursuant to Rule 1202 and Rule 1203 and the Exchange Fee Schedule. The entire fee for a Trading Permit shall be due and payable in full on or before the first day on which the Trading Permit is effective on a nonrefundable basis. An organization holding a Trading Permit in its name shall be responsible for paying all fees and charges for that Trading Permit. An individual holding a Trading Permit in his or her name shall be responsible for paying all fees and charges for that Trading Permit.

(f) **Exchange Jurisdiction over Trading Members.** Every Member shall be subject to the regulatory jurisdiction of the Exchange under the Exchange Act and the Rules, including without limitation the Exchange's disciplinary jurisdiction under Chapter X of the Rules.

Rule 201. Denial of and Conditions to Being a Member

(a) The Exchange shall deny Membership where an Applicant (as defined in Rule 200(c)) has failed a required Membership test.

(b) The Exchange may deny (or may condition) Membership or may prevent a person from becoming associated (or may condition an association) with a Member for the same reasons that the Commission may deny or revoke a broker-dealer registration and for those reasons required or allowed under the Exchange Act.

(c) The Exchange also may deny (or may condition) Membership or may prevent a person from becoming associated (or may condition an association) with a Member when the Applicant:

(1) is a broker-dealer and (i) has a net worth (excluding personal assets) below \$25,000 if the applicant is an individual, (ii) has a net worth (excluding personal assets) below \$50,000 if the applicant is an organization, (iii) has financial difficulties involving an amount that is more than 5% of the applicant's net worth, or (iv) has a pattern of failure to pay just debts;

(2) is unable satisfactorily to demonstrate a capacity to adhere to all applicable Exchange, Commission, Clearing Corporation, and Federal Reserve Board policies, rules, and regulations, including those concerning record-keeping, reporting, finance, and trading procedures; or

(3) for such other cause as the Exchange reasonably may decide.

(d) The Exchange may determine not to permit a Member or a person associated with a Member to continue in Membership or association with a Member or may condition such continuance as a Member if the Member:

(1) fails to meet any of the qualification requirements for Membership or association after the Membership or association has been approved;

(2) fails to meet any condition placed by the Exchange on such Membership or association; or

(3) violates any agreement with the Exchange.

(e) Any decision made by the Exchange pursuant to paragraphs (a), (b) or (c) this Rule must be consistent with both the provisions of this Rule and the provisions of the Exchange Act.

(f) Any Applicant who has been denied Membership or association with a Member or granted only conditional Membership or association pursuant to paragraph (a), (b) or (c) of this Rule, and any Member or person associated with a Member who is not permitted to continue in Membership or association or whose continuance in Membership or association is conditioned pursuant to paragraph (d) of this Rule, may appeal the Exchange's decision under Chapter XI (Hearings, Review and Arbitration). No determination of the Exchange to discontinue or condition a person's Membership or association with a Member pursuant to paragraph (d) of this Rule shall take effect until the review procedures under Chapter XI (Hearings, Review and Arbitration) have been exhausted or the time for review has expired.

(g) Without prior Commission approval, the Exchange or any entity with which it is affiliated shall not directly or indirectly through one or more intermediaries acquire or maintain an ownership interest in an Exchange Member. In addition, without prior Commission approval, no Member shall be or become affiliated with (1) the Exchange; or (2) any affiliate of the Exchange. Nothing herein shall prohibit a Member from acquiring or holding an equity interest in (i) Miami International Holdings, Inc. that is permitted by the Certificate of Incorporation of Miami International Holdings, Inc. or (ii) Miami International Securities Exchange, LLC that is permitted by the Amended and Restated Limited Liability Company Agreement of Miami International Securities Exchange, LLC.

(h) Nothing in this Rule shall prohibit any Member from being or becoming an affiliate of the Exchange, or any facility of the Exchange, or an affiliate of any affiliate of the Exchange or any facility of the Exchange solely by reason of any officer, director or partner of such Member being or becoming a Director or Advisory Board member of Miami International Holdings, Inc. or Miami International Securities Exchange, LLC.

Rule 202. Persons Associated with Member

(a) Persons associated with Members shall be bound by the Bylaws and Rules of the Exchange and of the Clearing Corporation. The Exchange may bar a person from becoming or continuing to be associated with a Member if such person does not agree in writing, in a manner and form prescribed by the Exchange, to furnish the Exchange with information with respect to such person's relationship and dealings with the Member, and information reasonably related to such person's other securities business, as may be required by the Exchange, and to permit the examination of its books and records by the Exchange to verify the accuracy of any information so supplied.

(b) Each associated person of a Member that is required to be disclosed on Exchange Act Form BD as a direct owner or executive officer is required to submit to the Exchange pursuant to Rule 200 an application for approval to become associated with the Member in that capacity. No person may become associated with a Member in the capacity of a direct owner or executive that is required to be disclosed on Form BD unless and until the Exchange approves the association.

(c) A claim of any associated person required to be approved by the Exchange pursuant to paragraph (b) of this Rule against the Member with which that person is associated shall be subordinate in right of payment to customers and other Members.

Rule 203. Qualification and Registration of Members and Associated Persons

(a) **Registration of Members and Associated Persons Engaged in the Securities Business.** Members that are individuals and associated persons of Members engaged or to be engaged in the securities business of a Member shall be registered with the Exchange in the category of registration appropriate to the function to be performed in a form and manner prescribed by the Exchange. Before the registration can become effective, the individual Member or individual associated person shall submit the appropriate application for registration, pass a qualification examination appropriate to the category of registration in a form and manner prescribed by the Exchange and

submit any required registration and examination fees. A Member shall not maintain a registration with the Exchange for any person: (1) who is no longer active in the Member's securities business; (2) who is no longer functioning in the registered capacity; or (3) where the sole purpose is to avoid an examination requirement. A Member shall not make application for the registration of any person where there is no intent to employ that person in the Member's securities business. A Member may, however, maintain or make application for the registration of an individual who performs legal, compliance, internal audit, back-office operations, or similar responsibilities for the Member, or a person who performs administrative support functions for registered personnel, or a person engaged in the securities business of a foreign securities affiliate or subsidiary of the Member.

(b) **Persons Exempt from Registration.** The following individual Members and individual associated persons of Members are exempt from the registration requirements set forth in paragraph (a):

- (1) individual associated persons whose functions are solely and exclusively clerical or ministerial;
- (2) individual Members and individual associated persons who are not actively engaged in the securities business;
- (3) individual associated persons whose functions are related solely and exclusively to the Member's need for nominal corporate officers or for capital participation; or
- (4) Individual associated persons whose functions are related solely and exclusively to:
 - (i) transactions in commodities;
 - (ii) transactions in security futures; and/or
 - (iii) effecting transactions on the floor of another national securities exchange and who are registered as floor members with such exchange.

(c) **Financial/Operations Principal.** Each Member subject to Exchange Act Rule 15c3-1 shall designate a Financial/Operations Principal. The duties of a Financial/Operations Principal shall include taking appropriate actions to assure that the Member complies with applicable financial and operational requirements under the Rules and the Exchange Act, including but not limited to those requirements relating to the submission of financial reports and the maintenance of books and records. Each Financial/Operations Principal is required to have successfully completed the Financial and Operations Principal Examination (Series 27 Exam). Each Financial/Operations Principal designated by a Member shall be registered in that capacity with the Exchange in a form and manner prescribed by the Exchange. A Financial/Operations Principal of a Member may be a full-time employee, a part-time employee or independent contractor of the Member.

(d) **Chief Compliance Officer.** Each Member and Member organization that is a registered broker-dealer shall designate a Chief Compliance Officer on Schedule A of Form BD. An individual designated as a Chief Compliance Officer is required to register with the Exchange and pass the appropriate heightened qualification examination(s) as prescribed by the Exchange. A person who has been designated as a Chief Compliance Officer on Schedule A of Form BD for at least two years immediately prior to January 1, 2002, and who has not been subject within the last ten years to

- (1) any statutory disqualification as defined in Section 3(a)(39) of the Act;
- (2) a suspension;
- (3) the imposition of a fine of \$5,000 or more for a violation of any provision of any securities law or regulation or any agreement with, rule or standard of conduct of any securities governmental agency, or securities self-regulatory organization; or

(4) the imposition of a fine of \$5,000 or more by any such regulatory or self-regulatory organization in connection with a disciplinary proceeding;

shall be required to register in this heightened category of registration as prescribed by the Exchange, but shall be exempt from the requirement to pass the heightened qualification examination as prescribed by the Exchange.

(e) **Registration Required Under Chapter XIII.** Individual associated persons of a Member Organization that conducts a public customer business must also comply with the registration requirements set forth in Chapter XIII. These additional registration categories include: (1) Registered Options Principal; and (2) Registered Representative.

(f) **Requirement for Examination on Lapse of Registration.** Any person whose registration has been revoked by the Exchange as a disciplinary sanction or whose most recent registration has been terminated for two or more years immediately preceding the date of receipt by the Exchange of a new application shall be required to pass a qualification examination appropriate to the category of registration as prescribed by the Exchange.

Interpretations and Policies:

.01 Each individual required to be registered under this Rule shall electronically file a Uniform Application for Securities Industry Registration (“Form U-4”) through the Central Registration Depository system operated by FINRA (“Web CRD”)

.02 Each individual required to be registered under this Rule shall, electronically submit to Web CRD any required amendments to Form U-4.

.03 Any Member or Member organization that discharges or terminates the employment or retention of an individual required to be registered under this Rule shall comply with the termination filing requirements set forth in Rules 1303(a) and 1303(b).

.04 Each individual required to be registered under this Rule is required to satisfy the continuing education requirements set forth in Rule 1304 as applicable and any other continuing education requirements as prescribed by the Exchange.

.05 The Exchange may, in exceptional cases and where good cause is shown, waive the applicable qualification examination and accept other standards as evidence of an applicant's qualifications for registration. Advanced age or physical infirmity will not individually of themselves constitute sufficient grounds to waive a qualification examination. Experience in fields ancillary to the securities business may constitute sufficient grounds to waive a qualification examination.

.06 For purposes of paragraph (a)(1) above, the Exchange shall consider an individual Member or an individual associated person to be engaged in the securities business of a Member or Member organization if:

(a) the individual Member or individual associated person engages in one or more of the following activities in the capacity of a Member or on behalf of the associated Member or Member organization:

- (1) proprietary trading;
- (2) market-making;
- (3) effecting transactions on behalf of a broker-dealer;
- (4) supervision or monitoring of proprietary trading, market making, or brokerage activities;

(5) supervision or training of those engaged in proprietary trading, market making or brokerage activities with respect to those activities; or

(b) the individual Member or individual associated Member engages in the management of one or more of the activities enumerated in subparagraphs (1) through (5) above as an officer, partner or a director.

.07 Each Member and Member organization must register with the Exchange in a heightened capacity each individual acting in any of the following capacities:

(a) officer;

(b) partner;

(c) director;

(d) supervisor of proprietary trading, market making or brokerage activities; and/or

(e) supervisor of those engaged in proprietary trading, market making or brokerage activities with respect to those activities.

Each Member or Member organization must register with the Exchange at least two individuals acting in one or more of the capacities described in (a) through (e) above. The Exchange may waive this requirement if a Member or Member organization demonstrates conclusively that only one individual acting in one or more of the heightened capacities described in (a) through (e) above should be required to register. A Member or Member organization that conducts proprietary trading only and has 25 or fewer registered persons may be required to have one officer or partner who is registered in this capacity.

.08 For purposes of these Interpretation and Policies to Rule 203, a Member or Member organization shall be considered to conduct only proprietary trading if the Member or Member organization has the following characteristics:

(a) The Member or Member organization is not required by Section 15(b)(8) of the Exchange Act to become a FINRA member but is a member of another registered securities exchange not registered solely under Section 6(g) of the Exchange Act;

(b) All funds used or proposed to be used by the Member or Member organization are the Member's or Member organization's own capital, traded through the Member's or Member organization's own accounts;

(c) The Member or Member organization does not, and will not, have customers; and

(d) All persons registered on behalf of the Member or Member organization acting in the capacity of a trader must be owners of, employees of, or contractors of the Member or Member organization.

Rule 204. Members and Persons Associated with a Member Who Are or Become Subject to a Statutory Disqualification

(a) The Exchange may determine in accordance with the provisions of this Rule not to allow a Member or associated person of a Member to continue being a Member or associated with a Member, or to condition such continuance as a Member or associated person, if the Member or associated person is or becomes subject to a statutory disqualification under the Exchange Act.

(b) If a Member or associated person of a Member who is or becomes subject to a statutory disqualification under the Exchange Act wants to continue being a Member or associated with a Member, the Member or associated person must, within 30 days of becoming subject to a statutory disqualification, submit an application to the Exchange, in a form and manner prescribed by the Exchange, seeking to continue being a Member or associated with a Member notwithstanding the statutory disqualification. The application shall be accompanied by copies of all documents that are contained in the record of the underlying proceeding that triggered the statutory disqualification. Failure to timely file such an application is a factor that may be taken into consideration by the Exchange in making determinations pursuant to paragraph (c) of this Rule.

(c) Following the receipt of an application submitted pursuant to paragraph (b) of this Rule, or in the event the Exchange becomes aware that a Member or associated person of a Member is subject to a statutory disqualification and has failed to submit an application pursuant to paragraph (b) of this Rule within the required time period, the Exchange shall appoint a panel to conduct a hearing concerning the matter pursuant to the procedure set forth in Chapter XI (Hearings, Review and Arbitration).

(d) Subject to Chapter IX (Summary Suspension) of the Rules, any applicant whose application to become a Member is denied or conditioned, or any person whose association with a Member is denied or conditioned pursuant to paragraph (a), (b) or (c) of Rule 201, and any Member or person associated with a Member who is not permitted pursuant to this Rule to continue as a Member or to be associated with a Member or which continuance as a Member or association is conditioned, may appeal the Exchange's decision under Chapter XI (Hearings, Review and Arbitration) of the Rules.

(e) No determination to discontinue or condition a person as a Member or associated person pursuant to this Rule shall take effect until the review procedures under paragraph (d) of this Rule have been exhausted or the time for review has expired.

Interpretations and Policies:

.01 The Exchange may waive the provisions of this Rule when a proceeding is pending before another self-regulatory organization to determine whether to permit a Member or an associated person of a Member to continue being a Member or associated with the Member notwithstanding a statutory disqualification. In the event the Exchange determines to waive the provisions of this Rule with respect to a Member or associated person, the Exchange shall determine whether it will concur in any Exchange Act Rule 19h-1 filing made by another self-regulatory organization with respect to the Member or associated person.

.02 If a Member or an associated person of a Member is or becomes subject to a statutory disqualification under the Exchange Act, the Member shall immediately provide written notice to the Exchange of the name of the Member or associated person, the associated person's capacity with the Member, and the nature of the statutory disqualification.

.03 In those instances where Exchange Act Rule 19h-1(a)(2) does not require the Exchange to make a notice filing with the Commission to permit an associated person to continue in association with a Member, and where the Exchange intends to grant the associated person's application for continued association, the Exchange may waive the hearing provisions of paragraph (c) above with respect to that associated person.

Rule 205. Dissolution and Liquidation of Members

Every Member shall promptly provide written notice to the Exchange of any adoption of a plan of liquidation or dissolution of the Member and of any actual liquidation or dissolution of the Member. Upon receipt of such a notice, the Member may be suspended in accordance with Chapter IX (Summary Suspension) of the Rules.

Rule 206. Obligations of Terminating Members

Each terminating Member shall promptly (a) make any outstanding filings required under Exchange Rules, and (b) pay any outstanding fees, assessments, charges, fines, or other amounts due to the Exchange, the Commission, or the Securities Investor Protection Corporation. If a Member fails to make all such filings, or to pay all such dues, fees and charges, the Exchange may, notwithstanding the other applicable provisions of this Chapter, delay the effectiveness of the termination until such failures have been remedied.

Rule 207. Responsible Person

Each Member must designate an individual as the Responsible Person (as defined in Rule 100) for the Member. The Responsible Person must be affiliated with the Member.

Rule 208. MIAX Billing System

Every Member must designate a Clearing Member for the payment of the Member's Exchange invoices and vendor invoices for Exchange-related services designated by the Exchange by means of the Exchange's MIAX Billing System ("MBS"). The designated Clearing Member shall pay to the Exchange on a timely basis any amount that is not disputed pursuant to MBS procedures by the Member who is directly involved. Such payments shall be drafted by the Exchange against the designated Clearing Member's account at the Clearing Corporation.

Rule 209. Letter of Guarantee

Each Member shall provide a letter of guarantee for the Member's trading activities on the Exchange from a Clearing Member in a form and manner prescribed by the Exchange.

Rule 210. Sponsored Access to the Exchange

(a) **General.** This Rule governs electronic access for the entry and execution of orders by Sponsored Users with authorized access to the System and the applicable requirements that Sponsored Users and Sponsoring Members are required to satisfy in order to engage in a Sponsoring Member/Sponsored User relationship. For purposes of this Rule, a "Sponsored User" is a person or entity that has entered into a sponsorship arrangement with a Sponsoring Member for purposes of receiving access to the System.

(b) **Sponsored User.** A Sponsored User may obtain and maintain authorized access to the System, only if such access is authorized in advance by one or more Sponsoring Members as follows:

(1) Sponsored Users must enter into a sponsorship arrangement with a "Sponsoring Member," which is defined as a Member that agrees to sponsor the Sponsored User's access to the System. The sponsorship arrangement consists of three separate components:

(i) The Sponsored User must enter into and maintain a customer agreement(s) with its Sponsoring Member(s), establishing a proper relationship(s) and account(s) through which the Sponsored User will be permitted to trade on the System.

(ii) For a Sponsored User to obtain and maintain authorized access to the System, the Sponsored User and its Sponsoring Member must enter into a written agreement that incorporates the following sponsorship provisions:

(A) The Sponsored User and its Sponsoring Member must have entered into and maintained a Sponsored User Agreement with the Exchange.

(B) The Sponsoring Member acknowledges and agrees that:

1. all orders entered by its Sponsored User, any person acting on behalf of such Sponsored User (e.g., employees or agents of the Sponsored User), or any person acting in the name of such Sponsored User (e.g., customers of the Sponsored User) and any executions occurring as a result of such orders are binding in all respects on the Sponsoring Member; and

2. the Sponsoring Member is responsible for any and all actions taken by such Sponsored User and any person acting on behalf of or in the name of such Sponsored User.

(C) The Sponsoring Member agrees that it will be bound by and comply with the Exchange's By-Laws, Rules and procedures, as well as any other equivalent documents pertaining to the System (collectively, the "Exchange Rules"), and the Sponsored User agrees that it will be bound by and comply with the Exchange Rules as if the Sponsored User were a Member.

(D) Both the Sponsoring Member and the Sponsored User will agree to comply with all applicable federal securities laws, rules and regulations in connection with the Sponsoring Member/Sponsored User relationship.

(E) The Sponsored User agrees that it will maintain, keep current and provide to the Sponsoring Member a list of persons who have been granted access to the System on behalf of the Sponsored User ("Authorized Traders").

(F) The Sponsored User agrees that it will familiarize its Authorized Traders with all of the Sponsored User's obligations under this Rule and will assure that they receive appropriate training prior to any use of or access to the System.

(G) The Sponsored User agrees that it will not permit anyone other than Authorized Traders to use or obtain access to the System.

(H) The Sponsored User agrees that it will take reasonable security precautions to prevent unauthorized use of or access to the System, including unauthorized entry of information into the System, or the information and data made available therein. The Sponsored User understands and agrees that it is responsible for any and all orders, trades and other messages and instructions entered, transmitted or received under identifiers, passwords and security codes of the Sponsored User and any person acting on behalf of or in the name of such Sponsored User, and for the trading and other consequences thereof.

(I) The Sponsored User acknowledges its responsibility for establishing adequate procedures and controls that permit it to effectively monitor use of and access to the System by any person acting on behalf of or in the name of Sponsored User for compliance with the terms of these sponsorship provisions.

(J) The Sponsored User agrees that it will pay when due all amounts, if any, payable to the Sponsoring Member, the Exchange or any other third parties that arise from the Sponsored User's use of or access to the System. Such amounts include, but are not limited to, applicable Exchange and regulatory fees.

(iii) The Sponsored User and Sponsoring Member must provide the Exchange with a Sponsored User Agreement acknowledging and agreeing to the requirements of this Rule, including an acknowledgement by the Sponsoring Member of its responsibility for the orders, executions and actions of its Sponsored User. To the extent the Sponsoring Member is not a clearing firm, the Sponsoring Member's clearing firm, which must be a Member, must provide the Exchange with a Letter of Authorization, which specifically accepts responsibility for the clearance of the Sponsored User's transactions. Upon approval by the Clearing Corporation, if applicable, and filing with the Exchange, an existing Letter of Authorization may be amended to include the Sponsoring Member/Sponsored User relationship. Sponsored User Agreements and Letters of Authorization filed with the Exchange will remain in effect until a written notice of revocation has been filed with the Exchange. If such a written notice of revocation has not been filed with the Exchange at least one hour prior to the opening of trading on the particular business day, such revocation shall not become effective until the close of trading on such day. A

revocation shall in no way relieve the Sponsoring Member or, if applicable, the Sponsored Member's clearing firm of responsibility for transactions guaranteed prior to the effective date of the revocation.

(c) Sponsoring Member.

(1) Each Sponsoring Member must have an effective process for vetting and approving persons who may obtain access to the System on behalf of its Sponsored Users (*i.e.*, Authorized Traders);

(2) Each Sponsoring Member must maintain an up-to-date list of Authorized Traders and must provide that list to the Exchange upon request; and

(3) Each Sponsoring Member must have reasonable procedures to ensure that Sponsored User and all of its Sponsored Users' Authorized Traders: (i) maintain the physical security of the Exchange and the System, which includes, but is not limited to, the equipment for accessing the facilities of the Exchange and the System, to prevent the unauthorized use or access to the Exchange or the System, including the unauthorized entry of information into the Exchange or the System, or the information and data made available therein; and (ii) otherwise comply with the Exchange Rules and all applicable federal securities laws, rules and regulations.

(d) If the Exchange determines that a Sponsored User or an Authorized Trader has caused a Sponsoring Member to violate the Exchange Rules or Exchange Act Rule 15c3-5, the Exchange may direct the Sponsoring Member to suspend or withdraw the Sponsored User's status as a Sponsored User or the person's status as an Authorized Trader and, if so directed, the Sponsoring Member must suspend or withdraw such status.

CHAPTER III. BUSINESS CONDUCT

Rule 300. Adherence to Law

No Member shall engage in conduct in violation of the Exchange Act, the By-Laws or the Rules of the Exchange, or the Rules of the Clearing Corporation insofar as they relate to the reporting or clearance of any Exchange Transaction, or any written interpretation thereof. Every Member shall so supervise persons associated with the Member as to assure compliance therewith.

Rule 301. Just and Equitable Principles of Trade

No Member shall engage in acts or practices inconsistent with just and equitable principles of trade. Persons associated with Members shall have the same duties and obligations as Members under the Rules of this Chapter.

Interpretations and Policies:

.01 It will be a violation of Rule 301 for a Member to have a relationship with a third party regarding the disclosure of agency orders. Specifically, a Member may not disclose to a third party information regarding agency orders represented by the Member prior to entering such orders into the System to allow such third party to attempt to execute against the Member's agency orders. A Member's disclosing information regarding agency orders prior to the execution of such orders on the Exchange would provide an inappropriate informational advantage to the third party in violation of Rule 301. For purposes of this paragraph .01, a third party includes any other person or entity, including affiliates of the Member. Nothing in this paragraph is intended to prohibit a Member from soliciting interest to execute against an order it represents as agent (a "solicited order"), the execution of which is governed by Rule 520(c) and Interpretations and Policies .02 to Rule 520.

.02 It may be considered conduct inconsistent with just and equitable principles of trade for any person associated with a Member who has knowledge of all material terms and conditions of:

- (i) an order and a solicited order,
- (ii) an order being facilitated, or
- (iii) orders being crossed;

the execution of which are imminent, to enter, based on such knowledge, an order to buy or sell an option for the same underlying security as any option that is the subject of the order, or an order to buy or sell the security underlying such class, or an order to buy or sell any related instrument until (A) the terms of the order and any changes in the terms of the order of which the person associated with the Member has knowledge are disclosed to the trading crowd, or (B) the trade can no longer reasonably be considered imminent in view of the passage of time since the order was received. The terms of an order are "disclosed" to the trading crowd on the Exchange when the order is entered into the System.

Rule 302. Rumors

No Member shall circulate, in any manner, rumors of a character which might affect market conditions in any security; provided, however, that this Rule shall not prohibit discussion of unsubstantiated information, so long as its source and unverified nature are disclosed.

Rule 303. Prevention of the Misuse of Material Nonpublic Information

(a) Every Member shall establish, maintain and enforce written policies and procedures reasonably designed, taking into consideration the nature of the Member's business, to prevent the misuse of material nonpublic information by such Member or persons associated with such Member in violation of the federal securities laws or the rules thereunder, and the Rules.

(b) Misuse of material nonpublic information includes, but is not limited to:

(1) trading in any securities issued by a corporation, partnership, or an Exchange Traded Fund Share, as defined in Rule 402(i) (“Fund”), or a trust or similar entities, or in any related securities or related options or other derivative securities, or in any related non-U.S. currency, non-U.S. currency options, futures or options on futures on such currency, or any other derivatives based on such currency, or in any related commodity, related commodity futures or options on commodity futures or any other related commodity derivatives, while in possession of material nonpublic information concerning that corporation, partnership or Fund or a trust or similar entities;

(2) trading in an underlying security or related options or other derivative securities, or in any related non-U.S. currency, non-U.S. currency options, futures or options on futures on such currency, or in any related commodity, related commodity futures or options on commodity futures or any other related commodity derivatives, or any other derivatives based on such currency while in possession of material nonpublic information concerning imminent transactions in the above; and

(3) disclosing to another person any material nonpublic information involving a corporation, partnership, or Fund or a trust or similar entities whose shares are publicly traded or an imminent transaction in an underlying security or related securities or in the underlying non-U.S. currency or any related non-U.S. currency options, futures or options on futures on such currency, or in any related commodity, related commodity futures or options on commodity futures or any other related commodity derivatives, or any other derivatives based on such currency for the purpose of facilitating the possible misuse of such material nonpublic information.

(c) Each Member shall establish, maintain and enforce the following policies and procedures as appropriate for the nature of each Member’s business:

(1) all associated persons must be advised in writing of the prohibition against the misuse of material nonpublic information;

(2) signed attestations from the Member and all associated persons affirming their awareness of, and agreement to abide by, the aforementioned prohibitions must be maintained for at least three (3) years, the first two (2) years in an easily accessible place;

(3) records of all brokerage accounts maintained by the Member and all associated persons must be acquired and maintained for at least three (3) years, the first two (2) years in an easily accessible place, and such brokerage accounts must be reviewed periodically by the Member for the purpose of detecting the possible misuse of material nonpublic information; and

(4) any business dealings the Member may have with any entity whose securities are publicly traded, or any other circumstances that may result in the Member receiving, in the ordinary course of business, material nonpublic information concerning any such corporation, must be identified and documented.

(d) Members that are required, pursuant to Rule 803 (Audits), to file Form X-17A-5 under the Exchange Act with the Exchange on an annual basis only, shall, contemporaneously with those submissions, file attestations signed by such Members stating that the procedures mandated by this Rule have been established, enforced and maintained.

(e) Any Member or associated person who becomes aware of a possible misuse of material nonpublic information must promptly notify the Exchange.

Rule 304. Disciplinary Action by Other Organizations

Every Member shall promptly notify the Exchange in writing of any disciplinary action, including the basis therefor, taken by any national securities exchange or registered securities association, clearing corporation, commodity futures market or government regulatory body against the Member or its associated persons, and shall similarly notify the Exchange of any disciplinary action taken by the Member itself against any of its associated

persons involving suspension, termination, the withholding of commissions or imposition of fines in excess of \$2,500, or any other significant limitation on activities.

Rule 305. Other Restrictions on Members

Whenever the Exchange shall find that a Member has failed to perform on his or its contracts or is insolvent or is in such financial or operational condition or is otherwise conducting business in such a manner that it cannot safely conduct business with customers or creditors or the Exchange, the Exchange may summarily suspend the Member in accordance with Chapter IX (Summary Suspension) or may impose such conditions and restrictions upon the Member as the Exchange considers reasonably necessary for the protection of the Exchange and the customers of such Member.

Rule 306. Significant Business Transactions

(a) Except as provided in paragraph (c) below, a Member that clears Market Maker trades is required to notify the Exchange in writing fifteen (15) days prior to any of the following proposed significant business transactions (“SBT”):

(1) the combination, merger or consolidation between the Member and another person engaged in the business of effecting, executing, clearing or financing transactions in securities or futures products;

(2) the transfer from another person of Market Maker, broker dealer, or customer securities or futures accounts that are significant in size or number to the business of the Member;

(3) the assumption or guarantee by the Member of liabilities of another person engaged in the business of effecting, executing, clearing or financing transactions in securities or futures products, in connection with a direct or indirect acquisition of all or substantially all of the person’s assets; or

(4) termination of the Member’s clearing business or any material part thereof.

(b) Notification of any of the following SBTs shall be made in writing to the Exchange, not later than five (5) business days from the date on which the SBT becomes effective:

(1) the sale by the Clearing Member of a significant part of its assets to another person;

(2) a change in the identity of any general partner or a change in the beneficial ownership of ten percent (10%) or more of any class of the outstanding stock of any corporate general partner;

(3) a change in the beneficial ownership of twenty percent (20%) or more of any class of the outstanding stock of the Member or the issuance of any capital stock of the Member; or

(4) the acquisition by the Clearing Member of assets of another person that would constitute a “business” that is “significant,” as those terms are defined in Section 11-01 of Regulation S-X under the Exchange Act.

(c) A Clearing Member is required to notify the Exchange in writing thirty (30) days prior to a proposed SBT included in paragraph (a) of this Rule, and such SBT shall be subject to the prior approval of the Exchange, if the Member’s Market Maker clearance activities exceed, or would exceed as a result of the proposed SBT, any of the following parameters:

(1) fifteen percent (15%) of cleared Exchange Market Maker contract volume for the most recent three (3) months;

(2) an average of fifteen percent (15%) of the number of Exchange Market Makers as of each month and for the most recent three (3) months; or

(3) twenty-five percent (25%) of Exchange Market Maker gross deductions (haircuts) defined by Rule 15c3-1(a)(6) or (c)(2)(x) under the Exchange Act carried by the Clearing Member in relation to the aggregate of such haircuts carried by all other Clearing Members for any month end within the most recent three (3) months.

(d) An SBT that comes within paragraph (c) of this Rule may be disapproved or conditioned within the thirty (30) day period if the Exchange determines that such SBT has the potential to threaten the financial or operational integrity of Market Maker transactions. In making this determination, the Exchange may consider, among other relevant matters, the following:

(1) The effect of the proposed SBT on the capital size and structure of the resulting Clearing Member(s), the potential for financial failure and the consequences of any such failure on the Exchange market as a whole, and the potential for increased or decreased operational efficiencies arising from the proposed transaction;

(2) The effect of the proposed SBT upon overall concentration of Market Makers, including a comparison of the following measures before and after the proposed transaction:

(i) proportion of Exchange Market Maker contract volume cleared;

(ii) proportion of Exchange Market Makers cleared; and

(iii) proportion of Market Maker gross deductions (haircuts) as defined by Rule 15c3-1(a)(6) or (c)(2)(x) under the Exchange Act carried by the Clearing Member(s) in relation to the aggregate of such deductions carried by other Members that clear Market Maker transactions;

and

(3) The regulatory history of the affected Members, specifically as it may indicate a tendency to financial or operational weakness.

(e) Transactions that come within paragraph (c) of this Rule shall be reviewed according to the following procedures:

(1) A Member must provide promptly, in writing, all information reasonably requested by the Exchange. Any information disclosed by Members pursuant to the requirements of this Rule shall be kept confidential by the Exchange until such information is otherwise publicly disclosed and shall be used only for purposes of reviewing the proposal;

(2) If the Exchange determines, prior to the expiration of the thirty (30) day period, that a proposed SBT may be approved without conditions, the Exchange shall promptly so advise the Member;

(3) All decisions to disapprove or condition a proposed SBT or to impose extraordinary requirements shall be in writing, shall include a statement setting forth the grounds for the decision, and the Member shall be promptly notified of any such decisions by the Exchange;

(4) Notwithstanding any other provisions of the Rules, the Member may appeal a decision to disapprove or condition a proposed SBT directly to the Board by filing an application for review with the Secretary of the Exchange within fifteen (15) days of the date of service of the decision. Appeal to the Board shall be the exclusive method of reviewing such a decision;

(5) An appeal to the Board of a decision to disapprove or condition a proposed SBT shall not operate as a stay of that decision during the pendency of the appeal; and

(6) The Exchange shall file notice with the SEC in accordance with the provisions of Section 19(d)(1) of the Exchange Act of all final decisions to disapprove or condition a proposed SBT.

(f) The Exchange may impose additional financial and/or operational requirements on a Member that clears Market Maker trades at any time when it determines that the Member's continuance in business without such requirements has the potential to threaten the financial or operational integrity of Market Maker transactions.

(g) The provisions of this Rule do not preclude summary Exchange action under Rule 305, under Chapter IX (Summary Suspension) or other Exchange action pursuant to the Rules.

(h) The Exchange, upon approval by the Chief Regulatory Officer, may exempt a Member from the requirements of this Rule, either generally or in respect of specific types of transactions, based on the limited proportion of Market Maker trades on the Exchange that are cleared by the Member or on the limited importance that the clearing of Market Maker trades bears to the total business of the Member.

Rule 307. Position Limits

(a) Except in accordance with Rule 308 or with the prior permission of the President or his designee, to be confirmed in writing, no Member shall make, for any account in which it has an interest or for the account of any customer, an opening transaction on any exchange if the Member has reason to believe that as a result of such transaction the Member or its customer would, acting alone or in concert with others, directly or indirectly:

(1) control (as defined in paragraph (f) below) an aggregate position in an option contract traded on the Exchange in excess of 25,000 or 50,000 or 75,000 or 200,000 or 250,000 option contracts (whether long or short) of the put type and the call type on the same side of the market respecting the same underlying security, combining for purposes of this position limit long positions in put options with short positions in call options, and short positions in put options with long positions in call options, or such other number of option contracts as may be fixed from time to time by the Exchange as the position limit for one or more classes or series of options; or

(2) exceed the applicable position limit fixed from time to time by another exchange for an option contract not traded on the Exchange, when the Member is not a member of the other exchange on which the transaction was effected.

(b) Should a Member have reason to believe that a position in any account in which it has an interest or for the account of any customer is in excess of the applicable limit, such Member shall promptly take the action necessary to bring the position into compliance.

(c) Reasonable notice shall be given of each new position limit fixed by the Exchange.

(d) Limits shall be determined in the following manner:

(1) A 25,000 contract limit applies to those options having an underlying security that does not meet the requirements for a higher option contract limit.

(2) To be eligible for the 50,000 contract limit, either the most recent six (6) month trading volume of the underlying security must have totaled at least twenty (20) million shares, or the most recent six (6) month trading volume of the underlying security must have totaled at least fifteen (15) million shares and the underlying security must have at least forty (40) million shares currently outstanding.

(3) To be eligible for the 75,000 contract limit, either the most recent six (6) month trading volume of the underlying security must have totaled at least forty (40) million shares or the most recent six (6) month trading volume of the underlying security must have totaled at least thirty (30) million shares and the underlying security must have at least 120 million shares currently outstanding.

(4) To be eligible for the 200,000 contract limit, either the most recent six (6) month trading volume of the underlying security must have totaled at least eighty (80) million shares or the most recent six (6) month trading volume of the underlying security must have totaled at least sixty (60) million shares and the underlying security must have at least 240 million shares currently outstanding.

(5) To be eligible for the 250,000 contract limit, either the most recent six (6) month trading volume of the underlying security must have totaled at least 100 million shares or the most recent six (6) month trading volume of the underlying security must have totaled at least seventy-five (75) million shares and the underlying security must have at least 300 million shares currently outstanding.

(e) Every six (6) months, the Exchange will review the status of underlying securities to determine which limit should apply. A higher limit will be effective on the date set by the Exchange, while any change to a lower limit will take effect after the last expiration then trading, unless the requirement for the same or a higher limit is met at the time of the intervening six (6) month review. If, however, subsequent to a six (6) month review, an increase in volume and/or outstanding shares would make a stock eligible for a higher position limit prior to the next review, the Exchange in its discretion may immediately increase such position limit.

(f) Control exists under this Rule 307 when it is determined that an individual or entity makes investment decisions for an account or accounts, or materially influences directly or indirectly the actions of any person who makes investment decisions.

(1) Control will be presumed in the following circumstances, and will be presumed to continue until determined otherwise pursuant to paragraph (f)(2) below:

(i) among all parties to a joint account who have authority to act on behalf of the account.

(ii) among all general partners to a partnership account.

(iii) when an individual or entity holds an ownership interest of ten percent (10%) or more in an entity (ownership interest of less than ten percent (10%) will not preclude aggregation), or shares in ten percent (10%) or more of profits and losses of an account.

(iv) when accounts have common directors or management.

(v) where a person has the authority to execute transactions in an account.

(2) Control, presumed by one or more of the above findings or circumstances, can be rebutted by proving that the factor does not exist or by showing other factors which negate the presumption of control. The rebuttal proof must be submitted by affidavit and/or such other documentary evidence as may be appropriate in the circumstances. The Exchange will also consider the following factors in determining if aggregation of accounts is required:

(i) similar patterns of trading activity among separate entities.

(ii) the sharing of kindred business purposes and interests.

(iii) whether there is common supervision of the entities which extends beyond assuring adherence to each entity's investment objectives and/ or restrictions.

(3) Initial determinations under this paragraph (f) shall be made by the Regulatory Division. The initial determination may be reviewed by the President or his designee, based upon a report by the Regulatory Division. A Member or customer directly affected by such a determination may ask the President or his designee to reconsider, but may not request any other review or appeal except in the context of a disciplinary proceeding. The decision to grant non-aggregation under this paragraph (f) shall not be retroactive.

Interpretations and Policies:

.01 The position limits applicable to option contracts on the securities listed in the chart below are as follows:

Security Underlying Option	Position Limit
The DIAMONDS Trust (DIA)	300,000 contracts
The Standard and Poor's Depository Receipts® Trust (SPY)	No Limit*
The iShares® Russell 2000® Index Fund (IWM)	500,000 contracts
The PowerShares QQQQ Trust (QQQQ)	900,000 contracts

*Position Limits for options on Standard and Poor's Depository Receipts Trust (SPY) are the subject of a pilot program, which expires on December 5, 2013.

.02 Whenever the Exchange determines that a higher margin requirement is warranted in light of the risks associated with an under-hedged options position, the Exchange may impose additional margin upon the account maintaining such under-hedged position, pursuant to its authority under Rule 1503(b). The Clearing Member carrying the account will be subject to capital charges under SEC Rule 15c3-1 to the extent of any margin deficiency resulting from the higher margin requirements.

Rule 308. Exemptions from Position Limits

(a) **Equity Hedge Exemption.** The following qualified hedging transactions and positions described in paragraphs (1) through (5) and (7) below shall be exempt from established position limits as prescribed under Rule 307(d). Hedge transactions and positions established pursuant to paragraphs six (6) and eight (8) below are subject to a position limit equal to five (5) times the standard limit established under Rule 307(d). The equity hedge exemption is in addition to the standard limit and other exemptions available under Rules.

(1) Where each option contract is "hedged" or "covered" by 100 shares of the underlying security or securities convertible into such underlying security, or, in the case of an adjusted option contract, the same number of shares represented by the adjusted contract; (i) long call and short stock; (ii) short call and long stock; (iii) long put and long stock; (iv) short put and short stock.

(2) A long call position accompanied by a short put position, where the long call expires with the short put, and the strike price of the long call and short put is equal, and where each long call and short put position is hedged with 100 shares (or other adjusted number of shares) of the underlying security or securities convertible into such stock ("reverse conversion").

(3) A short call position accompanied by a long put position where the short call expires with the long put, and the strike price of the short call and long put is equal, and where each short call and long put position is hedged with 100 shares (or other adjusted number of shares) of the underlying security or securities convertible into such stock ("conversion").

(4) A short call position accompanied by a long put position, where the short call expires with the long put, and the strike price of the short call equals or exceeds the long put, and where each short call and long put position is hedged with 100 shares of the underlying security (or other adjusted number of shares). Neither side of the short call, long put position can be in-the-money at the time the position is established ("collar").

(5) A long call position accompanied by a short put position where the long call expires with the short put and the strike price of the long call equals or exceeds the short put and where each long call and short put position is hedged with 100 shares of the underlying security (or other adjusted number of shares). Neither side of the long call, short put position can be in-the-money at the time the position is established ("reverse collar").

(6) A long call position accompanied by a short put position with the same strike price and a short call position accompanied by a long put position with a different strike price (“box spread”).

(7) An equity option position is delta neutral, subject to the following:

(i) The term “delta neutral” refers to an equity options position that is hedged, in accordance with a permitted pricing model as defined in paragraph (iii) below, by a position in the underlying security or one or more instruments relating to the underlying security, for the purpose of offsetting the risk that the value of the options position will change with incremental changes in the price of the security underlying the option position.

(ii) An equity options position of a Member or non-Member affiliate of a Member that is delta neutral shall be exempt from established position limits. An equity options position that is not delta neutral shall be subject to position limits in accordance with Rule 307 (subject to the availability of other position limit exemptions). Only the option contract equivalent of the net delta of such position shall be subject to the appropriate position limit. The “option contract equivalent of the net delta” is the net delta divided by the number of shares underlying the option contract. The term “net delta” means, at any time, the number of shares (either long or short) required to offset the risk that the value of an equity option position will change with incremental changes in the price of the security underlying the option position, as determined in accordance with a permitted pricing model.

(iii) A “permitted pricing model” means:

(A) A pricing model maintained and operated by the Options Clearing Corporation (“OCC Model”);

(B) A pricing model maintained and used by a Member subject to consolidated supervision by the SEC pursuant to Appendix E of SEC Rule 15c3-1, or by an affiliate that is part of such Member’s consolidated supervised holding company group, in accordance with its internal risk management control system and consistent with the requirements of Appendices E or G, as applicable, to SEC Rule 15c3-1 and SEC Rule 15c3-4 under the Exchange Act, as amended from time to time, in connection with the calculation of risk-based deductions from capital or capital allowances for market risk thereunder, provided that the Member or affiliate of a Member relying on this exemption in connection with the use of such model is an entity that is part of such Member’s consolidated supervised holding company group;

(C) A pricing model maintained and used by a financial holding company or a company treated as a financial holding company under the Bank Holding Company Act of 1956, or by an affiliate that is part of either such company’s consolidated supervised holding company group, in accordance with its internal risk management control system and consistent with:

1. the requirements of the Board of Governors of the Federal Reserve System, as amended from time to time, in connection with the calculation of risk based adjustments to capital for market risk under capital requirements of the Board of Governors of the Federal Reserve System, provided that the Member or affiliate of a Member relying on this exemption in connection with the use of such model is an entity that is part of such company’s consolidated supervised holding company group; or

2. the standards published by the Basel Committee on Banking Supervision, as amended from time to time and as implemented by such company’s principal regulator, in connection with the calculation of risk-based deductions or adjustments to or allowances for the market risk capital requirements of such principal regulator applicable to such company – where “principal regulator” means a member of the Basel Committee on Banking Supervision that is the home country consolidated supervisor of such company – provided that the Member or affiliate of a Member relying on this exemption in connection with the use of such model is an entity that is part of such company’s consolidated supervised holding company group.

(D) A pricing model maintained and used by an OTC derivatives dealer registered with the SEC pursuant to SEC Rule 15c3-1(a)(5) in accordance with its internal risk management control system and consistent with the requirements of Appendix F to SEC Rule 15c3-1 and SEC Rule 15c3-4 under the Exchange Act, as amended from time to time, in connection with the calculation of risk-based deductions from capital for market risk thereunder, provided that only such OTC derivatives dealer and no other affiliated entity (including a Member) may rely on this subparagraph (D); or

(E) A pricing model used by a national bank under the National Bank Act maintained and used in accordance with its internal risk management control system and consistent with the requirements of the Office of the Comptroller of the Currency, as amended from time to time, in connection with the calculation of risk-based adjustments to capital for market risk under capital requirements of the Office of the Comptroller of the Currency, provided that only such national bank and no other affiliated entity (including a Member) may rely on this subparagraph (E).

(iv) Effect on Aggregation of Account Positions.

(A) Members and non-Member affiliates who rely on this exemption must ensure that the permitted pricing model is applied to all positions in or relating to the security underlying the relevant option position that are owned or controlled by such Member or non-Member affiliate.

(B) Notwithstanding subparagraph (iv)(A), the net delta of an option position held by an entity entitled to rely on this exemption, or by a separate and distinct trading unit of such entity, may be calculated without regard to positions in or relating to the security underlying the option position held by an affiliated entity or by another trading unit within the same entity, provided that:

1. the entity demonstrates to the Exchange's satisfaction that no control relationship, as defined in Rule 307(f), exists between such affiliates or trading units; and
2. the entity has provided the Exchange written notice in advance that it intends to be considered separate and distinct from any affiliate or, as applicable, which trading units within the entity are to be considered separate and distinct from each other for purposes of this exemption.

(C) Notwithstanding subparagraph (iv)(A) or (iv)(B), a Member or non-Member affiliate who relies on this exemption shall designate, by prior written notice to the Exchange, each trading unit or entity whose option positions are required under Rules to be aggregated with the option positions of such Member or non-Member affiliate that is relying on this exemption for purposes of compliance with Exchange position limits or exercise limits. In any such case:

1. the permitted pricing model shall be applied, for purposes of calculating such Member's or affiliate's net delta, only to the positions in or relating to the security underlying any relevant option position owned and controlled by those entities and trading units who are relying on this exemption; and
2. the net delta of the positions owned or controlled by the entities and trading units who are relying on this exemption shall be aggregated with the nonexempt option positions of all other entities and trading units whose options positions are required under Rules to be aggregated with the option positions of such Member or affiliate.

(v) Obligations of Members and Affiliates.

(A) A Member that relies on this exemption for a proprietary equity options position:

1. must provide a written certification to the Exchange that it is using a permitted pricing model pursuant to subparagraph (iii) above; and

2. by such reliance authorizes any other person carrying for such Member an account including, or with whom such Member has entered into, a position in or relating to a security underlying the relevant option position to provide to the Exchange or the Clearing Corporation such information regarding such account or position as the Exchange or Clearing Corporation may request as part of the Exchange's confirmation or verification of the accuracy of any net delta calculation under this exemption.

(B) The equity option positions of a non-Member relying on this exemption must be carried by a Member with which it is affiliated.

(C) A Member carrying an account that includes an equity option position for a non-Member affiliate that intends to rely on this exemption must obtain from such non-Member:

1. a written certification to the Exchange that it is using a permitted pricing model pursuant to subparagraph (iii) above; and

2. a written statement confirming that such non-Member affiliate:

a. is relying on this exemption;

b. will use only a permitted pricing model for purposes of calculating the net delta of its option positions for purposes of this exemption;

c. will promptly notify the Member if it ceases to rely on this exemption;

d. authorizes the Member to provide to the Exchange or the Clearing Corporation such information regarding positions of the non-Member affiliate as the Exchange or Clearing Corporation may request as part of the Exchange's confirmation or verification of the accuracy of any net delta calculation under this exemption; and

e. if the non-Member affiliate is using the OCC Model, has duly executed and delivered to the Exchange such documents as the Exchange may require to be executed and delivered to the Exchange as a condition to reliance on this exemption.

(vi) **Reporting.** Each Member that holds or carries an account that relies on this exemption shall report, in accordance with Rule 310, all equity option positions (including those that are delta neutral) that are reportable thereunder. Each such Member on its own behalf or on behalf of a designated aggregation unit pursuant to Rule 308(a)(iv) shall also report, in accordance with Rule 310, for each such account that holds an equity option position subject to this exemption in excess of the levels specified in this Rule 308, the net delta and the option contract equivalent of the net delta of such position.

(vii) **Records.** Each Member relying on this exemption shall:

(A) retain, and undertake reasonable efforts to ensure that any non-Member affiliate of the Member relying on this exemption retains, a list of the options, securities and other instruments underlying each option position net delta calculation reported to the Exchange hereunder, and

(B) produce such information to the Exchange upon request.

(8) A listed option position hedged on a one-for-one basis with an over-the-counter ("OTC") option position on the same underlying security. The strike price of the listed option position and corresponding OTC option position must be within one strike of each other and no more than one expiration month apart.

(9) For those strategies described under (2), (3), (4), and (5) above, one component of the option strategy can be an OTC option contract guaranteed or endorsed by the firm maintaining the proprietary position or carrying the customer account.

(10) An OTC option contract is defined as an option contract that is not listed on a National Securities Exchange or cleared at the Options Clearing Corporation.

(b) **Market Maker Exemption.** The provisions set forth below apply only to Market Makers seeking an exemption to the standard position limits in all options traded on the Exchange for the purpose of assuring that there is sufficient depth and liquidity in the marketplace, and not to confer a right upon the Market Maker applying for an exemption.

(1) In light of the procedural safeguards, the purpose of this exemption process, and the prohibition against the granting of retroactive exemptions, decisions granting or denying exemptions are not subject to review under Chapter XI (Hearings, Review and Arbitration) of the Rules.

(2) An exemption may be granted for the purpose of maintaining a fair and orderly market in the options on a given underlying security.

(3) Generally, an exemption will be granted only to a Market Maker who has requested an exemption, who is appointed to the options class in which the exemption is requested pursuant to Rule 602, whose positions are near the current position limit and who is significant in terms of daily volume. The positions must generally be within ten percent (10%) of the limits contained in Rule 307 for equity options.

(4) If an exemption is granted, it will be effective at the time the decision is communicated, and retroactive exemptions will not be granted.

(5) The size and length of an exemption will be determined on a case by case basis; however, an exemption usually will be granted until the nearest expiration. The exemption may specify the extent to which the resulting position may be carried in options in one or more expiration cycles.

(6) Procedures for Market Makers nearing the limits due to general market conditions:

(A) A request for an exemption from the established position and exercise limits must be in writing and must state the specific reasons why an exemption should be granted.

(B) The request should be submitted to the Exchange no later than 1:00 p.m. for same-day review.

(C) Review of the request will be conducted informally, i.e., the Exchange may receive information in such manner as is most effective, in its discretion, to ascertain whether an exemption is necessary to maintain depth and liquidity in the market.

(D) The Exchange will communicate the exemption decision to the requesting Market Maker and his or its Clearing Member as soon as possible, generally on the day following review.

(7) Requests for instant exemptions may be made for extraordinary situations, such as when there is an order imbalance or a Market Maker is near the limits intraday. Following immediate review of the situation, the Exchange will decide whether an exemption is warranted.

(c) **Firm Facilitation Exemption.** To the extent that the following procedures and criteria are satisfied, a Member may receive and maintain for its proprietary account an exemption (“facilitation exemption”) from the applicable standard position limit in non-multiply-listed options traded on the Exchange for the purpose of facilitating, pursuant to the provisions of Rule 520(b), (1) orders for its own Public Customer (one that will have the resulting

position carried with the firm) or (2) orders received from or on behalf of a Public Customer for execution only against the Member firm's proprietary account.

(i) The Member must receive approval from the Exchange prior to executing facilitating trades.

(ii) The facilitation exemption shall be granted to the Member owning or controlling the account in which the exempt options positions are held. For purposes of this paragraph (c), control shall be determined in accordance with the provision of Rule 307(f).

(iii) Exchange approval may be given on the basis of verbal representations, in which event the Member shall, within a period of time to be designated by the Exchange, furnish the appropriate forms and documentation substantiating the basis for the exemption. The approval for the facilitation exemption will specify the maximum number of contracts that may be exempt under this paragraph (c). In no event may the aggregate exempted position under this paragraph (c) exceed twice the applicable standard limit.

(iv) The facilitation exemption is in addition to the standard limit and other exemptions available under Rules. A Member so approved is hereinafter referred to as a "facilitation firm."

(v) The facilitation firm must provide all information required by the Exchange on approved forms and keep such information current. The facilitation firm shall promptly provide to the Exchange any information or documents requested concerning the exempted options positions and the positions hedging them.

(vi) The facilitation firm shall comply with the following provisions regarding the execution of its Public Customer Order and its own facilitating order:

(A) neither order may be contingent on a "fill-or-kill" instruction.

(B) the orders must be executed pursuant to Rule 520(b).

(vii) To remain qualified, a facilitation firm must, within five (5) business days after the execution of a facilitation exemption order, hedge all exempt options positions that have not previously been liquidated, and furnish the Exchange with documentation reflecting the resulting hedging positions.

(viii) The facilitation firm shall:

(A) liquidate and establish its Public Customer's and its own options and stock positions or their equivalent in an orderly fashion, and not in a manner calculated to cause unreasonable price fluctuations or unwarranted price changes; and not initiate or liquidate its Public Customer's or its own stock position or its equivalent with an equivalent index options position with a view toward taking advantage of any differential in price between a group of securities and an overlying stock index option.

(B) promptly notify the Exchange of any material change in the exempted options position or the hedge.

(C) not increase the exempted options position once it is closed unless approval is received again pursuant to a reapplication under this paragraph (c).

(ix) Violation of any of these provisions, absent reasonable justification or excuse, shall result in withdrawal of the facilitation exemption and may form the basis for subsequent denial of an application for a facilitation exemption hereunder.

Rule 309. Exercise Limits

(a) Except with the prior permission of the President or his designee, to be confirmed in writing, no Member shall exercise, for any account in which it has an interest or for the account of any customer, a long position in any option contract where such Member or customer, acting alone or in concert with others, directly or indirectly, has or will have:

(1) exercised within any five (5) consecutive business days aggregate long positions in any class of options traded on the Exchange in excess of 25,000 or 50,000 or 75,000 or 200,000 or 250,000 option contracts or such other number of option contract as may be fixed from time to time by the Exchange as the exercise limit for that class of options; or

(2) exceeded the applicable exercise limit fixed from time to time by another exchange for an options class not traded on the Exchange, when the Member is not a member of the other exchange which lists the options class.

(b) Reasonable notice shall be given of each new exercise limit fixed by the Exchange by posting notice thereof by the Exchange.

(c) Limits shall be determined in the manner described in Rule 307.

(d) For a Member that has been granted an exemption to position limits pursuant to Rule 308(a), the number of contracts which can be exercised over a five (5) business day period shall equal the Member's exempted position.

Interpretations and Policies:

.01 The exercise limits applicable to option contracts on the securities listed in the chart below is as follows:

Security Underlying Option	Exercise Limit
The DIAMONDS Trust (DIA)	300,000 contracts
The Standard and Poor's Depository Receipts® Trust (SPY)	No Limit*
The iShares® Russell 2000® Index Fund (IWM)	500,000 contracts
The PowerShares QQQQ Trust (QQQQ)	900,000 contracts

*Exercise Limits for options on Standard and Poor's Depository Receipts Trust (SPY) are the subject of a pilot program, which expires on December 5, 2013.

Rule 310. Reports Related to Position Limits

(a) Each Member shall file with the Exchange the name, address and social security or tax identification number of any customer, as well as any Member, any general or special partner of the Member, any officer or director of the Member or any participant, as such, in any joint, group or syndicate account with the Member or with any partner, officer or director thereof, who, on the previous business day held aggregate long or short positions of 200 or more option contracts of any single class of options traded on the Exchange. The report shall indicate for each such class of option contracts the number of option contracts comprising each such position and, in case of short positions, whether covered or uncovered.

(b) Electronic Exchange Members that maintain an end of day position in excess of 10,000 non-FLEX equity option contracts on the same side of the market on behalf of its own account or for the account of a customer, shall report whether such position is hedged and provide documentation as to how such position is hedged. This report is required at the time the subject account exceeds the 10,000 contract threshold and thereafter, for customer accounts, when the position increases by 2,500 contracts and for proprietary accounts when the position increases by 5,000 contracts.

(c) In addition to the reports required by paragraph (a) and (b) of this Rule, each Member shall report promptly to the Exchange any instance in which the Member has reason to believe that a person included in paragraph (a), acting alone or in concert with others, has exceeded or is attempting to exceed the position limits established pursuant to Rule 307.

Interpretations and Policies:

.01 For purposes of calculating the aggregate long or short position under paragraph (a) above, Members shall combine (i) long positions in put options with short positions in call options, and (ii) short positions in put options with long positions in call options.

Rule 311. Liquidation Positions

(a) Whenever the Exchange shall find that a person or group of persons acting in concert holds or controls, or is obligated in respect of, an aggregate position (whether long or short) in all option contracts or one or more classes or series traded on the Exchange in excess of the applicable position limit established pursuant to Rule 307, it may order all Members carrying a position in option contracts of such classes or series for such person or persons to liquidate such positions as expeditiously as possible, consistent with the maintenance of a fair and orderly market.

(b) Whenever such an order is given, no Member shall accept any order to purchase, sell or exercise any option contract for the account of the person or persons named in the order, unless and until the Exchange expressly approves such person or persons for options transactions.

Rule 312. Limit on Outstanding Uncovered Short Positions

(a) Whenever it is determined from the reports of uncovered short positions submitted pursuant to Rule 801 (Reports of Uncovered Short Positions), viewed in light of current market conditions in options and in underlying securities, that there are outstanding an excessive number of uncovered short positions in option contracts of a given class traded on the Exchange or that an excessively high percentage of outstanding short positions in option contracts of a given class traded on the Exchange are uncovered, the Board or a committee or Exchange official designated by the Board may determine to prohibit Members from any further opening writing transactions on any exchange in option contracts of that class unless the resulting short position will be covered, and it may prohibit the uncovering of any existing covered short positions in one or more series of options of that class, as it deems appropriate in the interest of maintaining a fair and orderly market in option contracts or in underlying securities.

(b) The Board or a committee or Exchange official designated by the Board may exempt transactions of Market Makers from restrictions imposed under this Rule. Such restrictions shall be rescinded upon a determination that they are no longer appropriate.

Rule 313. Other Restrictions on Options Transactions and Exercises

(a) The Exchange may impose such restrictions on transactions or exercises in one or more series of options of any class traded on the Exchange as the Exchange in its judgment deems advisable in the interests of maintaining a fair and orderly market in option contracts or in underlying securities, or otherwise deems advisable in the public interest or for the protection of investors.

(1) During the effectiveness of such restrictions, no Member shall, for any account in which it has an interest or for the account of any customer, engage in any transaction or exercise in contravention of such restrictions.

(2) Notwithstanding the foregoing, during the ten (10) business days prior to the expiration date of a given series of options, no restriction on exercise under this Rule may be in effect with respect to that series of options.

(b) Whenever the issuer of a security underlying a call option traded on the Exchange is engaged or proposes to engage in a public underwritten distribution (“public distribution”) of such underlying security or securities exchangeable for or convertible into such underlying security, the underwriters may request that the Exchange impose restrictions upon all opening writing transactions in such options at a “discount” where the resulting short position will be uncovered (“uncovered opening writing transactions”).

(1) In addition to a request, the following conditions are necessary for the imposition of restrictions:

(i) less than a majority of the securities to be publicly distributed in such distribution are being sold by existing security holders;

(ii) the underwriters agree to notify the Exchange upon the termination of their stabilization activities; and

(iii) the underwriters initiate stabilization activities in such underlying security on a national securities exchange when the price of such security is either at a “minus” or “zero minus” tick.

(2) Upon receipt of such a request and determination that the conditions contained in paragraph (b)(1) are met, the Exchange shall impose the requested restrictions as promptly as possible but no earlier than fifteen (15) minutes after Members shall have been notified and shall terminate such restrictions upon request of the underwriters or when the Exchange otherwise discovers that stabilizing transactions by the underwriters has been terminated.

(3) For purposes of this paragraph (b), an uncovered opening writing transaction in a call option will be deemed to be effected at a “discount” when the premium in such transaction is either:

(i) in the case of a distribution of the underlying security not involving the issuance of rights and in the case of a distribution of securities exchangeable for or convertible into the underlying security, less than the amount by which the underwriters’ stabilization bid for the underlying security exceeds the exercise price of such option; or

(ii) in the case of a distribution being offered pursuant to rights, less than the amount by which the underwriters’ stabilization bid in the underlying security at the subscription price exceeds the exercise price of such option.

Rule 314. Mandatory Systems Testing

(a) Each Member that the Exchange designates as required to participate in a system test must conduct or participate in the testing of its computer systems to ascertain the compatibility of such systems with the Exchange’s Systems in the manner and frequency prescribed by the Exchange. The Exchange will designate Members as required to participate in a system test based on:

(1) the category of Membership (Lead Market Maker, Registered Market Maker and Electronic Exchange Member);

(2) the computer system(s) the Member uses; and

(3) the manner in which the Member connects to the Exchange. The Exchange will give Members reasonable notice of any mandatory systems test, which notice will specify the nature of the test and Members’ obligations in participating in the test.

(b) Every Member required by the Exchange to conduct or participate in testing of computer systems shall provide to the Exchange such reports relating to the testing as the Exchange may prescribe. Members shall maintain adequate documentation of tests required by this Rule and results of such testing for examination by the Exchange.

(c) A Member or Member organization that is subject to this Rule and that fails to conduct or participate in the tests, fails to file the required reports, or fails to maintain the required documentation, may be subject to disciplinary action pursuant to the Exchange's Rules.

Rule 315. Anti-Money Laundering Compliance Program

Each Member shall develop and implement a written anti-money laundering program reasonably designed to achieve and monitor the Member's compliance with the requirements of the Bank Secrecy Act (31 U.S.C. 5311, et seq.) and the implementing regulations promulgated thereunder by the Department of the Treasury. Each Member's anti-money laundering program must be approved, in writing, by the Member's senior management. The anti-money laundering programs required by this Rule shall, at a minimum:

(a) Establish and implement policies and procedures that can be reasonably expected to detect and cause the reporting of transactions required under 31 U.S.C. 5318(g) and the implementing regulations thereunder.

(b) Establish and implement policies, procedures, and internal controls reasonably designed to achieve compliance with the Bank Secrecy Act and the implementing regulations thereunder.

(c) Provide for independent testing for compliance to be conducted by the Member's personnel or by a qualified outside party.

(d) Designate and identify to the Exchange (by name, title, mailing address, e-mail address, telephone number, and facsimile number) an individual or individuals responsible for implementing and monitoring the day-to-day operations and internal controls of the program, and provide prompt notification to the Exchange regarding any change in such designation(s).

(e) Provide ongoing training for appropriate personnel.

(f) In the event that any of the provisions of this Rule 315 conflict with any of the provisions of another, applicable self-regulatory organization's rule requiring the development and implementation of an anti-money laundering compliance program, the provisions of the rule of the Member's Designated Examining Authority shall apply.

Rule 316. Sharing of Offices and Wire Connections

No Member, without the prior written consent of the Exchange, shall establish or maintain wire connections or office sharing arrangements with other Members or with non-member broker-dealers.

Rule 317. False Statements

No Member, person associated with a Member or applicant to become a Member shall make any false statements or misrepresentations in any application, report or other communication to the Exchange, and no Member or person associated with a Member shall make any false statement or misrepresentation to the Clearing Corporation with respect to the reporting or clearance of any Exchange Transaction or adjust any position at the Clearing Corporation in any class of options traded on the Exchange except for the purpose of correcting a bona fide error in recording or transferring the position to another account.

Rule 318. Manipulation

(a) No Member shall effect or induce the purchase, sale or exercise of any security for the purpose of creating or inducing a false, misleading, or artificial appearance of activity in such security or in the underlying security, or for the purpose of unduly or improperly influencing the market price of such security or of the underlying security or for the purpose of making a price which does not reflect the true state of the market in such security or in the underlying security.

(b) No Member or any other person or organization subject to the jurisdiction of the Exchange shall directly or indirectly participate in or have any interest in the profit of a manipulative operation or knowingly manage or finance a manipulative operation. For the purposes of this paragraph but without limitation:

(1) any pool, syndicate or joint account, whether in corporate form or otherwise, organized or used intentionally for the purposes of unfairly influencing the market price of any security by means of options or otherwise and for the purpose of making a profit thereby, shall be deemed to be a manipulative operation.

(2) the soliciting of subscriptions to any such pool, syndicate or joint account shall be deemed to be managing a manipulative operation.

(3) the carrying on margin of either a “long” or a “short” position in securities for, or the advancing of credit through loans of money or of securities to, any such pool syndicate or joint account shall be deemed to be financing a manipulative operation.

CHAPTER IV. OPTION CONTRACTS TRADED ON THE EXCHANGE

Rule 400. Designation of Securities

The Exchange trades option contracts, each of which is designated by reference to the issuer of the underlying security, expiration month or expiration date, exercise price and type (put or call).

Rule 401. Rights and Obligations of Holders and Writers

The rights and obligations of holders and writers shall be set forth in the Rules of the Clearing Corporation.

Rule 402. Criteria for Underlying Securities

(a) Underlying securities with respect to which put or call option contracts are approved for listing and trading on the Exchange must meet the following criteria:

(1) the security must be registered and be an “NMS stock” as defined in Rule 600 of Regulation NMS under the Exchange Act.

(2) the security shall be characterized by a substantial number of outstanding shares that are widely held and actively traded.

(b) In addition, the Exchange shall from time to time establish guidelines to be considered in evaluating potential underlying securities for Exchange options transactions. There are many relevant factors which must be considered in arriving at such a determination, and the fact that a particular security may meet the guidelines established by the Exchange does not necessarily mean that it will be selected as an underlying security. Further, in exceptional circumstances an underlying security may be selected by the Exchange even though it does not meet all of the guidelines. The Exchange may also give consideration to maintaining diversity among various industries and issuers in selecting underlying securities. Notwithstanding the forgoing, however, absent exceptional circumstances, an underlying security will not be selected unless:

(1) There are a minimum of seven (7) million shares of the underlying security which are owned by persons other than those required to report their stock holdings under Section 16(a) of the Exchange Act.

(2) There are a minimum of 2,000 holders of the underlying security.

(3) The issuer is in compliance with any applicable requirements of the Exchange Act.

(4) Trading volume (in all markets in which the underlying security is traded) has been at least 2,400,000 shares in the preceding twelve (12) months.

(5) Either:

(i) If the underlying security is a “covered security” as defined under Section 18(b)(1)(A) of the Securities Act of 1933 (the “Securities Act”), the market price per share of the underlying security has been at least \$3.00 for the previous five (5) consecutive business days preceding the date on which the Exchange submits a certificate to the Clearing Corporation for listing and trading, as measured by the closing price reported in the primary market in which the underlying security is traded; or

(ii) If the underlying security is not a “covered security,” the market price per share of the underlying security has been at least \$7.50 for the majority of business days during the three (3) calendar months preceding the date of selection, as measured by the lowest closing price reported in any market in which the underlying security traded on each of the subject days.

(6) Notwithstanding the requirements set forth in paragraphs (1), (2), (4) and (5) above, the Exchange may list and trade an option contract if:

(i) the underlying security meets the guidelines for continued approval in Rule 403.

(ii) options on such underlying security are traded on at least one other registered national securities exchange.

(c) Securities of Restructured Companies.

(1) **Definitions.** The following definitions shall apply to the provisions of this paragraph (c):

(i) “Restructuring Transaction” refers to a spin-off, reorganization, recapitalization, restructuring or similar corporate transaction.

(ii) “Restructure Security” refers to an equity security that a company issues, or anticipates issuing, as the result of a Restructuring Transaction of the company.

(iii) “Original Equity Security” refers to a company’s equity security that is issued and outstanding prior to the effective date of a Restructuring Transaction of the company.

(iv) “Relevant Percentage” refers to either:

(A) twenty-five percent (25%), when the applicable measure determined with respect to the Original Equity Security or the business it represents includes the business represented by the Restructure Security; or

(B) thirty-three and one-third percent (33-1/3%), when the applicable measure determined with respect to the Original Equity Security or the business it represents excludes the business represented by the Restructure Security.

(2) **“Share” and “Number of Shareholder” Guidelines.** In determining whether a Restructure Security satisfies the share guideline set forth in Rule 402(b)(1) (the “Share Guideline”) or the number of holders guideline set forth in Rule 402(b)(2) (the “Number of Shareholders Guideline”), the Exchange may rely upon the facts and circumstances that it expects to exist on the option’s intended listing date, rather than on the date on which the Exchange selects for options trading the underlying Restructure Security.

(i) The Exchange may assume that:

(A) both the “Share” and “Number of Shareholders” Guidelines are satisfied if, on the option’s intended listing date, the Exchange expects no fewer than forty (40) million shares of the Restructure Security to be issued and outstanding.

(B) either such Guideline is satisfied if, on the option’s intended listing day, the Exchange expects the Restructure Security to be listed on an exchange or automatic quotation system that has, and is subject to, an initial listing requirement that is no less stringent than the Guideline in question.

(ii) The Exchange may not rely on any such assumption, however, if a reasonable Exchange investigation or that of another exchange demonstrates that either the Share Guideline or Number of Shareholders Guideline will not in fact be satisfied on an option’s intended listing date.

(iii) In addition, in the case of a Restructuring Transaction in which the shares of a Restructure Security are issued or distributed to the holders of shares of an Original Equity Security, the Exchange may

determine that either the Share Guideline or the Number of Shareholders Guideline is satisfied based upon the Exchange's knowledge of the outstanding shares or number of shareholders of the Original Equity Security.

(3) **“Trading Volume” Guideline.** In determining whether a Restructure Security that is issued or distributed to the holders of shares of an Original Equity Security (but not a Restructure Security that is issued pursuant to a public offering or rights distribution) satisfies the trading volume guideline set forth in Rule 402(b)(4) (the “Trading Volume Guideline”), the Exchange may consider the trading volume history of the Original Equity Security prior to the “ex-date” of the Restructuring Transaction if the Restructure Security satisfies the “Substantiality Test” set forth in subparagraph (c)(5) below.

(4) **“Market Price” Guideline.** In determining whether a Restructure Security satisfies the market price history guideline set forth in Rule 402(b)(5) (the “Market Price Guideline”), the Exchange may consider the market price history of the Original Equity Security prior to the “ex-date” of the Restructuring Transaction if:

(i) the Restructure Security satisfies the “Substantiality Test” set forth in subparagraph (c)(5) below.

(ii) in the case of the application of the Market Price Guideline to a Restructure Security that is distributed pursuant to a public offering or a rights distribution:

(A) the Restructure Security trades “regular way” on an exchange or automatic quotation system for at least the five (5) trading days immediately preceding the date of selection; and

(B) at the close of trading on each trading day on which the Restructure Security trades “regular way” prior to the date of selection, and the opening of trading on the date of selection, the market price of the Restructure Security was at least \$7.50, or, if the Restructure Security is a “covered security,” as defined in Rule 402(b)(5)(i), the market price of the Restructure Security was at least \$3.00.

(5) **The “Substantiality Test”.** A Restructure Security satisfies the “Substantiality Test” if:

(i) the Restructure Security has an aggregate market value of at least \$500 million; or

(ii) at least one of the following conditions is met:

(A) the aggregate market value of the Restructure Security equals or exceeds the Relevant Percentage of the aggregate market value of the Original Equity Security;

(B) the aggregate book value of the assets attributed to the business represented by the Restructure Security equals or exceeds both \$50 million and the Relevant Percentage of the aggregate book value of the assets attributed to the business represented by the Original Equity Security; or

(C) the revenues attributed to the business represented by the Restructure Security equals or exceeds both \$50 million and the Relevant Percentage of the revenues attributed to the business represented by the Original Equity Security.

(6) A Restructure Security's aggregate market value may be determined from “when issued” prices, if available.

(7) In calculating comparative aggregate market values for the purpose of assessing whether a Restructure Security qualifies to underlie an option, the Exchange shall use the Restructure Security's closing price on its primary market on the last business day prior to the selection date or the Restructure Security's opening price on its primary market on the selection date and shall use the corresponding closing or opening price of the related Original Equity Security.

(8) In calculating comparative asset values and revenues, the Exchange shall use (i) the issuer's latest annual financial statements or (ii) the issuer's most recently available interim financial statements (so long as such interim financial statements cover a period of not less than three months), whichever are more recent. Those financial statements may be audited or unaudited and may be pro forma.

(9) Except in the case of a Restructure Security that is distributed pursuant to a public offering or rights distribution, the Exchange may not rely upon the trading volume or market price history of an Original Equity Security as this paragraph (c) permits for any trading day unless it relies upon both of those measures for that trading day.

(10) Once the Exchange commences to rely upon a Restructure Security's trading volume and market price history for any trading day, the Exchange may not rely upon the trading volume and market price history of the security's related Original Equity Security for any trading day thereafter.

(11) **“When Issued” Trading Prohibited.** The Exchange shall not list for trading option contracts that overlie a Restructure Security that is not yet issued and outstanding, regardless of whether the Restructure Security is trading on a “when issued” basis or on another basis that is contingent upon the issuance or distribution of shares.

(d) In considering underlying securities, the Exchange shall ordinarily rely on information made publicly available by the issuer and/or the markets in which the security is traded.

(e) The word “security” shall be broadly interpreted to mean any equity security, as defined in Rule 3a11-1 under the Exchange Act, which is appropriate for options trading, and the word “shares” shall mean the unit of trading of such security.

(f) Securities deemed appropriate for options trading shall include nonconvertible preferred stock issues and American Depositary Receipts (“ADRs”) if they meet the criteria and guidelines set forth in this Rule 402 and if, in the case of ADRs:

(1) the Exchange has in place an effective surveillance sharing agreement with the primary exchange in the home country where the security underlying the ADR is traded; or

(2) the combined trading volume of the ADR and other related ADRs and securities (as defined below) occurring in the U.S. ADR market or in markets with which the Exchange has in place an effective surveillance sharing agreement represents (on a share equivalent basis) at least fifty percent (50%) of the combined worldwide trading volume in the ADR, the security underlying the ADR, other classes of common stock related to the underlying security, and ADRs overlying such other stock (together “other related ADRs and securities”) over the three month period preceding the date of selection of the ADR for options trading; or

(3) (i) the combined trading volume of the ADR and other related ADRs and securities occurring in the U.S. ADR market and in markets where the Exchange has in place an effective surveillance sharing agreement, represents (on a share equivalent basis) at least twenty percent (20%) of the combined worldwide trading volume in the ADR and in other related ADRs and securities over the three month period preceding the date of selection of the ADR for options trading, (ii) the average daily trading volume for the security in the U.S. markets over the three (3) months preceding the selection of the ADR for options trading is 100,000 or more shares, and (iii) the trading volume is at least 60,000 shares per day in U.S. markets on a majority of the trading days for the three (3) months preceding the date of selection of the ADR for options trading (“Daily Trading Volume Standard”); or

(4) the SEC otherwise authorizes the listing.

(g) Securities deemed appropriate for options trading shall include shares issued by registered closed-end management investment companies that invest in the securities of issuers based in one or more foreign countries (“International Funds”) if they meet the criteria and guidelines set forth in this Rule 402 and either:

(1) the Exchange has a market information sharing agreement with the primary home exchange for each of the securities held by the fund, or

(2) the International Fund is classified as a diversified company as that term is defined by section 5(b) of the Investment Company Act of 1940, as amended, and the securities held by the fund are issued by issuers based in five or more countries.

(h) A “market information sharing agreement” for purposes of this Rule is an agreement that would permit the Exchange to obtain trading information relating to the securities held by the fund including the identity of the member of the foreign exchange executing a trade. International Fund shares not meeting criteria of paragraph (i) shall be deemed appropriate for options trading if the SEC specifically authorizes the listing.

(i) Securities deemed appropriate for options trading shall include shares or other securities (“Exchange-Traded Fund Shares”) that are traded on a national securities exchange and are defined as an “NMS stock” under Rule 600 of Regulation NMS, and that:

(1) represent interests in registered investment companies (or series thereof) organized as open-end management investment companies, unit investment trusts or similar entities that hold portfolios of securities and/or financial instruments (“Funds”), including, but not limited to, stock index futures contracts, options on futures, options on securities and indices, equity caps, collars and floors, swap agreements, forward contracts, repurchase agreements and reverse repurchase agreements (the “Financial Instruments”), and money market instruments, including, but not limited to, U.S. government securities and repurchase agreements (the “Money Market Instruments”) comprising or otherwise based on or representing investments in broad-based indexes or portfolios of securities and/or Financial Instruments and Money Market Instruments (or that hold securities in one or more other registered investment companies that themselves hold such portfolios of securities and/or Financial Instruments and Money Market Instruments), or

(2) represent interests in a trust or similar entity that holds a specified non-U.S. currency or currencies deposited with the trust which when aggregated in some specified minimum number may be surrendered to the trust or similar entity by the beneficial owner to receive the specified non-U.S. currency or currencies and pays the beneficial owner interest and other distributions on the deposited non-U.S. currency or currencies, if any, declared and paid by the trust (“Currency Trust Shares”), or

(3) represent commodity pool interests principally engaged, directly or indirectly, in holding and/or managing portfolios or baskets of securities, commodity futures contracts, options on commodity futures contracts, swaps, forward contracts and/or options on physical commodities and/or non-U.S. currency (“Commodity Pool ETFs”), or

(4) are issued by the SPDR® Gold Trust or the iShares COMEX Gold Trust or the iShares Silver Trust, or

(5) represent an interest in a registered investment company (“Investment Company”) organized as an open-end management company or similar entity, that invests in a portfolio of securities selected by the Investment Company’s investment adviser consistent with the Investment Company’s investment objectives and policies, which is issued in a specified aggregate minimum number in return for a deposit of a specified portfolio of securities and/or a cash amount with a value equal to the next determined net asset value (“NAV”), and when aggregated in the same specified minimum number, may be redeemed at a holder’s request, which holder will be paid a specified portfolio of securities and/or cash with a value equal to the next determined NAV (“Managed Fund Share”); provided that all of the following conditions are met:

(i) the Exchange-Traded Fund Shares either:

(A) meet the criteria and guidelines set forth in paragraphs (a) and (b) above; or

(B) the Exchange-Traded Fund Shares are available for creation or redemption each business day from or through the issuing trust, investment company, commodity pool or other entity in cash or in kind at a price related to net asset value, and the issuer is obligated to issue Exchange-Traded Fund Shares in a specified aggregate number even if some or all of the investment assets and/or cash required to be deposited have not been received by the issuer, subject to the condition that the person obligated to deposit the investment assets has undertaken to deliver them as soon as possible and such undertaking is secured by the delivery and maintenance of collateral consisting of cash or cash equivalents satisfactory to the issuer of the Exchange-Traded Fund Shares, all as described in the Exchange-Traded Fund Shares' prospectus; and

(ii) (A) any non-U.S. component securities of an index or portfolio of securities on which the Exchange-Traded Fund Shares are based that are not subject to comprehensive surveillance agreements do not in the aggregate represent more than 50% of the weight of the index or portfolio.

(B) component securities of an index or portfolio of securities on which the Exchange-Traded Fund Shares are based for which the primary market is in any one country that is not subject to a comprehensive surveillance agreement do not represent 20% or more of the weight of the index.

(C) component securities of an index or portfolio of securities on which the Exchange-Traded Fund Shares are based for which the primary market is in any two countries that are not subject to comprehensive surveillance agreements do not represent 33% or more of the weight of the index.

(D) For Currency Trust Shares, the Exchange has entered into an appropriate comprehensive surveillance sharing agreement with the marketplace or marketplaces with last sale reporting that represent(s) the highest volume in derivatives (options or futures) on the specified non-U.S. currency or currencies, which are utilized by the national securities exchange where the underlying Currency Trust Shares are listed and traded.

(E) For Commodity Pool ETFs that engage in holding and/or managing portfolios or baskets commodity futures contracts, options on commodity futures contracts, swaps, forward contracts, options on physical commodities, options on non-U.S. currency and/or securities, the Exchange has entered into a comprehensive surveillance sharing agreement with the marketplace or marketplaces with last sale reporting that represent(s) the highest volume in such commodity futures contracts and/or options on commodity futures contracts on the specified commodities or non-U.S. currency, which are utilized by the national securities exchange where the underlying Commodity Pool ETFs are listed and traded.

(j) Securities deemed appropriate for options trading shall include shares or other securities ("Trust Issued Receipts") that are principally traded on a national securities exchange or through the facilities of a national securities association and reported as a national market security, and that represent ownership of the specific deposited securities held by a trust, provided:

(1) the Trust Issued Receipts (i) meet the criteria and guidelines for underlying securities set forth in paragraph (b) to this Rule; or (ii) must be available for issuance or cancellation each business day from the Trust in exchange for the underlying deposited securities; and

(2) not more than 20% of the weight of the Trust Issued Receipt is represented by ADRs on securities for which the primary market is not subject to a comprehensive surveillance agreement.

(k) (1) Securities deemed appropriate for options trading shall include shares or other securities ("Equity Index-Linked Securities," "Commodity-Linked Securities," "Currency-Linked Securities," "Fixed Income Index-Linked Securities," "Futures-Linked Securities," and "Multifactor Index-Linked Securities," collectively known as "Index-Linked Securities") that are principally traded on a national securities exchange and an "NMS Stock" (as defined in Rule 600 of Regulation NMS under the Securities Exchange Act of 1934), and represent ownership of a security that provides for the payment at maturity, as described below:

(i) Equity Index-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of an underlying index or indexes of equity securities ("Equity Reference Asset");

(ii) Commodity-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of one or more physical commodities or commodity futures, options on commodities, or other commodity derivatives or Commodity-Based Trust Shares or a basket or index of any of the foregoing ("Commodity Reference Asset");

(iii) Currency-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of one or more currencies, or options on currencies or currency futures or other currency derivatives or Currency Trust Shares (as defined in Rule 402(h)), or a basket or index of any of the foregoing ("Currency Reference Asset");

(iv) Fixed Income Index-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of one or more notes, bonds, debentures or evidence of indebtedness that include, but are not limited to, U.S. Department of Treasury securities ("Treasury Securities"), government-sponsored entity securities ("GSE Securities"), municipal securities, trust preferred securities, supranational debt and debt of a foreign country or a subdivision thereof or a basket or index of any of the foregoing ("Fixed Income Reference Asset");

(v) Futures-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of an index of (A) futures on Treasury Securities, GSE Securities, supranational debt and debt of a foreign country or a subdivision thereof, or options or other derivatives on any of the foregoing; (B) interest rate futures or options or derivatives on the foregoing in this subparagraph (B); or (C) CBOE Volatility Index (VIX) Futures ("Futures Reference Asset"); and

(vi) Multifactor Index-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance or the leveraged (multiple or inverse) performance of any combination of two or more Equity Reference Assets, Commodity Reference Assets, Currency Reference Assets, Fixed Income Reference Assets, or Futures Reference Assets ("Multifactor Reference Asset");

(2) For purposes of this Rule 402(k), Equity Reference Assets, Commodity Reference Asset, Currency Reference Assets, Fixed Income Reference Assets, Futures Reference Assets together with Multifactor Reference Assets, collectively will be referred to as "Reference Assets."

(3) (i) The Index-Linked Securities must meet the criteria and guidelines for underlying securities set forth in Rule 402(b); or (ii) the Index-Linked Securities must be redeemable at the option of the holder at least on a weekly basis through the issuer at a price related to the applicable underlying Reference Asset. In addition, the issuing company is obligated to issue or repurchase the securities in aggregation units for cash, or cash equivalents, satisfactory to the issuer of Index-Linked Securities which underlie the option as described in the Index-Linked Securities prospectus.

(4) The Exchange will implement surveillance procedures for options on Index-Linked Securities, including adequate comprehensive surveillance sharing agreements with markets trading in non-U.S. components, as applicable.

Rule 403. Withdrawal of Approval of Underlying Securities

(a) Whenever the Exchange determines that an underlying security previously approved for Exchange options transactions does not meet the then current requirements for continuance of such approval or for any other reason should no longer be approved, the Exchange will not open for trading any additional series of options of the class covering that underlying security and may prohibit any opening purchase transactions in series of options of that class previously opened (except that opening transactions by Market Makers executed to accommodate closing

transactions of other market participants may be permitted) to the extent it deems such action necessary or appropriate; provided, however, that where exceptional circumstances have caused an underlying security not to comply with the Exchange's current approval maintenance requirements regarding number of publicly held shares, number of shareholders, trading volume or market price, the Exchange may, in the interest of maintaining a fair and orderly market or for the protection of investors, determine to continue to open additional series of option contracts of the class covering that underlying security. When all option contracts with respect to any underlying security that is no longer approved have expired, the Exchange may make application to the SEC to strike from trading and listing all such option contracts.

(b) Absent exceptional circumstances, an underlying security will not be deemed to meet the Exchange's requirements for continued approval whenever any of the following occur:

(1) There are fewer than 6,300,000 shares of the underlying security held by persons other than those who are required to report their security holdings under Section 16(a) of the Exchange Act.

(2) There are fewer than 1,600 holders of the underlying security.

(3) The trading volume (in all markets in which the underlying security is traded) has been less than 1,800,000 shares in the preceding twelve (12) months.

(4) The underlying security ceases to be an "NMS stock" as defined in Rule 600 of Regulation NMS under the Exchange Act.

(5) If an underlying security is approved for options listing and trading under the provisions of Rule 402(c), the trading volume of the Original Equity Security (as therein defined) prior to but not after the commencement of trading in the Restructure Security (as therein defined), including "when-issued" trading, may be taken into account in determining whether the trading volume requirement of subparagraph (3) is satisfied.

(c) In considering whether any of the events specified in paragraph (b) of this Rule have occurred with respect to an underlying security, the Exchange shall ordinarily rely on information made publicly available by the issuer and/or the markets in which such security is traded.

(d) If prior to the delisting of a class of option contracts covering an underlying security that has been found not to meet the Exchange's requirements for continued approval, the Exchange determines that the underlying security again meets the Exchange's requirements, the Exchange may open for trading additional series of options of that class and may lift any restriction on opening purchase transactions imposed by this Rule.

(e) Whenever the Exchange announces that approval of an underlying security has been withdrawn for any reason or that the Exchange has been informed that the issuer of an underlying security has ceased to be in compliance with SEC reporting requirements, each Member shall, prior to effecting any transaction in option contracts with respect to such underlying security for a customer, inform such customer of such fact and of the fact that the Exchange may prohibit further transactions in such option contracts to the extent it shall deem such action necessary and appropriate.

(f) If an ADR was initially deemed appropriate for options trading on the grounds that fifty percent (50%) or more of the worldwide trading volume (on a share equivalent basis) in the ADR and other related ADRs and securities takes place in U.S. markets or in markets with which the Exchange has in place an effective surveillance sharing agreement, or if an ADR was initially deemed appropriate for options trading based on the daily trading volume standard Rule 402(f)(3), the Exchange may not open for trading additional series of options on the ADR unless:

(1) The percentage of worldwide trading volume in the ADR and other related securities that takes place in the U.S. and in markets with which the Exchange has in place effective surveillance sharing agreements for any consecutive three (3) month period is either:

(i) at least thirty percent (30%) without regard to the average daily trading volume in the ADR, or

(ii) at least fifteen percent (15%) when the average U.S. daily trading volume in the ADR for the previous three (3) months is at least 70,000 shares;

(2) the Exchange then has in place an effective surveillance sharing agreement with the primary exchange in the home country where the security underlying the ADR is traded; or

(3) the SEC has otherwise authorized the listing.

(g) Exchange-Traded Fund Shares approved for options trading pursuant to Rule 402(i) will not be deemed to meet the requirements for continued approval, and the Exchange shall not open for trading any additional series of option contracts of the class covering such Exchange-Traded Fund Shares if the Exchange-Traded Fund Shares are delisted from trading as provided in subparagraph (b)(4) of this Rule or the Exchange-Traded Fund Shares are halted or suspended from trading on their primary market. In addition, the Exchange shall consider the suspension of opening transactions in any series of options of the class covering Exchange-Traded Fund Shares in any of the following circumstances:

(1) In the case of options covering Exchange-Traded Fund Shares approved pursuant to Rule 402(i)(4)(i), in accordance with the terms of subparagraphs (b)(1), (2) and (3) of this Rule 403;

(2) In the case of options covering Exchange-Traded Fund Shares approved pursuant to Rule 402(i)(4)(ii), following the initial twelve-month period beginning upon the commencement of trading in the Exchange-Traded Fund Shares on a national securities exchange and are defined as an “NMS stock” under Rule 600 of Regulation NMS, there were fewer than 50 record and/or beneficial holders of such Exchange-Traded Fund Shares for 30 or more consecutive trading days;

(3) the value of the index or portfolio of securities or non-U.S. currency, portfolio of commodities including commodity futures contracts, options on commodity futures contracts, swaps, forward contracts, options on physical commodities and/or Financial Instruments and Money Market Instruments, on which the Exchange-Traded Fund Shares are based is no longer calculated or available; or

(4) such other event occurs or condition exists that in the opinion of the Exchange makes further dealing in such options on the Exchange inadvisable.

(h) Absent exceptional circumstances, securities initially approved for options trading pursuant to paragraph (j) of Rule 402 (such securities are defined and referred to in that paragraph as “Trust Issued Receipts”) shall not be deemed to meet the Exchange’s requirements for continued approval, and the Exchange shall not open for trading any additional series of option contracts of the class covering such Trust Issued Receipts, whenever the Trust Issued Receipts are delisted and trading in the Receipts is suspended on a national securities exchange, or the Trust Issued Receipts are no longer traded as national market securities through the facilities of a national securities association. In addition, the Exchange shall consider the suspension of opening transactions in any series of options of the class covering Trust Issued Receipts in any of the following circumstances:

(1) in accordance with the terms of paragraph (b) this Rule 403 in the case of options covering Trust Issued Receipts when such options were approved pursuant to subparagraph (j)(1)(i) under Rule 402;

(2) upon annual review, the Trust has more than 60 days remaining until termination and there are fewer than 50 record and/or beneficial holders of Trust Issued Receipts for 30 or more consecutive trading days;

(3) the Trust has fewer than 50,000 receipts issued and outstanding;

(4) the market value of all receipts issued and outstanding is less than \$1,000,000; or

(5) such other event shall occur or condition exist that in the opinion of the Exchange makes further dealing in such options on the Exchange inadvisable.

(i) For Holding Company Depository Receipts (HOLDRs), the Exchange will not open additional series of options overlying HOLDRs (without prior SEC approval) if:

(1) the proportion of securities underlying standardized equity options to all securities held in a HOLDRs trust is less than 80% (as measured by their relative weightings in the HOLDRs trust); or

(2) less than 80% of the total number of securities held in a HOLDRs trust underlie standardized equity options.

Interpretations and Policies:

.01 If an option series is listed but restricted to closing transactions on another national securities exchange, the Exchange may list such series (even if such series would not otherwise be eligible for listing under the Exchange's rules), which shall also be restricted to closing transactions on the Exchange.

Rule 404. Series of Option Contracts Open for Trading

(a) After a particular class of options has been approved for listing and trading on the Exchange, the Exchange from time to time may open for trading series of options in that class. Only option contracts in series of options currently open for trading may be purchased or written on the Exchange. Prior to the opening of trading in a given series, the Exchange will fix the type of option, expiration month, year and exercise price of that series. Exercise-price setting parameters adopted as part of the Options Listing Procedures Plan ("OLPP") are set forth in Rule 404A. For Short Term Option Series, the Exchange will fix a specific expiration date and exercise price of that series, as provided in Interpretations and Policies .02. For Quarterly Options Series, the Exchange will fix a specific expiration date and exercise price of that series, as provided in Interpretations and Policies .03.

(b) Except as otherwise provided in this Rule 404 and Interpretations and Policies hereto, at the commencement of trading on the Exchange of a particular type of option of a class of options, the Exchange shall open a minimum of one expiration month and series for each class of options open for trading on the Exchange. The exercise price of each series will be fixed at a price per share, which is reasonably close to the price per share at which the underlying stock is traded in the primary market at about the time that class of options is first opened for trading on the Exchange.

(c) Additional series of 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 stock 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.

(d) Except as otherwise provided in this Rule 404 and the Interpretations and Policies hereto, the interval between strike prices of series of options on individual stocks will be:

- (1) \$2.50 or greater where the strike price is \$25.00 or less;
- (2) \$5.00 or greater where the strike price is greater than \$25.00; and
- (3) \$10.00 or greater where the strike price is greater than \$200.00.

(e) New series of options on an individual stock may be added until the beginning of the month in which the option contract will expire. Due to unusual market conditions, the Exchange, in its discretion, may add new series of options on an individual stock until five (5) business days prior to expiration.

(f) The Exchange may select up to 60 options classes on individual stocks for which the interval of strike prices will be \$2.50 where the strike price is greater than \$25 but less than \$50 (the “\$2.50 Strike Price Program”). On any option class that has been selected as part of this \$2.50 Strike Price Program, \$2.50 strike prices between \$50 and \$100 may be listed, provided that \$2.50 strike prices between \$50 and \$100 are no more than \$10 from the closing price of the underlying stock in its primary market on the preceding day. For example, if an options class has been selected as part of the \$2.50 Strike Price Program, and the underlying stock closes at \$48.50 in its primary market, the Exchange may list the \$52.50 strike price and the \$57.50 strike price on the next business day. If an underlying security closes at \$54, the Exchange may list the \$52.50 strike price, the \$57.50 strike price and the \$62.50 strike price on the next business day. The Exchange may also list \$2.50 strike price series on any option classes that are selected by other securities exchanges that have a similar program under their respective rules.

(g) The interval between strike prices of series of options on Exchange-Traded Fund Shares approved for options trading pursuant to Rule 402(i) shall be fixed at a price per share which is reasonably close to the price per share at which the underlying security is traded in the primary market at or about the same time such series of options is first open for trading on the Exchange, or at such intervals as may have been established on another options exchange prior to the initiation of trading on the Exchange.

Interpretations and Policies:

.01 \$1 Strike Price Interval Program.

(a) The interval between strike prices of series of options on individual stocks may be \$1.00 or greater provided the strike price is \$50.00 or less, but not less than \$1. Except as provided in subparagraph (c) below, the listing of \$1 strike price intervals shall be limited to options classes overlying no more than 150 individual stocks (the “\$1 Strike Price Interval Program”) as specifically designated by the Exchange. The Exchange may list \$1 strike prices on any other options class if those classes are specifically designated by other securities exchanges that employ a \$1 Strike Price Interval Program under their respective rules. If a class participates in the \$1 Strike Price Interval Program, \$2.50 strike price intervals are not permitted between \$1 and \$50 for non-LEAPs and LEAPs.

(b) **Eligibility for the \$1 Strike Price Interval Program.** To be eligible for inclusion into the \$1 Strike Price Interval Program, an underlying stock must close below \$50 in its primary market on the previous trading day.

(c) **Strike Prices to be Added.** After a stock is added to the \$1 Strike Price Interval Program, the Exchange may list \$1 strike price intervals from \$1 to \$50 according to the following parameters:

(1) If the price of the underlying stock is equal to or less than \$20, the Exchange may list series with an exercise price up to 100% above and 100% below the price of the underlying stock. However, the foregoing restriction shall not prohibit the listing of at least five (5) strike prices above and below the price of the underlying stock per expiration month in an option class. For example, if the price of the underlying stock is \$2, the Exchange would be permitted to list the following series: \$1, \$2, \$3, \$4, \$5, \$6 and \$7.

(2) If the price of the underlying stock is greater than \$20, the Exchange may list series with an exercise price up to 50% above and 50% below the price of the underlying security up to \$50.

(3) For the purpose of adding strikes under the \$1 Strike Price Interval Program, the “price of the underlying stock” shall be measured in the same way as “the price of the underlying security” is as set forth in Rule 404A(b)(1).

(4) No additional series in \$1 strike price intervals may be listed if the underlying stock closes at or above \$50 in its primary market. Additional series in \$1 strike price intervals may not be added until the underlying stock closes again below \$50.

(d) Long-Term Option Series (“LEAPS®”)

(1) The Exchange may list \$1 strike prices up to \$5 in LEAPS in up to 200 classes on individual stocks. The Exchange may not list strike prices with \$1 intervals within \$0.50 of an existing \$2.50 strike price in the same series.

(2) For stocks in the \$1 Strike Price Interval Program, the Exchange may list one \$1 strike price interval between each standard \$5 strike interval, with the \$1 strike price interval being \$2 above the standard strike for each interval above the price of the underlying stock, and \$2 below the standard strike for each interval below the price of the underlying stock. For example, if the price of the underlying stock is \$24.50, the Exchange may list the following standard strikes in \$5 intervals: \$15, \$20, \$25, \$30 and \$35. Between these standard \$5 strikes, the Exchange may list the following \$2 wings: \$18, \$27 and \$32.

(3) In addition, the Exchange may list the \$1 strike price interval which is \$2 above the standard strike just below the underlying price at the time of listing. In the above example, since the standard strike just below the underlying price (\$24.50) is \$20, the Exchange may list a \$22 strike. The Exchange may add additional long-term options series strikes as the price of the underlying stock moves, consistent with the Options Listing Procedures Plan. Additional long-term option strikes may not be listed within \$1 of an existing strike until less than nine months to expiration.

(e) \$1 Strike Price Interval Program Delisting Policy. (1) For options classes selected to participate in the \$1 Strike Price Interval Program, the Exchange will, on a monthly basis, review series that were originally listed under the \$1 Strike Price Interval Program with strike prices that are more than \$5 from the current value of an options class and delist those series with no open interest in both the put and the call series having a: (i) strike higher than the highest strike price with open interest in the put and/or call series for a given expiration month; and (ii) strike lower than the lowest strike price with open interest in the put and/or call series for a given expiration month.

(2) If the Exchange identifies series for delisting pursuant to this policy, the Exchange shall notify other options exchanges with similar delisting policies regarding eligible series for delisting, and shall work jointly with such other exchanges to develop a uniform list of series to be delisted so as to ensure uniform series delisting of multiply listed options classes.

(3) Notwithstanding the above delisting policy, Member requests to add strikes and/or maintain strikes in series of options classes traded pursuant to the \$1 Strike Price Interval Program that are eligible for delisting may be granted.

(f) A stock shall remain in the \$1 Strike Price Interval Program until otherwise designated by the Exchange.

.02 Short Term Option Series Program. After an 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 on the Friday of the following week that is a business day (“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) **Classes.** The Exchange may select up to twenty-five (25) currently listed option classes in which Short Term Option Series may be opened on any Short Term Option Opening Date. In addition to the 25 option class restriction, the Exchange may also list Short Term Option Series on any option classes that are selected by other securities exchanges that employ a similar Pilot Program under their respective rules. For each option class eligible for participation in the Short Term Option Series Pilot Program, the Exchange may open up to thirty (30) Short Term Option Series for each expiration date in that class.

(b) **Expiration.** No Short Term Option Series may expire in the same week in which monthly option series on the same class expires, or, in the case of Quarterly Options Series, on an expiration that coincides with an expiration of Quarterly Options Series.

(c) **Initial Series.** The Exchange may open up to 20 initial series for each option class that participates in the Short Term Option Series Program.

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 above and below the value of the underlying security at about the time that Short Term Option Series are initially opened for trading on the Exchange (e.g., if seven series are initially opened, there will be at least three strike prices above and three strike prices below the value of the underlying security). Any strike prices listed by the Exchange shall be within thirty percent (30%) above or below the closing price of the underlying security from the preceding day.

(d) **Additional Series.** The Exchange may open up to 10 additional series for each option class that participates in the Short Term Option Series Program when the Exchange deems it necessary to maintain an orderly market, to meet customer demand or when the market price of the underlying security 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 price of the underlying security. The Exchange may also open additional strike prices on Short Term Option Series that are more than 30% above or below the current price of the underlying security 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 opening of 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 shall be the same as the strike prices for series in that same option class that expire in accordance with the normal monthly expiration cycle.

.03 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 options on exchange traded funds (“ETFs”). 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) The Exchange will not list a Short Term Option Series on an options class whose expiration coincides with that of a Quarterly Options Series on that same options class.

(c) **Initial Series.** The strike price of each Quarterly Options Series will be fixed at a price per share, with at least two strike prices above and two strike prices below the approximate value of the underlying security at about the time that a Quarterly Options Series is opened for trading on the Exchange. The Exchange shall list strike prices for a Quarterly Options Series that are within \$5 from the closing price of the underlying on the preceding day.

(d) **Additional Series.** Additional Quarterly Options Series 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 security moves substantially from the initial exercise price or prices. To the extent that any additional strike prices are listed by the Exchange, such additional strike prices shall be within thirty percent (30%) above or below the closing price of the underlying ETF or Exchange-Traded Fund Shares as defined in Rule 402(i) on the preceding day. The Exchange may also open additional strike prices of Quarterly Options Series in ETF options that are more than 30% above or below the current price of the underlying ETF 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 opening of new Quarterly Options Series shall not affect the series of options of the same class previously opened. In addition to the initial listed series, the Exchange may list up to sixty (60) additional series per expiration month for each Quarterly Options Series in ETF options.

(e) 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.

(f) **Delisting Policy.** With respect to Quarterly Options Series in ETF options added pursuant to the above paragraphs, the Exchange will, on a monthly basis, review series that are outside a range of five (5) strikes above and five (5) strikes below the current price of the underlying ETF, and delist series with no open interest in both the put and the call series having a: (1) strike higher than the highest strike price with open interest in the put and/or call series for a given expiration month; and (2) strike lower than the lowest strike price with open interest in the put and/or call series for a given expiration month.

(g) Notwithstanding the above referenced delisting policy, customer requests to add strikes and/or maintain strikes in Quarterly Options Series in ETF options in series eligible for delisting shall be granted.

(h) In connection with the above referenced delisting policy, if the Exchange identifies series for delisting, the Exchange shall notify other options exchanges with similar delisting policies regarding eligible series for delisting, and shall work with such other exchanges to develop a uniform list of series to be delisted, so as to ensure uniform series delisting of multiply listed Quarterly Options Series in ETF options.

.04 \$0.50 Strike Program: The interval of strike prices of series of options on individual stocks may be \$0.50 or greater beginning at \$0.50 where the strike price is \$5.50 or less, but only for options classes whose underlying security closed at or below \$5.00 in its primary market on the previous trading day and which have national average daily volume that equals or exceeds 1,000 contracts per day as determined by The Options Clearing Corporation during the preceding three calendar months. The listing of \$0.50 strike prices shall be limited to options classes overlying no more than 20 individual stocks (the "\$0.50 Strike Program") as specifically designated by the Exchange. The Exchange may list \$0.50 strike prices on any other option classes if those classes are specifically designated by other securities exchanges that employ a similar \$0.50 Strike Program under their respective rules. A stock shall remain in the \$0.50 Strike Program until otherwise designated by the Exchange.

.05 Notwithstanding Interpretations and Policies .01 above, the interval between strike prices of series of options on Indexed-Linked Securities, as defined in Rule 402(k)(1), will be \$1 or greater when the strike price is \$200 or less and \$5 or greater when the strike price is greater than \$200.

.06 Notwithstanding Interpretations and Policies .01 above, the interval between strike prices of series of options on Trust Issued Receipts, including Holding Company Depository Receipts (HOLDRs), will be \$1 or greater where the strike price is \$200 or less and \$5 or greater where the strike price is greater than \$200.

.07 \$0.50 and \$1.00 Strike Price Intervals for Options Used to Calculate Volatility Indexes. Notwithstanding the requirements set forth in Rule 404(f) and Interpretations and Policies .01, .05 and .06 above, the Exchange may open for trading series at \$0.50 or greater strike price intervals where the strike price is less than \$75, and \$1.00 or greater strike price intervals where the strike price is between \$75 and \$150 for options that are used to calculate a volatility index.

Rule 404A. Select Provisions of Options Listing Procedures Plan

(a) The provisions set forth in this Rule 404A were adopted by the Exchange as a quote mitigation strategy and are codified in the Options Listing Procedures Plan ("OLPP"). A complete copy of the current OLPP may be accessed at: http://www.optionsclearing.com/products/options_listing_procedures_plan.pdf.

(b) The exercise price of each options series listed by the Exchange shall be fixed at a price per share which is reasonably close to the price of the underlying equity security, Exchange Traded Fund (“ETF” and referred to as Exchange Traded Fund Shares in Rule 402(i)) or Trust Issued Receipt (“TIR”) at or about the time the Exchange determines to list such series. Additionally,

(1) Except as provided in subparagraphs (2) through (4) below, if the price of the underlying security is less than or equal to \$20, the Exchange shall not list new options series with an exercise price more than 100% above or below the price of the underlying security. However, the foregoing restriction shall not prohibit the listing of at least three exercise prices per expiration month in an options class. If the price of the underlying security is greater than \$20, the Exchange shall not list new options series with an exercise price more than 50% above or below the price of the underlying security. The price of the underlying security is measured by:

(i) for intra-day add-on series and next-day series additions, the daily high and low of all prices reported by all national securities exchanges;

(ii) for new expiration months, the daily high and low of all prices reported by all national securities exchanges on the day the Exchange determines its preliminary notification of new series; and

(iii) for options series to be added as a result of pre-market trading, the most recent share price reported by all national securities exchanges between 8:45 a.m. and 9:30 a.m. Eastern Time.

(2) The series exercise price range limitations contained in subparagraph (i) above do not apply with regard to:

(i) the listing of \$1 strike prices in options classes participating in the \$1 Strike Program. Instead, the Exchange shall be permitted to list \$1 strike prices to the fullest extent as permitted under its rules for the \$1 Strike Program; or

(ii) the listing of series of Flexible Exchange Options.

(3) The Exchange may designate up to five options classes to which the series exercise price range may be up to 100% above and below the price of the underlying security (which underlying security price shall be determined in accordance with subparagraph (i) above). Such designations shall be made on an annual basis and shall not be removed during the calendar year unless the options class is delisted by the Exchange, in which case the Exchange may designate another options class to replace the delisted class. If a designated options class is delisted by the Exchange but continues to trade on at least one options exchange, the options class shall be subject to the limitations on listing new series set forth in subparagraph (i) above unless designated by another exchange.

(4) If the Exchange that has designated five options classes pursuant to subparagraph (3) above requests that one or more additional options classes be excepted from the limitations on listing new series set forth in subparagraph (1) above, the additional options class(es) shall be so designated upon the unanimous consent of all exchanges that trade the options class(es). Additionally, pursuant to the Exchange’s request, the percentage range for the listing of new series may be increased to more than 100% above and below the price of the underlying security for an options class, by the unanimous consent of all exchanges that trade the designated options class. Exceptions for an additional class or for an increase of the exercise price range shall apply to all standard expiration months existing at the time of the vote, plus the next standard expiration month to be added, and also to any non-standard expirations that occur prior to the next standard monthly expiration.

(5) The provisions of this subparagraph (b) shall not permit the listing of series that are otherwise prohibited by the rules of the Exchange or the OLPP. To the extent the rules of the Exchange permit the listing of new series that are otherwise prohibited by the provisions of the OLPP, the provisions of the OLPP shall govern.

(6) The Exchange may list an options series that is listed by another options exchange, provided that at the time such series was listed it was not prohibited under the provisions of the OLPP or the rules of the exchange that initially listed the series.

Rule 405. Adjustments

Option contracts shall be subject to adjustments in accordance with the Rules of the Clearing Corporation. When adjustments have been made, the Exchange will announce that fact, and such changes will be effective for all subsequent transactions in that series at the time specified in the announcement.

Rule 406. Long-Term Option Contracts

(a) Notwithstanding conflicting language in Rule 404, the Exchange may list long-term option contracts that expire from twelve (12) to thirty-nine (39) months from the time they are listed. There may be up to six (6) additional expiration months. 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 (9) months.

(b) After a new long-term option contract series is listed, such series will be opened for trading either when there is buying or selling interest, or forty (40) minutes prior to the close, whichever occurs first. No quotations will be posted for such options series until they are opened for trading.

CHAPTER V. DOING BUSINESS ON THE EXCHANGE

Rule 500. Access to and Conduct on the Exchange

(a) **Access to Exchange.** Unless otherwise provided in the Rules, no one but a Member or a person associated with a Member shall effect any Exchange Transactions.

(b) **Exchange Conduct.** Members and persons employed by or associated with any Member, while using the facilities of the Exchange, shall not engage in conduct (1) inconsistent with the maintenance of a fair and orderly market; (2) apt to impair public confidence in the operations of the Exchange; or (3) inconsistent with the ordinary and efficient conduct of business. Activities that may violate the provisions of this paragraph (b) include, but are not limited to, the following:

(i) failure of a Market Maker to provide quotations in accordance with Rule 604.

(ii) failure of a Market Maker to bid or offer within the ranges specified by Rule 603(b)(4).

(iii) failure of a Member to supervise a person employed by or associated with such Member adequately to ensure that person's compliance with this paragraph (b).

(iv) failure to abide by a determination of the Exchange.

(v) refusal to provide information requested by the Exchange.

(vi) failure to abide by the provisions of Rule 520.

Rule 501. Days and Hours of Business

The hours during which option transactions may be made on the Exchange shall be from 9:30 a.m. Eastern Time to 4:00 p.m. Eastern Time except for option contracts on Exchange Traded Fund Shares, as defined in Rule 402(j), and Index-Linked Securities, as defined in Rule 402(k)(1), which may remain open for trading beyond 4:00 p.m. but in no case later than 4:15 p.m. Eastern Time, as designated by the Exchange.

Interpretations and Policies:

.01 The Board of Directors has resolved that, except under unusual conditions as may be determined by the Board or its designee, hours during which transactions in options on individual stocks may be made on the Exchange shall correspond to the normal hours for business set forth in the rules of the primary exchange listing the stocks underlying Exchange options.

.02 The Board of Directors has determined that the Exchange will not be open for business on New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day. The Board has also determined that, in most circumstances when a holiday observed by the Exchange falls on a Saturday, the Exchange will not be open for business on the preceding Friday, and that when a holiday observed by the Exchange falls on a Sunday, the Exchange will not be open for business on the following Monday.

Rule 502. Message Packets

Each Trading Permit shall entitle the holder to a maximum number of orders and quotes per second as determined by the Exchange. Only Market Makers may submit quotes to the System. Members seeking to exceed that number of messages per second may purchase additional message packets at prices set forth in the Exchange's Fee Schedule.

Rule 503. Openings on the Exchange

(a) For a period of time before the scheduled opening in the underlying security the Exchange will accept orders and quotes in equity options during the "Pre-Opening Phase".

(b) The procedure described in this Rule will be used to reopen an option class after a trading halt.

(c) In connection with an opening, a limit order to buy which is at a higher price than the price at which the option is to be opened and a limit order to sell which is at a lower price than the price at which the option is to be opened, shall be treated as market orders.

(d) For purposes of this Rule, "market for the underlying security" shall be either the primary listing market, the primary volume market (defined as the market with the most liquidity in that underlying security for the previous two calendar months), or the first market to open the underlying security, as determined by the Exchange on an class-by-class basis and announced to the Members through a Regulatory Circular.

(e) Starting the Opening Process

(1) The opening process cannot occur prior to 9:30 a.m. Eastern Time and can only begin following the dissemination of a quote or trade in the market for the underlying security. Following the dissemination of a quote or trade in the market for the underlying security, the System will pause for a period of time no longer than one half second to allow the market place to absorb this information. The length of the pause will be disseminated to members through a Regulatory Circular. After the conclusion of the pause the opening process will begin when either:

(i) the Primary Lead Market Maker's valid width quote has been submitted;

(ii) the valid width quotes of at least two Market Makers, where at least one is a Lead Market Maker, have been submitted; or

(iii) for multiply listed option classes, at least one Eligible Exchange (as defined in Rule 1400(f)) has disseminated a quote in the individual option in accordance with Rule 1402(a), there is a valid width NBBO available and the valid width quote of at least one Lead Market Maker has been submitted.

(2) For purposes of this rule a valid width NBBO is one where the bid and offer of the NBBO differ by no more than differences outlined in Exchange Rule 603(b)(4).

(3) Also, for purposes of this rule, valid width quote is one where the bid and offer, comprised of a Market Maker's Standard quotes and Day eQuotes, differ by no more than the differences outlined in Exchange Rule 603(b)(4).

(4) If after two minutes following the dissemination of a quote or trade in the market for the underlying security none of the provisions set forth in (e)(1) above have occurred, then the opening process can begin when one Market Maker has submitted its valid width quote.

(5) Lead Market Makers, including the Primary Lead Market Maker, assigned in a particular equity option must enter quotes for the Opening not later than one minute following the dissemination of a quote or trade by the market for the underlying security and must participate in the opening as specified in Rule 604(e)(1)(i) and (e)(2)(i).

(6) A Registered Market Maker that submits a quote pursuant to this Rule 503 in any series when a Lead Market Maker's or Primary Lead Market Maker's quote has not been submitted shall be required to submit continuous, two-sided quotes in such series until such time as a Lead Market Maker submits his/her quote, after

which the Registered Market Maker that submitted such quote shall be obligated to submit quotations pursuant to Rule 604(e)(3).

(f) Opening Process

(1) If there are no quotes or orders that lock or cross each other, the System will open by disseminating the Exchange's best bid and offer among quotes and orders that exist in the System at that time.

(2) When two or more prices for an affected series would satisfy the Opening Process as defined below and the maximum quantity criterion would satisfy all interest at that level, the System uses the highest and lowest of those prices to determine the mid-point for the opening price. If such midpoint is not expressed as a permitted minimum trading increment, it will be rounded up to determine the opening price. In a situation where a limit order to buy (sell) crosses more than one offer (bid), the System will treat the limit order to buy (sell) like a market order up to and including its limit price for purposes of opening price selection.

(3) If there are quotes or orders that lock or cross an order, the System will use the highest bid and the lowest offer among valid width quotations received that have a bid/ask differential that is compliant with Rule 603(b)(4) to determine the highest quote bid and lowest quote offer. To calculate the opening price, the System will take into consideration all valid Exchange quotes and all valid orders, together with other exchanges' markets for the series and identify the price at which the maximum number of contracts can trade. If that price is within the highest valid width quote bid and lowest valid width quote offer and leaves no imbalance, the Exchange will open at that price, executing marketable trading interest, as long as the opening price includes only Exchange interest.

(i) If the calculated opening price included interest other than solely Exchange interest, the System will broadcast a System Imbalance Message (which includes the symbol, side of the market, quantity of matched contracts, the imbalance quantity, "must fill" quantity (i.e., the number of contracts that must be filled in order for that option to open on the Exchange at the indicated price), quantity of routable contracts, and price of the affected series) to Exchange Members and initiate a "Route Timer," not to exceed one second. If no new interest is received during the Route Timer, the System will route to other markets disseminating prices better than the Exchange's opening price, execute marketable interest at the opening price on the Exchange, and route to other markets disseminating prices equal to the Exchange opening price if necessary.

(A) Orders that are routed and executed may receive executions at multiple prices.

(B) Any order that is routed pursuant to this Rule will be marked as an Intermarket Sweep Order ("ISO"), as defined in Rule 1400(h), with a limit price equal to the Exchange's opening price.

(ii) If interest is received during the Route Timer, the System will recalculate the opening price taking such new interest into account. Then, if there is no imbalance, the System will execute marketable interest at the opening price on the Exchange and route the remainder to other markets.

(iii) A different opening price will not require the System to repeat the entire process.

(4) **Imbalance.** An "imbalance" occurs when there is insufficient liquidity to satisfy all trading interest due an execution at a certain price.

(5) **Expanded Quote Range.** Where there is an imbalance at the price at which the maximum number of contracts can trade that is also at or within the highest valid width quote bid and lowest valid width quote offer, the System will calculate an Expanded Quote Range ("EQR"). The EQR will be recalculated any time a Route Timer or Imbalance Timer expires if material conditions of the market (imbalance size, ABBO price or size, liquidity price or size, etc.) have changed during the timer. Once calculated, the EQR will represent the limits of the range in which transactions may occur during the opening process.

(i) If one or more away markets have disseminated valid width quotes in the affected series, the System will calculate an EQR for a particular series as follows:

(A) Except as provided in subparagraph (B) below, to determine the minimum value for the EQR, an amount, as defined in a table to be determined by the Exchange, will be subtracted from the highest valid width quote bid among valid width quotes on the Exchange and on the away market(s). To determine the maximum value for the EQR, an amount, as defined in a table to be determined by the Exchange, will be added to the lowest valid width quote offer among valid width quotes on the Exchange and on the away market(s).

(B) If one or more away markets have disseminated quotes that are not crossed and together comprise a valid width market, and there are valid width quotes on the Exchange that cross each other or that cross away market quotes, then:

1. the minimum value for the EQR will be the highest away market quote bid, and
2. the maximum value for the EQR will be the lowest away market quote offer.

(ii) If no away markets have disseminated valid width quotes in the affected series, the System will calculate an Expanded Quote Range ("EQR") for a particular series as follows:

(A) Except as provided in subparagraph (C) below, to determine the minimum value for the EQR, an amount, as defined in a table to be determined by the Exchange, will be subtracted from the highest valid width quote bid among valid width quotes on the Exchange; and

(B) Except as provided in subparagraph (C) below, to determine the maximum value for the EQR, an amount, as defined in a table to be determined by the Exchange, will be added to the lowest valid width quote offer among valid width quotes on the Exchange.

(C) If there are quotes on the Exchange that cross each other, and there is no away market in the affected series, then

1. the minimum value for the EQR will be the lowest valid width quote bid among valid width quotes on the Exchange.
2. the maximum value for the EQR will be the highest valid width quote offer among valid width quotes on the Exchange.

(6) If there is sufficient size on the Exchange and on away markets on the opposite side of the market from the imbalance to execute all opening marketable interest at a price that is within the established EQR and the Away Best Bid or Offer ("ABBO") without leaving an imbalance, the System will open the affected series for trading at that price by executing opening marketable interest on the System, as long as the System does not trade at a price inferior to the ABBO. If it would trade at a price inferior to the ABBO, the System will initiate a "Route Timer," not to exceed one second. If no new interest is received during the Route Timer, the System will then route to other markets disseminating prices better than Exchange's opening price, execute marketable interest at the opening price on the Exchange, and route to other markets disseminating prices equal to the Exchange opening price if necessary. If there is still an imbalance after the route timer expires, the System will begin the imbalance process as described below.

(7) In situations where there is matched interest that does not represent an imbalance and there is no valid width NBBO, the System will calculate a "quality opening market range" (as defined in a table to be determined by the Exchange and published in a Regulatory Circular) in such option series. If the matched interest would trade at a price outside of the quality opening market range, the imbalance process will be used.

(8) **Imbalance Process.** If all opening marketable size cannot be completely executed at or within the EQR without trading at a price inferior to the ABBO, or cannot trade at or within the quality opening market range in the absence of a valid width NBBO, the System will automatically institute the following imbalance process:

(i) First, the System will broadcast a System Imbalance Message (which includes the symbol, side of the market, quantity of matched contracts, the imbalance quantity, “must fill” quantity, quantity of routable contracts, and price of the affected series) to subscribers of the Exchange’s data feeds, and begin an “Imbalance Timer,” not to exceed three seconds. The Imbalance Timer will be for the same number of seconds for all option classes traded on the Exchange. Market Makers may enter Opening Only (“OPG”) eQuotes, Auction or Cancel (“AOC”) eQuotes, Standard quotes, Opening Orders (“OPG Orders”), AOC Orders and limit orders during the Imbalance Timer. Other Exchange Members may enter OPG Orders, AOC Orders and other order types (except those order types not valid during the opening process as described in Rule 516) during the Imbalance Timer.

(ii) If at the conclusion of the Timer, quotes and orders submitted during the Imbalance Timer, or other changes to the ABBO, would not allow the entire imbalance amount to trade at the Exchange at or within the EQR without trading at a price inferior to the ABBO, the System will:

(A) send a new System Imbalance Message to Exchange Members; and

(B) initiate a Route Timer for routable Public Customer orders not to exceed one second. If during the Route Timer, interest is received by the System which would allow all interest to trade on the System (i.e., there is no longer an imbalance) at the opening price without trading at a price inferior to other markets, the System will trade and the Route Timer will end. The System will monitor quotes received during the Route Timer period and make ongoing corresponding changes to the permitted EQR to reflect them.

(C) If the Route Timer expires, the End of Route Timer Process will ensue. Under the End of Route Timer Process, the System will determine:

1. If the total number of contracts displayed at better prices than the Exchange’s potential opening price on away markets (“better priced away contracts”) would satisfy the number of marketable contracts available on the Exchange. If so, the System will route all marketable contracts on the Exchange to such better priced away markets, and determine an opening MIAX best bid or offer (MBBO) that reflects the interest remaining on the Exchange. The System will price any contracts routed away to other markets at the better away market price.

2. If the total number of better priced away contracts would not satisfy the number of marketable contracts the Exchange has, the System will determine how many contracts it has available at the Exchange opening price. If the total number of better priced away contracts plus the number of contracts available at the Exchange opening price would satisfy the number of marketable contracts on the Exchange, the System will contemporaneously route a number of contracts that will satisfy interest at other markets at prices better than the Exchange opening price, and trade available contracts on the Exchange at the Exchange opening price.

3. If the total number of better priced away contracts plus the number of contracts available at the Exchange opening price would not satisfy the number of marketable contracts the Exchange has, the System will determine how many contracts are available at other markets at the Exchange opening price. If the total number of better priced away contracts plus the number of contracts available at the Exchange opening price plus the contracts available at other markets at the Exchange opening price would satisfy the number of marketable contracts the Exchange has, the System will contemporaneously route a number of contracts that will satisfy interest at other markets at prices better than the Exchange opening price, trade available contracts on the Exchange at the Exchange opening price, and route a number of contracts that will satisfy interest at other markets at prices equal to the Exchange opening price.

4. If the total number of better priced away contracts plus the number of contracts available at the Exchange opening price plus the contracts available at other markets at the Exchange opening price would not satisfy the number of marketable contracts the Exchange has, the System will repeat the Imbalance Process.

(D) The System may repeat the Imbalance Process up to three times (as established by the Exchange).

(E) If after that number of times the System still cannot route and/or trade the entire imbalance amount, the System will open as many contracts as possible by routing to other markets with prices better than the Exchange opening price for their disseminated size, trade available contracts on the Exchange at the opening price and route to other markets at prices equal to the Exchange opening price for their disseminated size. In this situation, the System will price any contracts routed to other markets at the away market price. Any unexecuted contracts from the imbalance not traded or routed will be cancelled back to the entering Member if the price for those contracts crosses the opening price, unless the Member that submitted the original order has instructed the Exchange in writing to re-enter the remaining size, in which case the remaining size will be automatically submitted as a new order.

(F) The System will execute orders at the opening that have contingencies and non-routable orders, such as a "Do Not Route" or "DNR" Orders to the extent possible. DNR orders together with other non-routable orders will be handled after the opening in accordance with Rule 515.

(9) **Permitted Responses to Imbalance Message.** Market Makers may submit Standard quotes, OPG and AOC eQuotes, OPG and AOC Orders and limit orders in response to an imbalance message. All other Exchange Members may submit OPG and AOC Orders and other types of orders (except those order types not valid during the opening process as described in Rule 516) in response to an imbalance message. OPG and AOC eQuotes and OPG and AOC Orders may be entered at any price with a minimum trading increment applicable to the affected series, on either side of the market, at single or multiple price level(s), and may be cancelled and reentered. A single Exchange Member may enter multiple OPG and AOC eQuotes and OPG and AOC Orders, with each eQuote or Order at a different price level. The System will aggregate the size of all quotes and orders (i.e., for each Market Maker) at a particular price level for trade allocation purposes. Unexecuted OPG or AOC eQuotes and OPG or AOC Orders will be cancelled once the affected series is open.

(10) The System will give priority to market orders first in type, then in time priority (including limit orders that are treated as market orders except for limit orders in series with a bid of \$0.00 and an offer less than \$0.05, which will not be treated as market orders), then to resting limit orders at the opening price.

(11) Inbound orders and quotes will not be included in the calculation of the opening price for a brief period established by the System while the System is in the process of completing the opening trade. This brief period will not exceed .25 of one second. After such brief period, inbound orders and quotes received during the period will be entered into the System in order of their arrival.

(12) If at any point during the opening process the ABBO becomes crossed (e.g., the bid is greater than the offer), the opening process will be terminated and the Exchange will not open the affected series. A new opening process for the affected series will commence at the time the ABBO is no longer crossed.

(g) The Help Desk may delay the standard manner of the opening procedure when necessary in the interests of maintaining a fair and orderly market.

Rule 504. Trading Halts

(a) **Halts.** (1) The System may halt trading in the case of an option on a security, when trading in the underlying security has been halted or suspended in the primary market; and

(2) The Help Desk may halt trading in any security in the interests of a fair and orderly market for a period not in excess of two consecutive business days. The Help Desk, in consultation with a designated senior executive officer of the Exchange, may halt trading in any security in the interests of a fair and orderly market for a period exceeding two consecutive business days. Any trading halt that lasts more than two consecutive business days shall be reviewed by the President or his/her designee, who shall be authorized to determine whether, in the interests of a fair and orderly market, to terminate or modify any such trading halt that is then still in effect. Among the factors that may be considered in making the foregoing determinations are whether:

(i) in the case of an option on a security, trading in the underlying security has been halted or suspended in the primary market;

(ii) in the case of an option on a security, the opening of such underlying security has been delayed because of unusual circumstances;

(iii) the extent to which the rotation has been completed or other factors regarding the status of the rotation; or

(iv) other unusual conditions or circumstances are present.

(3) The Exchange shall disseminate through its trading facilities and over OPRA a symbol in respect of a security halted in accordance with (1) or (2) above indicating that trading has been halted. A record of the time and duration of the halt shall be made available to vendors.

(b) **Resumptions.** Trading in a security that has been the subject of a halt under paragraph (a) above may be resumed upon a determination by the Help Desk that the interests of a fair and orderly market are best served by a resumption of trading. Among the factors to be considered in making this determination are whether the conditions which led to the halt are no longer present.

(c) **Trading Pauses.** Trading on the Exchange in any option contract shall be halted whenever trading in the underlying security has been paused by the primary listing market. Trading in such options contracts may be resumed upon a determination by the Exchange that the conditions that led to the pause are no longer present and that the interests of a fair and orderly market are best served by a resumption of trading, which in no circumstances will be before the Exchange has received notification that the underlying security has resumed trading on at least one exchange.

(d) **Post-Halt Notification.** After the Exchange has determined to end a trading system halt, the System will broadcast to subscribers of the Exchange's data feeds a Post-Halt Notification. The Post-Halt Notification will be broadcast twenty seconds before trading will begin or resume after a trading system halt. The Post-Halt Notification will state the time at which trading in the option class or classes is expected to resume providing subscribers of the Exchange's data feeds with a brief notice period (twenty seconds) to prepare for the beginning or resumption of trading after a trading system halt has ended. For purposes of this paragraph (d) the term "trading system halt" will not include regulatory halts, trading pauses or market-wide trading halts.

Interpretations and Policies:

.01 No Member or person associated with a Member shall effect a trade on the Exchange in any option class in which trading has been suspended or halted under the provisions of this Rule and its Interpretation and Policies during the time in which the suspension or halt remains in effect.

.02 Generally, in the case of an option on a security, trading will be halted when a regulatory halt in the underlying security has occurred in the primary listing market for that security.

.03 The Exchange shall halt trading in all securities whenever a market-wide trading halt commonly known as a circuit breaker is initiated on the New York Stock Exchange in response to extraordinary market conditions.

Rule 505. Member Electronic Connectivity

The Exchange may limit the number of messages sent by Members accessing the Exchange electronically in order to protect the integrity of the System. In addition, the Exchange may impose restrictions on the use of a computer connected through an API if it believes such restrictions are necessary to ensure the proper performance of the System. Any such restrictions shall be objectively determined and submitted to the Commission for approval pursuant to a rule change filing under Section 19(b) of the Exchange Act.

Rule 506. Collection and Dissemination of Quotations

(a) Each Market Maker shall communicate to the Exchange its bids and offers in accordance with the requirements of Rule 602 of Regulation NMS under the Exchange Act and the Rules.

(b) The Exchange will disseminate to quotation vendors the highest bid and the lowest offer, and the aggregate quotation size associated therewith that is available to Public Customer Orders, in accordance with the requirements of Rule 602 of Regulation NMS under the Exchange Act.

(1) The Exchange shall disseminate an updated bid and offer price, together with the size associated with such bid and offer when:

(i) the Exchange's disseminated bid or offer price increases or decreases;

(ii) the size associated with the Exchange's disseminated bid or offer decreases; or

(iii) the size associated with the Exchange's bid (offer) increases by an amount greater than or equal to a percentage of the size associated with the previously disseminated bid (offer). Such percentage, which shall never exceed 20%, shall be determined on a class-by-class basis by the Exchange and announced to the Membership through a Regulatory Circular.

(2) Executions will decrease the size associated with the Exchange's disseminated bid or offer by the amount of the execution.

(c) **Notification of Public Customer Interest on the Book.** The Exchange will make available to subscribers to its data feeds and to all market participants through OPRA an indication that there is Public Customer interest included in the MBBOs disseminated by the Exchange.

(d) Unusual Market Conditions.

(1) An Exchange official designated by the Board shall have the power to determine that the level of trading activities or the existence of unusual market conditions is such that the Exchange is incapable of collecting, processing, and making available to quotation vendors the data for the option in a manner that accurately reflects the current state of the market on the Exchange. Upon making such a determination, the Exchange shall designate the market in such option to be "fast," and shall halt trading in the class or classes so affected.

(2) The Exchange will monitor the activity or conditions that caused a fast market to be declared, and a designated Exchange official shall review the condition of such market at least every thirty (30) minutes. Regular trading procedures shall be resumed by the Exchange when a designated Exchange official determines that the conditions supporting a fast market declaration no longer exist.

Rule 507. Must Give Up Clearing Member

For each transaction in which it participates, a Member must immediately give up the name of the Clearing Member through whom the transaction will be cleared. If there is a subsequent change in identity of the Clearing

Member through whom a transaction will be cleared, the Member must, as promptly as possible, report such change to the Exchange.

Interpretations and Policies:

.01 Nothing herein shall be deemed to preclude the clearance of Exchange Transactions by a non-Member pursuant to the Bylaws of the Clearing Corporation so long as a Clearing Member is also designated as having responsibility under these Rules for the clearance and comparison of such transactions.

Rule 508. Unit of Trading

The unit of trading in each series of options traded on the Exchange shall be the unit of trading established for that series by the Clearing Corporation pursuant to the Rules of the Clearing Corporation and the agreements of the Exchange with the Clearing Corporation.

Rule 509. Meaning of Premium Bids and Offers

(a) **General.** Except as provided in paragraph (b), bids and offers shall be expressed in terms of dollars per unit of the underlying security. (e.g., a bid of "7" shall represent a bid of \$700 for an option contract having a unit of trading consisting of 100 shares of an underlying security, or a bid of \$770 for an option contract having a unit of trading consisting of 110 shares of an underlying security.)

(b) **Special Cases.** Bids and offers for an option contract for which an adjusted unit of trading has been established in accordance with Rule 405 shall be expressed in terms of dollars per .01 part of the total securities and/or other property constituting such adjusted unit of trading. (e.g., an offer of "6" shall represent an offer of \$600 on an option contract having a unit of trading consisting of 100 shares of an underlying security plus 10 rights.)

Rule 510. Minimum Price Variations and Minimum Trading Increments

(a) **Minimum Price Variations.** The Board may establish Minimum Price Variations ("MPV") for options traded on the Exchange. Until such time as the Board makes a change in the variations, the following principles shall apply:

- (1) If the option contract is trading at less than \$3.00 per option, \$.05.
- (2) If the option contract is trading at \$3.00 per option or higher, \$.10.

(b) **Minimum Trading Increments.** Minimum Trading Increments for dealings in option contracts other than the Minimum Price Variations specified in paragraph (a) may be fixed by the Exchange from time to time for option contracts of a particular series or class pursuant to Rules 516(b)(3) and 604(b)(1).

Interpretations and Policies:

.01 Notwithstanding any other provision of this Rule 510, the Exchange will operate a pilot program, scheduled to expire on December 31, 2012, to permit options classes to be quoted and traded in increments as low as \$.01. The Exchange will specify which options trade in such pilot, and in what increments, in Regulatory Circulars filed with the Commission pursuant to Rule 19b-4 under the Exchange Act and distributed to Members.

Rule 511. Acceptance of Quotes and Orders

All bids or offers made and accepted on the Exchange in accordance with the Rules shall constitute binding contracts, subject to applicable requirements of the Rules and the Rules of the Clearing Corporation.

Rule 512. [Reserved]

Rule 513. Submission of Orders and Clearance of Transactions

(a) **Order Identification.** When entering orders on the Exchange, each Member shall submit trade information in such form as may be prescribed by the Exchange in order to allow the Exchange to properly prioritize and match orders and quotations pursuant to Rule 514 and report resulting transactions to the Clearing Corporation.

(b) All transactions made on the Exchange shall be submitted for clearance to the Clearing Corporation, and all such transactions shall be subject to the Rules of the Clearing Corporation. Every Clearing Member shall be responsible for the clearance of the Exchange Transactions of such Clearing Member and of each Member who gives up such Clearing Member's name pursuant to a letter of authorization, letter of guarantee or other authorization given by such Clearing Member to such Member, which authorization must be submitted to the Exchange.

(c) On each business day at or prior to such time as may be prescribed by the Clearing Corporation, the Exchange shall furnish the Clearing Corporation a report of each Clearing Member's matched trades.

Rule 514. Priority of Quotes and Orders

(a) **Definitions.** As provided in Rule 100, a "bid" is a quotation or limit order to buy option contracts and an "offer" is a quotation or limit order to sell option contracts. "Quote", "Quotation" and "eQuote" are defined and described in Rules 100 and 517, and may only be entered on the Exchange by Market Makers in the options classes to which they are appointed under Rule 602. The System may designate Market Maker quotes as either priority quotes or non-priority quotes in accordance with the provisions in Rule 517(b). Limit orders may be entered by Market Makers in certain circumstances as provided in the Rules and by Electronic Exchange Members (either as agent or as principal). "Priority Customer Orders" are defined in Rule 100. "Professional Interest" is defined in Rule 100 and includes, among others things, limit orders for the account of Electronic Exchange Members and Market Makers. A "Directed Order" is an order routed from an Electronic Exchange Member to a Lead Market Maker (referred to as a "Directed Lead Market Maker") through the System.

(b) **Priority on the Exchange.** The highest bid and lowest offer shall have priority on the Exchange.

(c) **Trade Allocation.** The Exchange will determine to apply for each class of options one of the rules of trade allocation as described in paragraphs (1) and (2) below. The Exchange will specify which trade allocation rules will govern which classes of options, and specify any time the Exchange changes the trade allocation rule of an options class.

(1) **Price-Time Allocation.** Under this method, resting quotes and orders on the Book are prioritized according to price and time. If there are two or more quotes or orders at the best price then the trade is allocated among those quotes or orders in the order in which they were received by the System.

(2) **Pro-Rata Allocation.** Under this method, resting quotes and orders on the Book are prioritized according to price. If there are two or more quotes or orders at the best price then the contracts are allocated proportionally according to size (in a pro-rata fashion). If the executed quantity cannot be evenly allocated, the remaining contracts will be distributed one at a time based upon price-size-time priority.

(d) **Additional Priority Overlays Applicable to the Pro-Rata Allocation Method.** In connection with the allocation methodology set forth in Rule 514(c)(2), the Exchange may determine to apply, on a class-by-class basis, one or more of the following designated market participant overlay priorities in a sequence determined by the Exchange. The Exchange will issue a Regulatory Circular periodically which will specify which classes of options are subject to these additional priorities.

(1) **Priority Customer Orders.** When this priority overlay (the “Priority Customer Overlay”) is in effect, the highest bid and lowest offer shall have priority except that Priority Customer Orders shall have priority over Professional Interest and all Market Maker interest at the same price. If there are two or more Priority Customer Orders for the same options series at the same price, priority shall be afforded to such Priority Customer Orders in the sequence in which they are received by the System.

(2) **Market Turner.** Market Turner means a market participant that was the first to enter an order or quote at a better price than the previous best disseminated Exchange price and such order or quote is continuously in the market until the order or quote trades. There may be a Market Turner for each price at which a particular order trades. When this priority overlay is in effect, the Market Turner has priority at the highest bid or lowest offer that he established. The Market Turner priority at a given price remains with the order or quote once it is earned. For example, if the market moves in the same direction as the direction in which the order from the Market Turner moved the market, and then the market moves back to the Market Turner's original price, the Market Turner retains priority at the original price. Market Turner priority cannot be established until after the opening transaction and/or the conclusion of the opening process and, once established, shall remain in effect until the conclusion of the trading session. The Market Turner overlay will never be in effect in conjunction with other priority overlays.

The Exchange may determine, on a class-by-class basis, to reduce the Market Turner priority to a percentage of each inbound order that is executable against the Market Turner. In such cases, the Market Turner may participate in the balance of an order after the Market Turner priority has been applied. To the extent the Market Turner order or quote is not fully exhausted; it shall retain Market Turner priority for subsequent inbound orders until the conclusion of the trading session.

(3) **Primary Lead Market Maker.** The Exchange may determine to grant Primary Lead Market Makers participation entitlements pursuant to the provisions of Rule 514(g). As indicated in Rule 514(g), the Primary Lead Market Maker participation entitlement may only be in effect when the Priority Customer Overlay is also in effect.

(4) **Directed Lead Market Maker.** The Exchange may determine to grant Directed Lead Market Makers participation entitlements pursuant to the provisions of Rule 514(h). As indicated in Rule 514(h), the Directed Lead Market Maker participation entitlement may only be in effect when the Priority Customer Overlay is also in effect.

(e) **Precedence of Market Maker Quotes and Orders for the Pro-Rata Allocation Method.** After executions resulting from Priority Overlays set forth in paragraph (d) above, when the pro-rata allocation method applies (1) If there is other interest at the NBBO, after all Priority Customer Orders (if any) at that price have been filled, executions at that price will be first allocated to other remaining Market Maker priority quotes, which have not received a participation entitlement, and have precedence over Professional Interest.

(2) If after all Market Maker priority quotes have been filled in accordance with (1) above and there remains interest at the NBBO, executions will be allocated to all Professional Interest at that price. Professional Interest is defined in Rule 100 and includes among other interest, Market Maker non-priority quotes (as described in Rule 517(b)(1)(ii)) and Market Maker orders in both assigned and non-assigned classes.

(f) **Quotes Interacting with Quotes.**

(1) **Locked Markets.** In the event that a Market Maker's quotes interact with the disseminated quote(s) of other Market Makers, resulting in a "locked" quote (*e.g.*, \$1.00 bid - 1.00 offer), a trade will occur immediately.

(i) If the quote locks or crosses the NBBO, the System will post the quote internally as if it locks the NBBO, but will display the incoming quote one Minimum Price Variation away from the NBBO. The incoming quote will remain available for execution up to its original bid or down to its original offer provided that the execution price does not violate the NBBO.

(ii) If a Market Maker submits a quote or order that locks or crosses its own quote or order on the other side of the market, the earlier of the two entries will be cancelled and the incoming quote or order will be available to trade with quotes or orders from other market participants.

(2) **Inverted Quotes.** The System will not disseminate an internally crossed market (i.e., the MIAX best bid is higher than the MIAX best offer). If a Market Maker submits a quote ("incoming quote") that would invert an existing quote ("existing quote") and (i) MIAX is at the NBBO, the System will execute the incoming quote against the existing quote or order at the existing quote or order limit price and update the market following the transaction; or (ii) if MIAX's quote is inferior to the NBBO, the System will post the quote internally as if it locks the NBBO, but will display the incoming quote one Minimum Price Variation away from the NBBO. The incoming quote will remain available for execution up to its original bid or down to its original offer provided that the execution price does not violate the NBBO.

(g) **Primary Lead Market Maker Participation Entitlements.** A Primary Lead Market Maker will be assigned by the Exchange in each option class in accordance with Rule 602. The Primary Lead Market Maker participation entitlements shall not be in effect unless the Priority Customer Overlay is in effect and the participation entitlements shall only apply to any remaining balance after Priority Customer orders have been satisfied. The Primary Lead Market Maker participation entitlements are as follows:

(1) For each incoming order, if the Primary Lead Market Maker has a priority quote at the NBBO, its participation entitlement is equal to the greater of (i) the proportion of the total size at the best price represented by the size of its quote, or (ii) sixty percent (60%) of the contracts to be allocated if there is only one (1) other Market Maker quotation at the NBBO and forty percent (40%) if there are two (2) or more other Market Maker quotes at the NBBO. For purposes of allocation, all Market Maker priority interest at a certain price level shall be aggregated and all Market Maker non-priority interest (including quotes and orders) at a certain price level shall be aggregated.

(2) Small size orders will be allocated in full to the Primary Lead Market Maker if the Primary Lead Market Maker has a priority quote at the NBBO. The Exchange will review this provision quarterly and will maintain the small order size at a level that will not allow small size orders executed by the Primary Lead Market Maker to account for more than 40% of the volume executed on the Exchange. Small size orders are defined as five (5) or fewer contracts.

(h) **Directed Lead Market Maker Participation Entitlements.** An Electronic Exchange Member may designate a Lead Market Maker ("Directed Lead Market Maker") on orders it enters into the System ("Directed Orders"). The Lead Market Maker must have an appointment in the relevant option class in order to receive a Directed Order in that option class. Only Priority Customer Orders will be eligible to be directed by an Electronic Exchange Member. The Directed Lead Market Maker participation entitlement shall not be in effect unless the Priority Customer Overlay is in effect and the participation entitlement shall only apply to any remaining balance after Priority Customer orders have been satisfied. The Directed Lead Market Maker participation entitlements are as follows:

(1) For each incoming order, if the Directed Lead Market Maker has a priority quote at the national best bid or offer ("NBBO"), its participation entitlement is equal to the greater of (i) the proportion of the total size at the best price represented by the size of its quote, or (ii) sixty percent (60%) of the contracts to be allocated if there is only one (1) other Market Maker quotation at the NBBO and forty percent (40%) if there are two (2) or more other Market Maker quotes at the NBBO. For purposes of allocation, all Market Maker priority interest at a certain price level shall be aggregated and all Market Maker non-priority interest (including quotes and orders) at a certain price level shall be aggregated.

(i) **Conditions of Participation Entitlements.** In allocating the participation entitlements set forth in Rule 514(g) to the Primary Lead Market Maker and Rule 514(h) to the Directed Lead Market Maker the following shall apply:

(1) In a class of options where both the Primary Lead Market Maker and the Directed Lead Market Maker participation entitlements are in effect and an Electronic Exchange Member has directed an order to a Lead Market Maker:

(i) if the Directed Lead Market Maker's priority quote is at the NBBO, the Directed Lead Market Maker's participation entitlement will supersede the Primary Lead Market Maker's participation entitlements for an order directed to a Lead Market Maker other than the Lead Market Maker who is the Primary Lead Market Maker, in which case the Primary Lead Market Maker's participation entitlements will supersede;

(ii) if the Directed Lead Market Maker's priority quote is not at the NBBO, the Primary Lead Market Maker's participation entitlement will apply to that order, provided the Primary Lead Market Maker's priority quote is at the NBBO: and

(iii) if neither the Directed Lead Market Maker's nor the Primary Lead Market Maker's priority quote is at the NBBO then executed contracts will be allocated in accordance with the pro-rata allocation methodology as described in paragraphs (c) and (e) above without regard to any participation entitlement.

(2) If an incoming order has not been directed to a Lead Market Maker by an Electronic Exchange Member, then the Primary Lead Market Maker's participation entitlement will apply to that order, provided the Primary Lead Market Maker's priority quote is at the NBBO.

(3) The participation entitlements shall not be in effect unless the Priority Customer Overlay is also in effect and the participation entitlements shall only apply to any remaining balance after Priority Customer orders have been satisfied.

(4) Neither the Primary Lead Market Maker nor the Directed Lead Market Maker may be allocated a total quantity greater than the quantity they are quoting at the execution price. If the Primary Lead Market Maker's or the Directed Lead Market Maker's allocation of an order pursuant to its participation entitlement is greater than its pro-rata share of priority quotes at the best price at the time that the participation entitlement is granted, neither the Primary Lead Market Maker nor the Directed Market Lead Maker shall receive any further allocation of that order.

(5) In establishing the counterparties to a particular trade, the participation entitlements must first be counted against the Primary Lead Market Maker's highest priority bids and offers or the Directed Lead Market Maker's highest priority bids or offers.

(6) These participation entitlements only apply to the allocation of executions among competing Market Maker priority quotes existing on the Book at the time the order is received by the Exchange. No market participant is allocated any portion of an execution unless it has an existing interest at the execution price. Moreover, no market participant can execute a greater number of contracts than is associated with its interest at a given price. Accordingly, the Primary Lead Market Maker and the Directed Lead Market Maker participation entitlements contained in this Rule are not guarantees.

Rule 515. Execution of Orders and Quotes

(a) **General.** Incoming orders and quotes that are executable against orders and quotes in the System will be executed by the System in accordance with the following provisions, provided such incoming orders and quotes will not be executed at prices inferior to the NBBO (as defined in Rules 100 and 1400(j)). Orders and quotes that could not be executed because the executions would be at prices inferior to the NBBO will be handled in accordance with the managed interest process for orders described in paragraph (c) below or in accordance with process for handling Market Maker orders and quotes described in paragraph (d) below.

(b) **Order or Quote Locks or Crosses the NBBO and the MBBO is at the NBBO.** If the MBBO is at the NBBO, upon receipt of an order or quote which locks or crosses the NBBO, the System will immediately execute the new

incoming order or quote against the MBBO at or better than the MBBO price for a size which is the lesser of (1) the new incoming order or quote; or (2) the MBBO size.

(c) Non-Market Maker Orders That Could Not Be Executed or Could Not Be Executed in Full at the Original NBBO Upon Receipt. The following paragraphs describe how the System handles orders that could not be executed or could not be executed in full at the original NBBO upon receipt. The term “initiating order” will be used in the following paragraphs to refer to the original incoming order that could not be executed or to refer to the remaining contracts when the incoming order could not be executed in full. The term “original NBBO” will be used in the following paragraphs to refer to the NBBO that existed at time of receipt of the initiating order.

(1) **Price Protection Process.** The System will apply a price protection process, as described herein, to all orders other than orders for the account of a Market Maker. The System will handle Market Maker quotes and orders in accordance with paragraph (d) below. This process will not apply to Immediate or Cancel orders (“IOC”), Fill-or-Kill orders (“FOK”) or Intermarket Sweep Orders (“ISO”); IOC orders will be handled in accordance with paragraph (e) below, FOK orders will be handled in accordance with paragraph (f) below and ISOs will be handled in accordance with paragraph (g) below.

(i) **Initiating Limit Order Locks the NBBO Upon Receipt.** If an initiating order is a limit order whose limit price at the time of receipt by the System locks the NBBO and the order could not be executed by the System because either the MBBO was not at the NBBO, or the MBBO was at the NBBO, but the order could only be partially executed, the following processes will apply:

(A) **Order Not Routable.** If the initiating order is not routable (for example, the Public Customer order was marked “Do Not Route”) the order will never be routed outside of the Exchange regardless of prices displayed by away markets. . A non-routable initiating order may execute on the Exchange at a price equal to or better than, but not inferior to, the ABBO. If the initiating order or contracts from the initiating order remain, which lock the ABBO, the non-routable initiating order will be handled in accordance with the managed interest process described in paragraph (c)(2).

(B) **Order Eligible For Routing.** If the initiating order is eligible to be routed to an away market or markets for execution in full or in part, the initiating order will be handled in accordance with the order routing provisions set forth in Rule 529. If there are remaining unexecuted contracts from the initiating order after routing in accordance with the routing provisions set forth in Rule 529, the MBBO will be revised and disseminated to reflect the initiating order’s price and remaining size.

(ii) **Initiating Market Order or Limit Order that Crosses the NBBO Upon Receipt; ABBO is Equal to the NBBO.** If an initiating order is a limit order whose limit price at the time of receipt by the System crosses the NBBO or the initiating order is a market order, and the limit order or market order could not be executed by the System because the MBBO was not at the NBBO at that time, or the MBBO was at the NBBO, but the order could only be partially executed by the System, when there is liquidity at the NBBO at the away market or markets, the following processes will occur:

(A) **Order Not Routable.** If the initiating order is not routable (for example, the Public Customer order was marked “Do Not Route”) the order will never be routed outside of the Exchange regardless of the prices displayed by the away markets. A non-routable initiating order may execute on the Exchange at a price equal to or better than, but not inferior to, the ABBO. If the initiating order or contracts from the initiating order remain, which cross the ABBO and cross the original NBBO by only one MPV, the non-routable initiating order will be handled in accordance with the managed interest process described in paragraph (c)(2). If the non-routable initiating order is a market order or a limit order with a limit price crossing the original NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled.

(B) **Order Eligible For Routing.** If the initiating order is eligible to be routed to an away market or markets for execution in full or in part, the initiating order will be handled in accordance with the order routing provisions set forth in Rule 529. If there are remaining unexecuted contracts from the initiating order

after routing in accordance with the order routing provisions set forth in Rule 529, the following processes will occur:

1. **Next MIAX Bid (or Offer) is Only One MPV Inferior to the Original NBBO.** If the next MIAX bid (or offer) is only one MPV inferior to the original NBBO, the System will immediately execute the initiating order's remaining contracts at the next MIAX bid (or offer). If there are still contracts remaining from the initiating order then one of the following will occur:

a. **Limit Price Crosses the Original NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the original NBBO by only one MPV, the System will display and book the initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, further handle the order in accordance with the managed interest process described in paragraph (c)(2).

b. **Market Order or Limit Price Crosses the Original NBBO By More Than One MPV.** If the initiating order is a market order or a limit order whose limit price crosses the original NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

2. **Next MIAX Bid (or Offer) is More Than One MPV Inferior to the Original NBBO.** If the next MIAX bid (or offer) is more than one MPV inferior to the original NBBO then one of the following will occur:

a. **Limit Price Crosses the Original NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the original NBBO by one MPV, the System will display and book the initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, handle the order in accordance with the managed interest process described in paragraph (c)(2).

b. **Market Order or Limit Price Crosses the Original NBBO By More Than One MPV.** If the initiating order is a market order or if the initiating order is a limit order whose limit price crosses the original NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

(iii) **Initiating Market Order or Limit Order that Crosses the NBBO Upon Receipt; MIAX Alone at the NBBO.** If, at the time of receipt of the initiating order by the System, the MBBO was alone at the NBBO and either the initiating order was a limit order whose limit price at the time of receipt by the System crosses the NBBO or the initiating order was a market order, and the limit order or market order could only be partially executed, the following processes will occur:

(A) **Market Maker Quote in the MBBO—Liquidity Refresh Pause.** If a Market Maker quote was all or part of the MBBO and the Market Maker's quote was exhausted by the partial execution of the initiating order, the System will pause the market for a time period not to exceed one second to allow additional orders or quotes refreshing the liquidity at the MBBO to be received ("liquidity refresh pause"). At the start of the liquidity refresh pause, the System will broadcast a liquidity refresh message to subscribers of the Exchange's data feeds, providing a description of the option and the size and side of the order. In addition, during the liquidity refresh pause the System will display the remainder of the initiating order at the original NBBO price, which has been exhausted, and on the opposite side of the market, the Exchange's next bid (or offer) as non-firm (or in the absence thereof, a price of zero with a size of zero). If the NBBO was crossed when the initiating order was received, the System will continue to process the initiating order in accordance with subparagraph (c)(iii)(B) of this Rule and will not pause the market or broadcast a liquidity refresh message.

1. **During the Liquidity Refresh Pause.** During the liquidity refresh pause the following provisions will apply:

a. All market participants can respond to the liquidity refresh message broadcast during the liquidity refresh pause;

b. If the Exchange receives a new order or quote on the opposite side of the market from the initiating order's remaining contracts, which locks or crosses the original NBBO, the System will immediately execute the remaining contracts from the initiating order to the extent possible at the original NBBO price provided it does not trade at a price inferior to the current NBBO. If unexecuted contracts remain from the initiating order, the MBBO will be revised and disseminated to reflect the initiating order's displayed price and remaining size;

c. If the Exchange receives a new order or quote on the same side of the market as the initiating order's remaining contracts, which locks or crosses the original NBBO, the System will add the new order or quote to the MBBO size and disseminate the updated MBBO. The initiating order and any new order(s) or quote(s) on the same side of the market received during the liquidity refresh pause will be processed in the order in which they were received. Thus, the initiating order will be executed first and any additional order(s) or quote(s) will be executed in order of receipt;

d. If all of the remaining contracts in the initiating order and any new order(s) or quote(s) on the same side of the market received during the liquidity refresh pause are traded or cancelled during the liquidity refresh pause, the liquidity refresh pause will be terminated early and normal trading will resume;

e. If the Exchange receives an Immediate or Cancel ("IOC") or a Fill or Kill ("FOK") order on the same side of the market as the initiating order's remaining contracts, the System will immediately cancel the IOC and FOK orders;

f. If the Exchange receives an Auction or Cancel ("AOC") order on the same side of the market as the initiating order's remaining contracts, the System will immediately reject the AOC order; and

g. If the Exchange receives an ISO on the same side of the market as the initiating order's remaining contracts, the liquidity refresh pause will be terminated early. If the liquidity refresh pause was terminated due to the receipt of an ISO, the initiating order and any new order(s) or quote(s) on the same side of the market received during the liquidity refresh pause and the ISO will be processed in the order in which they were received, with the initiating order being processed first and the ISO being processed last.

h. If the NBBO becomes crossed during the pause, the pause will terminate immediately and the provisions following the end of the liquidity refresh pause will apply.

2. **End of the Liquidity Refresh Pause.** If at the end of the liquidity refresh pause all orders and quotes were not completely filled or cancelled, the following provisions will apply:

a. **Next MIA X Bid (or Offer) is Only One MPV Inferior to the Original NBBO.** If the next MIA X bid (or offer) is only one MPV inferior to the original NBBO, the initiating order's remaining contracts will be immediately executed at the next MIA X bid (or offer) up to the number of remaining contracts or the size of the MIA X bid (or offer), whichever is less, provided the execution does not trade at a price inferior to the current NBBO. Allocations of the executed contracts on the opposite side of the market will be in accordance with the trade allocation methodology specified for the option class in Rule 514(c). If there are still contracts remaining from the initiating order then one of the following will occur:

1) **Limit Price Crosses the Original NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the original NBBO by one MPV, the System will display and book the initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, handle the order in accordance with the managed interest process described in paragraph (c)(2).

2) **Market Order or Limit Price Crosses the Original NBBO By More Than One MPV.** If the initiating order is a market order or the initiating order is a limit order whose limit price crosses the original NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

b. **Next MIAX Bid (or Offer) is More Than One MPV Inferior to the Original NBBO.** If the next MIAX bid (or offer) is more than one MPV inferior to the original NBBO, then:

1) **Limit Price Crosses the Original NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the original NBBO by one MPV, the System will display and book the initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, handle the order in accordance with the managed interest process described in paragraph (c)(2).

2) **Market Order or Limit Price Crosses the Original NBBO By More Than One MPV.** If the initiating order is a market order or the initiating order is a limit order whose limit price crosses the original NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

(B) **No Market Maker Quote in the MBBO.** If, at the time of receipt of the initiating order by the System, there was no Market Maker quote in the MBBO that was exhausted by the partial execution of the initiating order, the System will not pause the market and will immediately handle the initiating order's remaining contracts as follows:

1. **Next MIAX Bid (or Offer) is only One MPV Inferior to the NBBO.** If the next MIAX bid (or offer) is only one MPV inferior to the NBBO, the initiating order's remaining contracts will be immediately executed at the next MIAX bid (or offer), provided it does not trade at a price inferior to the current NBBO. Allocations of the executed contracts will be in accordance with the trade allocation methodology specified for the option class in Rule 514(c). If there are still contracts remaining from the initiating order then one of the following will occur:

a. **Limit Price Crosses the NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the NBBO by one MPV, the System will display and book the initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, handle the order in accordance with the managed interest process described in paragraph (c)(2).

b. **Market Order or Limit Price Crosses the NBBO By More Than One MPV.** If the initiating order is a market order or the initiating order is a limit order whose limit price crosses the NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

2. **Next MIAX Bid (or Offer) is More Than One MPV Inferior to the NBBO.** If the next MIAX bid (or offer) is more than one MPV inferior to the NBBO, then:

a. **Limit Price Crosses the NBBO By One MPV.** If the initiating order is a limit order whose limit price crosses the NBBO by one MPV, the System will display and book the

initiating order at its limit price or if the limit price locks or crosses the current opposite side NBBO, handle the order in accordance with the managed interest process described in paragraph (c)(2).

b. **Market Order or Limit Price Crosses the NBBO By More Than One MPV.** If the initiating order is a market order or the initiating order is a limit order whose limit price crosses the NBBO by more than one MPV, the remaining unexecuted portion of the initiating order will be cancelled. If the Member entering the order has instructed the Exchange in writing to re-enter the remaining contracts, the remaining contracts will be automatically submitted as a new order.

(2) **Managed Interest Process For Orders.** As indicated in Rule 515 subparagraphs (c)(1)(i)(A), (c)(1)(ii)(A), (c)(1)(ii)(B)1.a., (c)(1)(ii)(B)2.a., (c)(1)(iii)(A)2.a.1), (c)(1)(iii)(A)2.b.1), (c)(1)(iii)(B)1.a., and (c)(1)(iii)(B)2.a. for orders that could not be executed or could not be executed in full and could not be displayed at their limit price because that limit price would lock or cross the NBBO, the managed interest process described herein will apply. For those orders further managed in accordance with this paragraph (“managed orders”), the System will display the managed order one MPV away from the current opposite side NBBO and book the order at a price that will lock the current opposite side NBBO. Should the NBBO price change to an inferior price level, the managed order’s Book price will continuously re-price to lock the new NBBO and the managed order’s displayed price will continuously re-price one MPV away from the new NBBO until the order reaches its original limit price, is fully executed or is cancelled. If the Exchange receives a new order or quote on the opposite side of the market from the managed order that can be executed, the System will immediately execute the remaining contracts from the managed order to the extent possible at the managed order’s current Book bid or offer price, provided that the execution price does not violate the current NBBO. If unexecuted contracts remain from the managed order, the managed order’s size will be revised and the MBBO disseminated to reflect the managed order’s remaining contracts.

(d) **Handling of Market Maker Orders and Quotes.** If a Market Maker order or quote could not be executed or could not be executed in full upon receipt, the System will continue to execute the Market Maker’s order or quote at multiple prices until (i) the Market Maker’s quote has been exhausted or its order has been completely filled; (ii) the executions have reached the Market Maker’s limit price; or (iii) further executions will trade at a price inferior to the ABBO, whichever occurs first. For a Market Maker order or quote that locks or crosses the ABBO, the System will manage such order or quote in accordance with the following. Once the System can no longer execute the Market Maker’s order or quote, the System will display the order or quote one MPV away from the current opposite side NBBO and book the order or quote at a price that will internally lock the current opposite side NBBO. Should the NBBO price change to an inferior price level, the Market Maker order or quote’s Book price will continuously re-price to lock the new NBBO and the Market Maker order or quote’s displayed price will continuously re-price one MPV away from the new NBBO, until the Market Maker order or quote reaches its original limit price, is fully executed or cancelled. If the Exchange receives a new order or quote on the opposite side of the market from the Market Maker order or quote that can be executed, the System will immediately execute the remaining contracts from the Market Maker order or quote to the extent possible at the Market Maker order or quote’s current Book bid or offer price, provided that the execution price does not violate the current NBBO. If unexecuted contracts remain from the Market Maker’s order or quote, the order or quote size will be revised and the MBBO disseminated to reflect the order or quote’s remaining contracts.

(e) **Handling of Immediate-or-Cancel (“IOC”) Orders.** As defined in Rule 516(c), an IOC order is a limit order that is to be executed in whole or in part upon receipt, with any portion not so executed cancelled. As noted above, IOC orders will not be handled in accordance with the price protection processes set forth in paragraph (c). If an IOC order is executable against orders and quotes in the System and MIAX is the only exchange at the NBBO when an IOC order is received by the System, the System will execute the IOC order at the NBBO price or better and if the IOC order could not be executed in full the System may also execute the IOC order’s remaining contracts at a price that is one MPV inferior to the NBBO, provided the execution does not trade at a price inferior to the current ABBO. If other exchanges in addition to MIAX are also at the NBBO when the IOC order is received, the System will execute the IOC order at the NBBO price and cancel any remaining unexecuted contracts from the IOC order. If the MBBO is not at the NBBO at the time the IOC order is received or the IOC order is not executable against any orders or quotes in the System, the IOC order will be immediately cancelled. Contracts remaining from

an IOC order will not be eligible for automatic resubmission as a new order for Members who have instructed the Exchange in writing to re-enter remaining contracts.

(f) Handling of Fill-or-Kill (“FOK”) Orders. As defined in Rule 516(b)(2), an FOK order is a limit order that is to be executed in its entirety at a single price upon receipt and if not so executed cancelled. As noted above, FOK orders will not be handled in accordance with the price protection processes set forth in paragraph (c). If an FOK order is fully executable against orders and quotes in the System and MIAX is at the NBBO when an FOK order is received by the System, the System will execute the FOK order at the NBBO price or better and if the FOK order could not be executed in full at a single price, the FOK order is cancelled. If the MBBO is not at the NBBO at the time the FOK order is received or the FOK order is not fully executable against any orders or quotes in the System, the FOK order will be immediately cancelled. Contracts remaining from an FOK order will not be eligible for automatic resubmission as a new order for Members who have instructed the Exchange in writing to re-enter remaining contracts.

(g) Handling of Intermarket Sweep Orders and Intermarket Sweep eQuote (“ISOs”). As defined in Rule 516(f) and Rule 517(a)(2)(vi), ISOs are immediately executable in the System and are not eligible for routing to another exchange. As noted above, ISOs will not be handled in accordance with the price protection processes set forth in paragraph (c). The System will execute an ISO at multiple prices until (i) the ISO has been exhausted or its order has been completely filled; or (ii) the executions have reached the ISO’s limit order price, whichever occurs first. Unexecuted contracts remaining from an ISO order will be immediately cancelled and are not eligible for automatic resubmission as a new order for Members who have instructed the Exchange in writing to re-enter remaining contracts.

(h) Crossing Orders.

(1) Customer Cross Orders, as defined in Rule 516(i), are automatically executed upon entry provided that the execution (i) is at or between the best bid and offer on the Exchange; (ii) is not at the same price as a Priority Customer Order on the Exchange’s Book; and (iii) will not trade at a price inferior to the NBBO.

(A) Customer Cross Orders will be automatically canceled if they cannot be executed.

(B) Customer Cross Orders may only be entered in the minimum trading increments applicable to the options class under Rule 510.

(C) Rule 520; Interpretations and Policies .01 applies to the entry and execution of Customer Cross Orders.

(2) Qualified Contingent Cross Orders, as defined in Rule 516(j), are automatically executed upon entry provided that the execution (i) is not at the same price as a Priority Customer Order on the Exchange’s Book; and (ii) is at or between the NBBO.

(A) Qualified Contingent Cross Orders will be automatically canceled if they cannot be executed.

(B) Qualified Contingent Cross Orders may only be entered in the minimum trading increments applicable to the options class under Rule 510.

Interpretations and Policies:

.01 A Member may submit written instructions to the Exchange designating orders the Member submits as eligible for automatic resubmission when the order or any remaining part of the order has been automatically cancelled by the System. The resubmitted order will be automatically submitted as a new order. This automatic resubmission functionality of the System will not apply to Immediate or Cancel, Fill or Kill or Intermarket Sweep Orders.

Rule 516. Order Types Defined

It should be noted that some of the order types defined below are valid only during certain portions of the trading day (e.g., Opening Orders) or during certain events (e.g., Auction or Cancel Orders). If a Member submits an order type during a time period when the order type is not valid, the System will reject the order. It should also be noted that not all of the order types listed and described in this rule will be initially available for use on the Exchange. The Exchange will issue a Regulatory Circular listing which order types, among the order types set forth below, are available. Additional Regulatory Circulars will be issued as additional order types, among those order types set forth below, become available for use on the Exchange. Regulatory Circulars will also be issued when an order type that had been in usage on the Exchange will no longer be available for use.

(a) **Market Order.** A market order is an order to buy or sell a stated number of option contracts at the best price available at the time of execution.

(b) **Limit Orders.** A limit order is an order to buy or sell a stated number of option contracts at a specified price or better.

(1) **Marketable Limit Orders.** A marketable limit order is a limit order to buy (sell) at or above (below) the best offer (bid) on the Exchange.

(2) **Fill-or-Kill Orders.** A fill-or-kill order is a limit order that is to be executed in its entirety at a single price as soon as it is received and, if not so executed is cancelled. A fill-or-kill order is not valid during the opening rotation process described in Rule 503.

(3) **Non-displayed Penny Orders.** A non-displayed penny order is a limit order that specifies a one-cent price increment in an option contract that has a Minimum Price Variation pursuant to Rule 510 that is larger than one-cent. Non-displayed penny orders shall be available for execution at the stated limit price, but shall only be displayed to market participants and the public at the Minimum Price Variation for the option class. The displayed price of a non-displayed penny order will be the closest Minimum Price Variation that does not violate the limit price. The Exchange shall designate which qualifying option classes shall be eligible for non-displayed penny orders through the issuance of a Regulatory Circular. A limit order received by the Exchange with a limit price in a one cent increment will be rejected by the Exchange if the option contract is in a class that has an MPV pursuant to Rule 510 larger than one cent and has not been designated by the Exchange as being eligible for non-displayed penny orders. Notwithstanding the foregoing, limit orders that specify a one cent increment in an option contract eligible for a Minimum Price Variation pursuant to Rule 510, Interpretations and Policies .01 (i.e., the penny pilot program) will be displayed at its limit price in accordance with that program or if the limit price would lock or cross the NBBO, be handled in accordance with the managed interest process described in Rule 515(c)(2). There are no "non-displayed" penny orders in an option contract that has a one-cent Minimum Price Variation pursuant to Rule 510, Interpretations and Policies .01 (i.e., the penny pilot program).

(4) **Auction or Cancel Orders.** An Auction-or-Cancel or "AOC" order is a limit order used to provide liquidity during a specific Exchange process (such as the Opening Imbalance process described in Rule 503) with a time in force that corresponds with that event. AOC orders are not displayed to any market participant, are not included in the MBBO and therefore are not eligible for trading outside of the event, may not be routed, and may not trade at a price inferior to the away markets.

(c) **Immediate-or-Cancel Orders.** An immediate-or-cancel order is an order that is to be executed in whole or in part upon receipt. Any portion not so executed is cancelled. An immediate-or-cancel order is not valid during the opening rotation process described in Rule 503.

(d) **WAIT Orders.** "WAIT" shall mean for orders so designated, that upon entry into the System, the order is held for one second without processing for potential display and/or execution. After one second, the order is processed for potential display and/or execution in accordance with all order entry instructions as determined by the entering party.

(e) **Attributable Order.** An Attributable Order is a market or limit order which displays the user firm ID for purposes of trading on the Exchange. Use of Attributable Orders is voluntary. The Exchange will issue a Regulatory Circular specifying the class(es) of securities for which the Attributable Order type shall be available.

(f) **Intermarket Sweep Order.** An Intermarket Sweep Order or “ISO”, as defined in Rule 1400(h), is a limit order that is designated by a Member as an ISO in the manner prescribed by the Exchange, and is executed within the System by Members without respect to Protected Quotations of other Eligible Exchanges as defined in Rule 1400(p) and (f). ISOs are immediately executable within the System and shall not be eligible for routing. ISOs that are not designated as immediate or cancel will be cancelled by the System if not executed upon receipt. Simultaneously with the routing of an ISO to the System, one or more additional limit orders, as necessary, are routed by the entering Member to execute against the full displayed size of any Protected Bid or Protected Offer (as defined in Rule 1400(o)) in the case of a limit order to sell or buy with a price that is superior to the limit price of the limit order identified as an ISO. These additional routed orders must be identified as ISOs. An ISO is not valid during the opening rotation process described in Rule 503.

(g) **Do Not Route Order.** A Do Not Route or “DNR” order is an order that will never be routed outside of the Exchange regardless of the prices displayed by away markets. A DNR order may execute on the Exchange at a price equal to or better than, but not inferior to, the best away market price but, if that best away market remains, the DNR order will be handled in accordance with the managed interest process described in Rule 515(c)(2).

(h) **Opening Order.** An Opening or “OPG” Order is an order that is valid only for the opening process.

(i) **Customer Cross Order.** A Customer Cross Order is comprised of a Priority Customer Order to buy and a Priority Customer Order to sell at the same price and for the same quantity. A Customer Cross Order is not valid during the opening rotation process described in Rule 503.

(j) **Qualified Contingent Cross Order.** A Qualified Contingent Cross Order is comprised of an order to buy or sell at least 1000 contracts that is identified as being part of a qualified contingent trade, as that term is defined in Interpretations and Policies .01 below, coupled with a contra-side order to buy or sell an equal number of contracts. A Qualified Contingent Cross Order is not valid during the opening rotation process described in Rule 503.

(k) **Day Limit Order.** A Day Limit Order is an order to buy or sell which, if not executed, expires at the end of trading in the security on the day on which it was entered.

(l) **Good ‘Til Cancelled Order.** A Good ‘til Cancelled or “GTC” Order is an order to buy or sell which remains in effect until it is either executed, cancelled or the underlying option expires.

Interpretations and Policies:

.01 A “qualified contingent trade” is a transaction consisting of two or more component orders, executed as agent or principal, where:

(a) At least one component is an NMS Stock, as defined in Rule 600 of Regulation NMS under the Exchange Act;

(b) all components are effected with a product or price contingency that either has been agreed to by all the respective counterparties or arranged for by a broker-dealer as principal or agent;

(c) the execution of one component is contingent upon the execution of all other components at or near the same time;

(d) the specific relationship between the component orders (e.g., the spread between the prices of the component orders) is determined by the time the contingent order is placed;

(e) the component orders bear a derivative relationship to one another, represent different classes of shares of the same issuer, or involve the securities of participants in mergers or with intentions to merge that have been announced or cancelled; and

(f) the transaction is fully hedged (without regard to any prior existing position) as a result of other components of the contingent trade.

Rule 517. Quote Types Defined

Market Makers may communicate to the Exchange bids and offers using one or more of the following quote types. All of the bids and offers in the quote types described below shall be firm in accordance with the Market Maker's obligations under Exchange Rules and Rule 602 of Regulation NMS. However, bids and offers in certain of the eQuote types, as identified in paragraph (d) below, will not be disseminated by the Exchange to quotation vendors in accordance with Rule 602 of Regulation NMS given their limited time in force contingencies. Some of the quote types defined below are valid only during certain portions of the trading day (e.g., Opening Only eQuotes) or during certain events (e.g., Auction or Cancel eQuotes). If a Member submits a quote type during a time period when the quote type is not valid, the System will reject the quote. Not all of the quote types listed and described in this rule will be initially available for use on the Exchange. The Exchange will issue a Regulatory Circular listing which quote types, among those quote types set forth below, are available. Additional Regulatory Circulars will be issued as additional quote types, among those quote types set forth below, become available for use on the Exchange. Regulatory Circulars will also be issued when a quote type that had been in usage on the Exchange will no longer be available for use.

(a) Quote Types:

(1) **Standard Quote.** A Standard quote is a quote submitted by a Market Maker that cancels and replaces the Market Maker's previous Standard quote, if any; and

(2) **eQuote.** An eQuote is a quote with a specific time in force that does not automatically cancel and replace a previous Standard quote or eQuote. An eQuote can be cancelled by the Market Maker at any time, or can be replaced by another eQuote that contains specific instructions to cancel an existing eQuote.

(i) **Day eQuote.** A Day eQuote is a quote submitted by a Market Maker that does not automatically cancel or replace the Market Maker's previous Standard quote or eQuote. Day eQuotes will expire at the close of trading each trading day. The Exchange reserves the right to limit the number of Day eQuotes that a single Market Maker may place on the same side of an individual option. The same limit will apply to all types of Market Makers. If the Exchange determines to establish a limit, it will be no more ten Day eQuotes on the same side of an individual option. The Exchange will publish the limit through the issuance of a Regulatory Circular.

(ii) **Auction or Cancel eQuote ("AOC").** An Auction or Cancel or "AOC" eQuote is a quote submitted by a Market Maker to provide liquidity in a specific Exchange process (such as the Opening Imbalance Process described in Rule 503) with a time in force that corresponds with the duration of that event and will automatically expire at the end of that event. AOC eQuotes are not displayed to any market participant, are not included in the MBBO and therefore are not eligible for trading outside of the event. An AOC eQuote does not automatically cancel or replace the Market Maker's previous Standard quote or eQuote.

(iii) **Opening Only eQuote ("OPG").** An opening only or "OPG" eQuote is a quote that can be submitted by a Market Maker only during the Opening as set forth in Rule 503. An OPG eQuote does not automatically cancel or replace the Market Maker's previous Standard quote or eQuote. OPG eQuotes will automatically expire at the end of the Opening Process.

(iv) **Immediate or Cancel eQuote.** An immediate or cancel or "IOC" eQuote is an eQuote submitted by a Market Maker that must be matched with another quote or order for an execution in whole or in part

upon receipt into the System. Any portion of the IOC eQuote not executed will be immediately canceled. An IOC eQuote does not automatically cancel or replace the Market Maker's previous Standard quote or eQuote. An IOC eQuote is not valid during the opening rotation process described in Rule 503.

(v) **Fill or Kill eQuote.** A fill or kill or "FOK" eQuote is an eQuote submitted by a Market Maker that must be matched with another quote or order for an execution in its entirety at a single price upon receipt into the System or will be immediately cancelled. An FOK eQuote does not automatically cancel or replace the Market Maker's previous Standard quote or eQuote. An FOK eQuote is not valid during the opening rotation process described in Rule 503.

(vi) **Intermarket Sweep eQuote.** A Market Maker may submit an intermarket sweep eQuote to the Exchange only if it has simultaneously routed one or more Intermarket Sweep Orders to execute against the full displayed size of any Protected Bid (as defined in Rule 1400(o)), in the case of an intermarket sweep offer to sell, or Protected Offer (as defined in Rule 1400(o)), in the case of an intermarket sweep bid to buy, an option with a price that is superior to the intermarket sweep eQuote. Intermarket sweep eQuotes that are not designated as immediate or cancel will be cancelled by the System if not executed upon receipt. Intermarket sweep eQuotes do not automatically cancel or replace the Market Maker's previous Standard quote or eQuote. An intermarket sweep eQuote is not valid during the opening rotation process described in Rule 503.

(b) **Quote Priority**

(1) For trade allocation purposes, quotes will be considered either priority quotes (i.e., trade allocation will be in accordance with Rule 514(e), which provides priority quotes with precedence over all Professional Interest) or non-priority quotes (i.e., trade allocation will be in accordance with Rule 514(e), which also provides non-priority quotes are considered together with all other Professional Interest) based upon a Market Maker's quote width at certain times as described below.

(i) **Priority Quotes.** To be considered a priority quote, at the time of execution, each of the following standards must be met:

(A) the bid/ask differential of a Market Maker's two-sided quote pair must be valid width (no wider than the bid/ask differentials outlined in Rule 603(b)(4))

(B) the initial size of both of the Market Maker's bid and the offer must be in compliance with the requirements of Rule 604(b)(2);

(C) the bid/ask differential of a Market Maker's two-sided quote pair must meet the priority quote width requirements defined below in subparagraph (ii) for each option; and

(D) either of the following are true:

1. At the time a locking or crossing quote or order enters the System, the Market Maker's two-sided quote pair must be valid width for that option and must have been resting on the Book; or

2. Immediately prior to the time the Market Maker enters a new quote that locks or crosses the MBBO, the Market Maker must have had a valid width quote already existing (i.e., exclusive of the Market Maker's new marketable quote or update) among his two-sided quotes for that option.

(ii) **Priority Quote Width Standard.** The priority quote width standard will be established by the Exchange and filed with the Commission in accordance with Section 19 of the Exchange Act and Rule 19b-4 thereunder. The priority quote width standard established by the Exchange can have bid/ask differentials as narrow as one MPV, as wide but never wider than the than the bid/ask differentials outlined in Rule 603(b)(4), or somewhere in between. Notwithstanding the foregoing, until such time as the Exchange has submitted and

received approval of a rule change establishing narrower bid/ask differentials, the priority quote width standard will be the bid/ask differentials outlined in Rule 603(b)(4).

(iii) **Non-Priority Quotes.** Any time a Market Maker's quotes fail to meet the valid width criteria as outlined in Rule 517(b)(1)(i) and (ii) above, quotations for that Market Maker shall be considered non-priority and trading interest resulting from that quotation shall be allocated with other Professional Interest.

(2) For purposes of determining a valid width market, only a Market Maker's highest quote bid and lowest quote offer from its Standard quotes and Day eQuotes will be considered.

(c) The bids and offers of Standard quotes and Day eQuotes shall be disseminated by the Exchange if, in accordance with Rule 602 of Regulation NMS, they represent the MBBO.

(d) Bids and offers in the following limited time in force eQuote types will not be disseminated by the Exchange in accordance with Rule 602 of Regulation NMS. In addition, executions resulting from the following eQuote types will not be used by the Exchange's Aggregate Risk Manager to determine whether the Market Maker has exceeded the Allowable Exchange Percentage as more fully described in Rule 612:

- (1) Auction or Cancel eQuote;
- (2) Opening Only eQuote;
- (3) Immediate or Cancel eQuote;
- (4) Fill or Kill eQuote; and
- (5) Immediate or Cancel Intermarket Sweep eQuote.

Rule 518. [Reserved]

Rule 519. MIAX Order Monitor

In order to avoid the occurrence of potential obvious or catastrophic errors on the Exchange, the System will take the following steps in accordance with the MIAX Order Monitor, which will prevent certain orders from executing or being placed on the Book at prices outside pre-set standard limits. Beginning after the Opening Process is complete, the MIAX Order Monitor will be operational each trading day until the close of trading. The MIAX Order Monitor will not be operational during a trading halt.

(a) **Market Orders to Sell.**

(1) If the Exchange receives a market order to sell an option when the national best bid is zero and the Exchange's disseminated offer is equal to or less than \$0.10, the System will convert the market order to sell to a limit order to sell with a limit price of one Minimum Trading Increment. In this case, such sell orders will automatically be placed on the Book in time priority and will be displayed at the appropriate Minimum Price Variation.

(2) If the Exchange receives a market order to sell an option when the national best bid is zero and the national best offer is greater than \$0.10, the System will reject the market order to sell.

(b) **Market Orders to Buy or Sell.**

(1) If the differential between the bid and the offer of the NBBO is equal to or greater than \$5.00, market orders to buy or sell will be rejected by the System upon receipt.

(2) Notwithstanding the foregoing, certain options classes may be designated by the Exchange as Extended Market Width classes and as such will be exempt from subparagraph (b)(1) above. A list of Extended Market Width classes will be made available to Members through the issuance of a Regulatory Circular.

(c) **Limit Orders to Buy Or Sell.**

(1) The System will reject an incoming limit order that crosses the contra-side NBBO by at least 50% or \$2.50, whichever is less. (i) The following examples illustrate those situations where lower priced limit orders are rejected because they cross the NBBO by at least 50%: (A) if the NBBO on the offer side is \$4.00, an order to buy options for \$6.00 or more will be rejected; and (B) if the NBBO on the bid side is \$4.00, an order to sell options for \$2.00 or less will be rejected. (ii) Additionally, the following are examples of those situations where higher priced limit orders are rejected because they cross the NBBO by \$2.50 or more: (A) if the NBBO on the offer side is \$12.00, an order to buy options for \$14.50 or more will be rejected; and (B) if the NBBO on the bid side is \$12.00, an order to sell options for \$9.50 or less will be rejected.

(2) Notwithstanding the foregoing, with respect to limit orders to sell, the MIAX Order Monitor will not be activated under this paragraph (c), when the NBBO on the bid side is equal to or less than \$0.25. Thus, the System will accept all limit orders to sell regardless of price during this time.

(d) For purposes of this rule, in singly listed series the MBBO shall be deemed to be the NBBO.

(e) The protections of the MIAX Order Monitor will not apply to incoming orders marked as Intermarket Sweep Orders (ISO).

Rule 520. Limitations on Orders

(a) **Limit Orders.**

(1) The Exchange shall designate classes in which Electronic Exchange Members may enter into the System, as principal or as agent, buy and sell limit orders in the same option series, for the account or accounts of the same or related beneficial owners.

(2) In all other classes, Electronic Exchange Members shall not enter into the System, as principal or agent, limit orders in the same options series, for the account or accounts of the same or related beneficial owners, in such a manner that the Electronic Exchange Member or the beneficial owner(s) effectively is operating as a market maker by holding itself out as willing to buy and sell such option contract on a regular or continuous basis. In determining whether an Electronic Exchange Member or beneficial owner effectively is operating as a market maker, the Exchange will consider, among other things: the simultaneous or near-simultaneous entry of limit orders to buy and sell the same option contract; the multiple acquisition and liquidation of positions in the same options series during the same day; and the entry of multiple limit orders at different prices in the same options series.

(b) **Principal Transactions.** Electronic Exchange Members may not execute as principal orders they represent as agent unless (i) agency orders are first exposed on the Exchange for at least one (1) second, and (ii) the Electronic Exchange Member has been bidding or offering on the Exchange for at least one (1) second prior to receiving an agency order that is executable against such bid or offer.

(c) **Solicitation Orders.** Electronic Exchange Members may not execute orders they represent as agent on the Exchange against orders solicited from Members and non-member broker-dealers to transact with such orders unless the unsolicited order is first exposed on the Exchange for at least one (1) second.

(d) **Orders for the Account of Another Member.** Electronic Exchange Members shall not cause the entry of orders for the account of a MIAX Market Maker that is exempt from the provisions of Regulation T of the Board of Governors of the Federal Reserve System pursuant to Section 7 of the Exchange Act unless such orders are identified as orders for the account of a MIAX Market Maker in the manner prescribed by the Exchange.

Interpretations and Policies:

.01 Rule 520(b) prevents an Electronic Exchange Member from executing agency orders to increase its economic gain from trading against the order without first giving other trading interest on the Exchange an opportunity to either trade with the agency order or to trade at the execution price when the Member was already bidding or offering on the Book. However, the Exchange recognizes that it may be possible for an Electronic Exchange Member to establish a relationship with a customer or other person (including affiliates) to deny agency orders the opportunity to interact on the Exchange and to realize similar economic benefits as it would achieve by executing agency orders as principal. It will be a violation of Rule 520(b) for an Electronic Exchange Member to be a party to any arrangement designed to circumvent Rule 520(b) by providing an opportunity for a customer or other person (including affiliates) to regularly execute against agency orders handled by the Electronic Exchange Member immediately upon their entry into the System.

.02 It will be a violation of Rule 520(c) for an Electronic Exchange Member to cause the execution of an order it represents as agent on the Exchange by orders it solicited from Members and non-member broker-dealers to transact with such orders, whether such solicited orders are entered into the System directly by the Electronic Exchange Member or by the solicited party (either directly or through another Member), if the Member fails to expose orders on the Exchange as required by Rule 520(c).

.03 The requirements of paragraphs (b) and (c) above apply to non-displayed penny orders entered on the Exchange. For the purposes of these paragraphs, agency orders priced in penny increments are deemed “exposed” and Member proprietary orders priced in penny increments are deemed bids or offers.

.04 For purposes of paragraphs (b) and (c) above, orders subject to the Managed Interest Process described in Rule 515(c)(2) and Market Maker orders and quotes displayed at a price other than their limit price or quote price as described in Rule 515(d) are not deemed “exposed” on the Exchange.

Rule 521. Obvious and Catastrophic Errors

The Exchange shall either nullify a transaction or adjust the execution price of a transaction that results in an Obvious Error as provided in this Rule.

(a) (1) **Definition of Obvious Error.** For purposes of this Rule only, an Obvious Error will be deemed to have occurred when the execution price of a transaction is higher or lower than the Theoretical Price for a series by an amount equal to at least the amount shown below:

Theoretical price	Minimum amount
Below \$2	\$.25
\$2 to \$5	\$.40
Above \$5 to \$10	\$.50
Above \$10 to \$20	\$.80
Above \$20	\$1.00

(2) **Catastrophic Error.** For purposes of this Rule only, a Catastrophic Error will be deemed to have occurred when the execution price of a transaction is higher or lower than the Theoretical Price for the series by an amount equal to at least the minimum amount shown below:

Theoretical price	Minimum amount
Below \$2	\$1
\$2 to \$5	\$2
Above \$5 to \$10	\$5
Above \$10 to \$50	\$10
Above \$50 to \$100	\$20
Above \$100	\$30

(b) **Definition of Theoretical Price.** For purposes of this Rule only, the Theoretical Price of an option is:

(1) If the series is traded on at least one other options exchange the last National Best Bid price with respect to an erroneous sell transaction and the last National Best Offer price with respect to an erroneous buy transaction, just prior to the trade;

(2) if there are no quotes for comparison purposes, or if the bid/ask differential of the NBBO for the affected series, just prior to the erroneous transaction, was at least two times the standard bid/ask differential as permitted for pre-opening quotes under Rule 603(b)(4), as determined by an Exchange Official; or

(3) for transactions occurring as part of the Exchange's automated opening system, the Theoretical Price shall be the first quote after the transaction(s) in question that does not reflect the erroneous transaction(s).

(c) Absent Mutual Agreement as provided in Rule 521(c)(3) below, parties to a trade may have a trade nullified or its price adjusted if:

(1) any such party makes a documented request within the time specified in Rule 521(e)(1); and

(2) one of the conditions below is met:

(i) The trade resulted from a verifiable disruption or malfunction of an Exchange execution, dissemination, or communication system that caused a quote/order to trade in excess of its disseminated size (e.g. a quote/order that is frozen, because of an Exchange System error, and repeatedly traded) in which case trades in excess of the disseminated size may be nullified; or

(ii) The trade resulted from a verifiable disruption or malfunction of an Exchange dissemination or communication system that prevented a Member from updating or canceling a quote/order for which the Member is responsible where there is Exchange documentation providing that the Member sought to update or cancel the quote/order; or

(iii) The trade resulted from an erroneous print disseminated by the underlying market which is later cancelled or corrected by the underlying market where such erroneous print resulted in a trade higher or lower than the average trade in the underlying security during the time period encompassing two minutes before and after the erroneous print, by an amount at least five times greater than the average quote width for such underlying security during the time period encompassing two minutes before and after the erroneous print. For purposes of this Rule, the average trade in the underlying security shall be determined by adding the prices of each trade during the four minute time period referenced above (excluding the trade in question) and dividing by the number of trades during such time period (excluding the trade in question); or

(iv) The trade resulted from an erroneous quote in the primary market for the underlying security that has a width of at least \$1.00 and that width is at least five times greater than the average quote width for such underlying security during the time period encompassing two minutes before and after the dissemination of such

quote. For the purposes of this Rule, the average quote width shall be determined by adding the quote widths of sample quotations at regular 15-second intervals during the four minute time period referenced above (excluding the quote in question) and dividing by the number of quotes during such time period (excluding the quote in question); or

(v) The trade resulted in an execution price in a series quoted no bid and for 5 seconds prior to the execution remained no bid (excluding the quote in question; bids and offers of the parties to the subject trade that are in any of the series in the same options class shall not be considered) and at least one strike price below (for calls) or above (for puts) in the same class were quoted no bid at the time of the erroneous execution (in which case the trade shall be nullified); or

(vi) The trade occurred at a price that is deemed to be an Obvious Error as defined in Paragraph (a)(1) of this Rule 521.

(3) **Mutual Agreement.** The determination as to whether a trade was automatically executed at an erroneous price may be made by mutual agreement of the affected parties to a particular transaction within the time periods specified in subparagraphs (e)(1) or (2) below. A trade may be nullified or adjusted on the terms that all parties to a particular transaction agree. In the absence of mutual agreement by the parties, a particular trade may only be nullified or adjusted when the transaction results from an Obvious Error as provided in this Rule.

(4) **Trading Halts.** Trades on the Exchange will be nullified when:

(i) The trade occurred during a trading halt in the affected option on the Exchange; or

(ii) Respecting equity options (including options overlying ETFs), the trade occurred during a trading halt on the primary market for the underlying security.

(d) **Adjustments.** Where the execution price of a transaction executed as the result of an Obvious Error is adjusted, the adjusted price will be:

(1) the Theoretical Price of the option in the case where the erroneous price is displayed in the market and subsequently executed against quotes or orders that did not exist on the Exchange at the time the erroneous price was entered; or

(2) the last bid or offer, just prior to the transaction, on the exchange that was disseminating the National Best Bid or Offer for the series at the time of the transaction that was the result of an Obvious Error in the case where an erroneous price executes against quotes or orders already existing on the Exchange at the time the erroneous price was entered.

(e) **Obvious Error Procedure.** MIAX Regulatory Control ("MRC") shall administer the application of this Rule as follows:

(1) **Notification.** If a Market Maker or Registered Options Trader ("ROT") on the Exchange believes that he/she participated in a transaction that was the result of an Obvious Error, he/she must notify MRC within fifteen minutes of the transaction. If a Member that initiated the order believes a transaction on the Exchange was the result of an Obvious Error, such Member must notify MRC within twenty minutes of the execution. Absent unusual circumstances, MRC will not grant relief under this Rule unless notification is made within the prescribed time period. Notwithstanding the foregoing, respecting transactions that occur as part of the Exchange's automated opening process, after the twenty minute notification period as described above and until 4:30 p.m. Eastern Time ("ET") on the subject trade date, where parties to the transaction are a non-broker-dealer customer and an Exchange Market Maker, the non-broker-dealer customer may request review of the subject transaction, and the execution price of the transaction will be adjusted to the first quote after the transaction(s) in question that does not reflect the erroneous transaction(s) (provided the adjustment does not violate the customer's limit price) by an Exchange Official.

(2) **Adjust or Bust.** An Exchange Official will determine whether there is an Obvious Error as defined in this Rule. If it is determined that an Obvious Error has occurred:

(i) where each party to the transaction is a Market Maker on the Exchange, the execution price of the transaction will be adjusted by an Exchange Official, unless both parties agree to nullify the transaction within ten minutes of being notified by MRC of the Obvious Error; or

(ii) where at least one party to the transaction is not a Market Maker on the Exchange, an Exchange Official will nullify the transaction, unless both parties agree to adjust the price of the transaction within 30 minutes of being notified by MRC of the Obvious Error. Upon final Exchange Official action, MRC, in conjunction with the MIAX Operations Center ("MOC"), where appropriate, shall promptly notify both parties to the trade.

(f) Catastrophic Error Procedure.

(1) **Notification.** If a Member believes that it participated in a transaction that qualifies as a Catastrophic Error pursuant to paragraph (a)(2) above, it must notify MRC by 8:30 am ET, on the first trading day following the date on which the Catastrophic Error occurred. For transactions in an expiring options series that take place on an expiration day, a Member must notify the Exchange by 5:00 pm ET that same day. Relief will not be granted under this paragraph: (i) unless notification is made within the prescribed time period; and (ii) if an Exchange Official has previously rendered a decision with respect to the transaction in question pursuant to Rule 521(e).

(2) **Catastrophic Error Determination.** An Exchange Official will determine whether the transaction(s) qualifies as a Catastrophic Error. If it is determined that a Catastrophic Error has occurred, the Exchange Official will adjust the execution price(s) of the transaction(s) according to subparagraph (f)(3) below. If it is determined that a Catastrophic Error has not occurred, the Member requesting the determination will be subject to a charge of \$5,000.

(3) **Adjustment.** If it is determined that a Catastrophic Error has occurred, unless both (all) parties agree to adjust the transaction to a different price, the execution price(s) of the transaction(s) will be adjusted to the Theoretical Price, (i) plus the adjustment value provided below for erroneous buy transactions, and (ii) minus the adjustment value provided for erroneous sell transactions.

Theoretical price	Adjustment Value
Below \$2	\$1
\$2 to \$5	\$2
Above \$5 to \$10	\$3
Above \$10 to \$50	\$5
Above \$50 to \$100	\$7
Above \$100	\$10

(4) **Appeal.** A Member may appeal the Exchange Official's determination to the Chief Regulatory Officer ("CRO") pursuant to paragraph (g) below.

(g) **Request for Review.** If a party affected by a determination made under this Rule so requests within the time permitted, the CRO will review decisions made under this Rule. A request for review under this paragraph must be made within thirty minutes after a party receives official notification of a final determination by the Exchange Official under this Rule, except that if such notification is made after 3:30 p.m. Eastern Time, either party has until 9:30 a.m. Eastern Time on the next trading day to request a review. Such a request for review must be in writing or otherwise documented. The CRO shall review the facts and render a decision on the day of the transaction, or the next trade day in the case where a request is properly made after 3:30 p.m. on the day of the transaction or where the request is properly made the next trade day.

(1) **Absence of the CRO.** In the absence of the CRO, the deputy CRO or designee of the CRO will be appointed to act in this capacity.

(2) **Appeal Fee.** A Member seeking the CRO's review of an Exchange Official ruling shall be assessed a fee of \$250.00 for each Exchange Official ruling to be reviewed that is sustained and not overturned or modified by the CRO.

(3) **Authority of the CRO.** Decisions of the CRO concerning (i) the review of Exchange Official rulings relating to the nullification or adjustment of transactions, and (ii) initial requests for relief shall be final and may not be appealed to the Exchange's Board.

Interpretations and Policies:

.01 For purposes of paragraph (a) of this Rule, the maximum bid/ask spread shall be the standard bid/ask differential as permitted for pre-opening quotes under Rule 603(b)(4), unless a wider spread has been allowed by the Exchange for the option class because of unusual market conditions.

.02 The price to which a transaction is adjusted under paragraph (c)(2) of this Rule will be determined as follows:

(a) the bid price from the exchange disseminating the National Best Bid for the series at the time of the transaction that was the result of an Obvious Error will be used with respect to an erroneous offer price entered on the Exchange, and

(b) the offer price from the exchange disseminating the National Best Offer for the series at the time of the transaction that was the result of an Obvious Error will be used with respect to an erroneous bid price entered on the Exchange. If there are no quotes for comparison purposes, the adjustment price will be determined by an Exchange Official.

.03 For purposes of Rule 521, an "erroneous sell transaction" is one in which the price received by the person selling the option is erroneously low, and an "erroneous buy transaction" is one in which the price paid by the person purchasing the option is erroneously high.

.04 In issuing decisions for the resolution of trading disputes, an Exchange Official shall institute the course of action deemed to be most fair to all parties under the circumstances at the time. An Exchange Official may direct the execution of an order, or adjust the transaction terms or Members to an executed order. An Exchange Official may nullify a transaction if the Exchange Official determines the transaction to have been in violation of the Rules.

.05 All rulings rendered by an Exchange Official or the CRO are effective immediately and must be complied with promptly.

Rule 522. Price Binding Despite Erroneous Report

The price at which an order is executed shall be binding notwithstanding that an erroneous report in respect thereto may have been rendered, or no report rendered. A report shall not be binding if an order was not actually executed but was reported to have been executed.

Rule 523. Authority to Take Action Under Emergency Conditions

(a) The Chairman of the Board, the President or such other person or persons as may be designated by the Board shall have the power to halt or suspend trading in some or all securities traded on the Exchange, to close some or all Exchange facilities, to determine the duration of any such halt, suspension or closing, to take one or more of the actions permitted to be taken by any person or body of the Exchange under Exchange Rules, or to take any other action deemed to be necessary or appropriate for the maintenance of a fair and orderly market or the protection of investors, or otherwise in the public interest, due to emergency conditions or extraordinary circumstances, such as

(1) actual or threatened physical danger, severe climatic conditions, natural disaster, civil unrest, terrorism, acts of war, or loss or interruption of facilities utilized by the Exchange, or (2) a request by a governmental agency or official, or (3) a period of mourning or recognition for a person or event.

(b) The person taking the action shall notify the Board of actions taken pursuant to this Rule, except for a period of mourning or recognition for a person or event, as soon thereafter as is feasible.

Rule 524. Reporting of Matched Trades to Clearing Corporation

On each business day at or prior to such time as may be prescribed by the Clearing Corporation, the Exchange shall furnish the Clearing Corporation a report of each Clearing Member's matched trades based on the trade information filed with the Exchange on that day. Only trades which have been matched in accordance with the provisions of these Rules shall be furnished by the Exchange to the Clearing Corporation, and the Exchange shall assume no responsibility with respect to any unmatched trade or for any delays or errors in the reporting to it of trade information. The Exchange may delegate its responsibility in respect of trade matching to the Clearing Corporation or other facility, in which case Clearing Members shall abide by the procedures established by the Clearing Corporation or other facility in the filing of trade information, the reconciliation of unmatched trades, and other actions pertinent to trade comparison.

Rule 525. Limitation on Dealings

No Member shall bid, offer, purchase or write (sell) on the Exchange any security other than an option contract that is currently open for trading in accordance with the provisions of Chapter IV.

Rule 526. Limitation on the Liability of Index Licensors for Options on Exchange-Traded Fund Shares

(a) The term "index licensor" as used in this Rule refers to any entity that grants the Exchange a license to use one or more indexes or portfolios in connection with the trading of options on Exchange-Traded Fund Shares (as defined in Rule 402(i)).

(b) No index licensor with respect to any index or portfolio underlying an option on Exchange-Traded Fund Shares traded on the Exchange makes any warranty, express or implied, as to the results to be obtained by any person or entity from the use of such index or portfolio, any opening, intra-day or closing value therefor, or any data included therein or relating thereto, in connection with the trading of any option contract on Exchange-Traded Fund Shares based thereon or for any other purpose. The index licensor shall obtain information for inclusion in, or for use in the calculation of, such index or portfolio from sources it believes to be reliable, but the index licensor does not guarantee the accuracy or completeness of such index or portfolio, any opening, intra-day or closing value therefor, or any data included therein or related thereto. The index licensor hereby disclaims all warranties of merchantability or fitness for a particular purpose or use with respect to any such index or portfolio, any opening, intra-day or closing value therefor, any data included therein or relating thereto, or any option contract on Exchange-Traded Fund Shares based thereon. The index licensor shall have no liability for any damages, claims, losses (including any indirect or consequential losses), expenses or delays, whether direct or indirect, foreseen or unforeseen, suffered by any person arising out of any circumstance or occurrence relating to the person's use of such index or portfolio, any opening, intra-day or closing value therefor, any data included therein or relating thereto, or any option contract on Exchange-Traded Fund Shares based thereon, or arising out of any errors or delays in calculating or disseminating such index or portfolio.

Rule 527. Exchange Liability

(a) Except to the extent provided in paragraph (b) of this Rule, and except as otherwise expressly provided in the Rules, neither the Exchange nor its directors, officers, committee members, limited liability company members, employees or agents shall be liable to Members or to persons associated therewith for any loss, expense, damages or claims that arise out of the use or enjoyment of the facilities or services afforded by the Exchange, any interruption in or failure or unavailability of any such facilities or services, or any action taken or omitted to be

taken in respect to the business of the Exchange except to the extent such loss, expense, damages or claims are attributable to the willful misconduct, gross negligence, bad faith or fraudulent or criminal acts of the Exchange or its officers, employees or agents acting within the scope of their authority. Without limiting the generality of the foregoing and subject to the same exception, the Exchange shall have no liability to any person for any loss, expense, damages or claims that result from any error, omission or delay in calculating or disseminating any current or closing index value, any current or closing value of interest rate options, or any reports of transactions in or quotations for options or other securities, including underlying securities. The Exchange makes no warranty, express or implied, as to results to be obtained by any person or entity from the use of any data transmitted or disseminated by or on behalf of the Exchange or any reporting authority designated by the Exchange, including but not limited to reports of transactions in or quotations for securities traded on the Exchange or underlying securities, or reports of interest rate measures or index values or related data, and the Exchange makes no express or implied warranties of merchantability or fitness for a particular purpose or use with respect to any such data. The foregoing limitations of liability and disclaimers shall be in addition to, and not in limitation of, the provisions of the Exchange's By-Laws.

(b) Whenever custody of an unexecuted order or quote is transmitted by a Member to or through the Exchange's System or to any other automated facility of the Exchange whereby the Exchange assumes responsibility for the transmission or execution of the order or quote, provided that the Exchange has acknowledged receipt of such order or quote, the Exchange's liability for the negligent acts or omissions of its employees or for the failure of its systems or facilities shall not exceed the limits provided in this paragraph (b), and no assets of the Exchange shall be applied or shall be subject to such liability in excess of the following limits:

(1) As to any one or more claims made by a single Member growing out of the use or enjoyment of the facilities afforded by the Exchange on a single trading day, the Exchange shall not be liable in excess of the larger of \$100,000 or the amount of any recovery obtained by the Exchange under any applicable insurance maintained by the Exchange;

(2) As to the aggregate of all claims made by all Members growing out of the use or enjoyment of the facilities afforded by the Exchange on a single trading day, the Exchange shall not be liable in excess of the larger of \$250,000 or the amount of the recovery obtained by the Exchange under any applicable insurance maintained by the Exchange;

(3) As to the aggregate of all claims made by all Members growing out of the use or enjoyment of the facilities afforded by the Exchange during a single calendar month, the Exchange shall not be liable in excess of the larger of \$500,000 or the amount of the recovery obtained by the Exchange under any applicable insurance maintained by the Exchange.

(c) If all of the claims arising out of the use or enjoyment of the facilities afforded by the Exchange cannot be fully satisfied because in the aggregate they exceed the applicable maximum amount of liability provided for in paragraph (b) above, then such maximum amount shall be allocated among all such claims arising on a single trading day or during a single calendar month, as applicable, written notice of which has been given to the Exchange no later than the opening of trading on the next business day following the day on which the use or enjoyment of Exchange facilities giving rise to the claim occurred, based upon the proportion that each such claim bears to the sum of all such claims.

Rule 528. Legal Proceedings Against the Exchange and its Directors, Officers, Employees, Contractors or Agents

No Member or person associated with a Member shall institute a lawsuit or other legal proceeding against the Exchange or any director, officer, limited liability company member, employee, contractor, agent or other official of the Exchange or any subsidiary of the Exchange, for actions taken or omitted to be taken in connection with the official business of the Exchange or any subsidiary, except to the extent such actions or omissions constitute violations of the federal securities laws for which a private right of action exists. This provision shall not apply to appeals of disciplinary actions or other actions by the Exchange as provided for in the Rules.

Rule 529. Order Routing to Other Exchanges

The Exchange may automatically route orders to other exchanges under certain circumstances as described below and elsewhere in the rules (“Routing Services”). In connection with such services, the following shall apply:

(a) Routing Services will be provided in conjunction with one or more routing brokers that are not affiliated with the Exchange. For each routing broker used by the Exchange, an agreement will be in place between the Exchange and the routing broker that will, among other things, restrict the use of any confidential and proprietary information that the routing broker receives to legitimate business purposes necessary for routing orders at the direction of the Exchange.

(1) The Exchange shall establish and maintain procedures and internal controls reasonably designed to adequately restrict the flow of confidential and proprietary information between the Exchange and the routing broker, and any other entity, including any affiliate of the routing broker, and, if the routing broker or any of its affiliates engages in any other business activities other than providing routing services to the Exchange, between the segment of the routing broker or affiliate that provides the other business activities and the segment of the routing broker that provides the Routing Services.

(2) The Exchange may not use a routing broker for which the Exchange or any affiliate of the Exchange is the designated examining authority.

(3) The Exchange will provide its Routing Services in compliance with the provisions of the Act and the rules thereunder, including, but not limited to, the requirements in Section 6(b)(4) and (5) of the Act that the rules of a national securities exchange provide for the equitable allocation of reasonable dues, fees and other charges among its Members and other persons using its facilities, and not be designed to permit unfair discrimination between customers, issuers, brokers or dealers.

(4) For all Routing Services, the Exchange will determine the logic that provides when, how, and where orders are routed away to other exchanges.

(5) The routing broker will receive routing instructions from the Exchange, to route orders to other exchanges and report such executions back to the Exchange. The routing broker cannot change the terms of an order or the routing instructions, nor does the routing broker have any discretion about where to route an order.

(6) Any bid or offer entered on the Exchange routed to another exchange through a routing broker that results in an execution shall be binding on the Member that entered such bid/offer.

(b) **Route Mechanisms.** The Route Mechanisms described in this paragraph (b) will be used after the Exchange’s opening process has been completed. Refer to Rule 503 for a description of the route procedure used during the opening process. One of two Route Mechanisms, Immediate Routing or the Route Timer, will be used when a Public Customer order is received that is both routable and marketable against the opposite side ABBO upon receipt and the Exchange’s disseminated market is not equal to the opposite side ABBO, or is equal to the opposite side ABBO and of insufficient size to satisfy the order. The term initiating Public Customer order will be used in the following paragraphs to refer to the Public Customer order being handled by one of the Route Mechanisms. Non-Customer orders, contingent orders, Public Customer orders resting on the book and Do Not Route (“DNR”) orders, as defined in Rule 516(g), are not eligible to be routed.

(1) Immediate Routing.

(i) **Orders Eligible for Immediate Routing.** An initiating Public Customer order is eligible for Immediate Routing if the displayed NBBO was crossed upon receipt of the initiating Public Customer order or if the displayed NBBO was not crossed and the order meets all of the following criteria:

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- (A) the initiating order's limit price crosses the opposite side NBBO;
 - (B) the MBBO is inferior to the NBBO on the opposite side of the market by one Minimum Price Variation (as that term is defined in Rule (510));
 - (C) the initiating order size must be equal to or greater than three times the total size of the away markets represented in the opposite side ABBO;
 - (D) the size of the quotes and orders at the MBBO combined with the total size of the ABBO on the opposite side of the market must be equal to or greater than one half the size of the initiating order;
 - (E) the Exchange's disseminated market must include a bid of greater than zero with a size of greater than zero if the routable order is a sell order; and
 - (F) the size of the Exchange's disseminated market must be equal to or greater than three times the total size of the away markets represented in the opposite side ABBO.

(ii) If an initiating Public Customer order meets all of the criteria set forth above, the System will route ISO orders representing the initiating order to away markets disseminating prices better than the Exchange's disseminated market. The routed order will be priced at the ABBO with a size equal to each ABBO exchange's disseminated size. If there are still additional contracts to be executed from the initiating order after the initiating order has been routed to all away markets disseminating the ABBO for the away markets' full size, the System will handle remaining contracts from the initiating order in accordance with the provisions of Exchange Rule 515.

(2) Route Timer.

(i) For those initiating Public Customer orders that are routable, but do not meet the additional criteria for Immediate Routing, the System will implement a Route Timer not to exceed one second (the duration of the Timer will be announced to Members through a Regulatory Circular), in order to allow Market Makers and other participants an opportunity to interact with the initiating order. Contemporaneously with the start of the Timer, the System will broadcast a Route Notification to subscribers of the Exchange's data feeds, which will include the option contract size and side of the market of the initiating Public Customer order. The System will display and book the initiating order at its limit price, or if the limit price locks or crosses the current opposite side NBBO, display the initiating order one Minimum Price Variation ("MPV") away from the current opposite side NBBO and book the initiating order at a price that will internally lock the current opposite side NBBO. The initiating order will remain available for execution up to its original bid or down to its original offer. If, during the Route Timer, the Exchange receives a new order or quote on the opposite side of the market from the initiating order that can be executed, the System will immediately execute the remaining contracts from the initiating order to the extent possible at the initiating order's current Book bid or offer price, provided that the execution price does not violate the current NBBO. If unexecuted contracts remain from the initiating order, the MBBO will be revised and disseminated to reflect the initiating order's displayed price and remaining size. The Exchange will also display, on the opposite side of the market, its next bid (or offer) as non-firm (or in the absence thereof, a price of zero with a size of zero).

(ii) During the Route Timer, Market Makers may submit quotes and orders at any price level on the same side of the market as the initiating order, and quotes and orders at any price level on the opposite side of the market. Other participants may submit orders at any price level on the same side of the market as the initiating order, and orders at any price level on the opposite side of the market. Marketable orders and quotes on the opposite side of the market from the initiating order will trade immediately upon receipt at the initiating order's current Book bid or offer price, provided that the execution price does not violate the current NBBO.

(iii) Orders (other than IOC, FOK and AOC) and quotes (other than IOC, FOK and AOC eQuotes) on the same side of the market will join the initiating order on the timer. IOC and FOK orders or eQuotes on the same side of the market will be cancelled by the System. AOC orders and eQuotes on the same side of the market

will be rejected by the System. The System will add the new order or quote size to the MBBO size and disseminate the updated MBBO. If the NBBO becomes crossed during the Route Timer, the Route Timer will terminate immediately. At the end of the Route Timer, each same side order or quote will be handled in the order in which it was received by the Exchange. If at any point during the Route Timer the initiating order and all interest on the same side of the market is either traded in full or cancelled in full, or a change in the ABBO would allow the initiating order to trade on the Exchange at the revised NBBO, the Route Timer will be terminated and normal trading will resume.

(iv) **End of the Route Timer.** At the end of the Route Timer, the System will route ISO orders representing the initiating order's remaining contracts to away markets disseminating the ABBO. The System will price the routed order at the opposite side ABBO with a size equal to each exchange's disseminated ABBO size as needed. If there are still additional contracts to be executed from the initiating order after the ISO orders have been routed to the away markets disseminating the ABBO for the away markets' full size, the System will handle remaining interest from the initiating order in accordance with the provisions of Exchange Rule 515.

CHAPTER VI. MARKET MAKERS

Rule 600. Registration of Market Makers

(a) A Market Maker is a Member with Registered Options Traders registered pursuant to Rule 601. Market Makers are registered with the Exchange for the purpose of making transactions as dealer-specialist in accordance with the provisions of this Chapter. Members registered as Market Makers have certain rights and bear certain responsibilities beyond those of other Members. All Market Makers are designated as specialists on the Exchange for all purposes under the Exchange Act and the rules and regulations thereunder.

(b) To register as a Lead Market Maker or as a Registered Market Maker, a Member shall file an application in writing on such forms as the Exchange may prescribe. Applications shall be reviewed by the Exchange, which shall consider an applicant's market making ability and such other factors as the Exchange deems appropriate. After reviewing the application, the Exchange shall either approve or disapprove the applicant's registration as a Lead Market Maker or as a Registered Market Maker. Once approved, a Lead Market Maker may apply to the Exchange to be considered for appointment as a Primary Lead Market Maker in one or more option classes traded on the Exchange. The appointment of a Primary Lead Market Maker shall be in accordance with Rule 602.

(c) The registration of any Member as a Lead Market Maker, Primary Lead Market Maker, or as a Registered Market Maker may be suspended or terminated by the Exchange upon a determination that such Member has failed to properly perform as a Market Maker.

(d) These Rules place no limit on the number of qualifying entities that may become Market Makers. However, based on system constraints, capacity restrictions or other factors relevant to protecting the integrity of the System, the Board or its designee may limit access to the System, for a period to be determined in the Board's discretion, pending any action required to address the issue of concern to the Board. To the extent that the Board places permanent limitations on access to the System on any Member(s), such limits shall be objectively determined and submitted to the Commission for approval pursuant to a rule change filing under Section 19(b) of the Exchange Act.

Rule 601. Registered Option Traders

(a) Market Maker quotations and orders may be submitted to the System only by Registered Option Traders ("ROTs"). An ROT is permitted to enter quotes and orders only for the account of the Market Maker with which he is associated.

(b) **Registration of Registered Option Traders.** The Exchange may, upon receiving an application in writing from a Market Maker on a form prescribed by the Exchange, approve a person as an ROT.

(1) ROTs may be: (i) individual Members registered with the Exchange as Market Makers, or (ii) officers, partners, employees or associated persons of Members that are registered with the Exchange as Market Makers.

(2) To be approved as an ROT, a person must demonstrate knowledge of the Rules by passing an examination prescribed by the Exchange in accordance with Rule 203(a).

(3) The Exchange may require a Market Maker to provide additional information the Exchange considers necessary to establish whether a person should be approved.

(4) A person may be conditionally approved as an ROT subject to any conditions the Chief Regulatory Officer considers appropriate in the interests of maintaining a fair and orderly market.

(c) Suspension or Withdrawal of Registration.

(1) The Exchange may suspend or withdraw the registration previously given to a person to be an ROT if the Exchange determines that:

- (i) the person has caused the Market Maker to fail to comply with the Rules;
- (ii) the person is not properly performing the responsibilities of an ROT;
- (iii) the person has failed to meet the conditions set forth under paragraph (b) above; or
- (iv) the Exchange believes it is in the best interest of fair and orderly markets.

(2) If the Exchange suspends the registration of a person as an ROT, the Market Maker must not allow the person to submit quotes and/or orders into the System.

(3) The registration of an ROT will be withdrawn upon the written request of the Member for which the ROT is registered. Such written request shall be submitted on the form prescribed by the Exchange.

Rule 602. Appointment of Market Makers

(a) **Appointment by the Exchange.** The Board or a committee designated by the Board shall appoint Market Makers to one or more classes of option contracts traded on the Exchange. In making such appointments the Board or designated committee shall consider

- (1) the financial resources available to the Market Maker,
- (2) the Market Maker's experience and expertise in market making or options trading,
- (3) the preferences of the Market Maker to receive appointment(s) in specific option class(es), and
- (4) the maintenance and enhancement of competition among Market Makers in each class of option contracts to which they are appointed.

The Board or designated committee shall make appointments in the best interest of the Exchange to provide competitive markets.

(b) **Allocation of Option Classes.** The Board or designated committee (1) will allocate options classes and make appointments of Primary Lead Market Makers, Lead Market Makers and Registered Market Makers to those classes, and (2) upon prior written notice, may limit the number of Market Makers in a class of option contracts traded on the Exchange as set forth in Rule 602(c).

(c) Number of Market Makers Quoting per Class.

(1) The Board or designated committee shall appoint one (1) Primary Lead Market Maker to each options class traded on the Exchange.

(2) The Exchange will impose an upper limit on the aggregate number of Market Makers that may quote in each class of options ("Class Quoting Limit" or "CQL"). Currently, the CQL is set at fifty (50) Market Makers per option class.

Market Makers requesting an appointment in a class of options will be considered for the appointment in accordance with paragraphs (a), (b) and (f) of this Rule 602 provided the number of Market Makers appointed in the options class does not exceed the CQL. When the number of Market Makers appointed in the options class

equals the CQL, all other Market Makers requesting to be appointed in that options class will be wait-listed in the order in which they submitted their request. When the options class can accommodate another Market Maker (whether due to attrition or an increase in the CQL), the Market Maker at the “top” of the list (*i.e.*, the Market Maker that has been on the wait-list the longest amount of time) will be considered for the next appointment in accordance with paragraphs (a), (b) and (f) of this Rule 602. The Board or designated committee shall make appointments in the best interest of the Exchange to provide competitive markets. If a wait-listed Market Maker is offered, yet refuses, an appointment in the option class, the Market Maker will be removed from that wait list.

(3) The President of the Exchange (or in his absence his designee, who must be a Senior Vice President of the Exchange or higher) may increase the CQL for an existing or new option class if the President determines that it would be appropriate. The President (or his designee), in his discretion, may determine to reduce the CQL (“reduced CQL”) if the President determines that it would be appropriate, provided, however, that any reduction must be undertaken in accordance with the following procedure. If a Market Maker changes its registration and ceases quoting in that class after the President (or his designee) has determined to decrease the CQL, the “increased” CQL will decrease by one until such time that the number of remaining Market Makers quoting in the option class equals the “reduced CQL.” From that point forward, the number of Market Makers quoting in the product may not exceed the “reduced CQL.” Any actions taken by the President of the Exchange pursuant to this paragraph will be submitted to the Commission in a rule filing pursuant to Section 19(b)(3)(A) of the Exchange Act.

(4) The Exchange will announce all changes regarding Class Quoting Limits through a Regulatory Circular. The Exchange may increase the CQL levels by submitting to the Commission a rule filing pursuant to Section 19(b)(3)(A) of the Exchange Act. The Exchange may decrease the CQL levels established above upon Commission approval of a rule filing submitted pursuant to Section 19(b)(2) of the Exchange Act.

(d) No appointment of a Market Maker shall be without the Market Maker’s consent to such appointment, provided that refusal to accept an appointment may be deemed sufficient cause for termination or suspension of a Market Maker’s registration.

(e) The Board or designated committee may suspend or terminate any appointment of a Market Maker under this Rule and may make additional appointments or change the option classes included in a Market Maker’s appointed classes whenever, in the Board’s or designated committee’s judgment, the interests of a fair and orderly market are best served by such action.

(f) The Exchange shall periodically conduct an evaluation of Market Makers to determine whether they have fulfilled performance standards relating to, among other things, quality of markets, competition among Market Makers, observance of ethical standards, and administrative factors. The Exchange may consider any relevant information, including but not limited to the results of a Market Maker evaluation questionnaire, trading data, a Market Maker’s regulatory history and such other factors and data as may be pertinent in the circumstances. Failure by a Market Maker to meet minimum performance standards may result in, among other things:

(1) suspension, termination or restriction of an appointment to one or more of the options classes within the Market Maker’s appointed classes;

(2) restriction of appointments to additional options classes in the Market Maker’s appointed classes; or

(3) suspension, termination, or restriction of the Market Maker’s registration.

Interpretations and Policies:

.01 A Member that is approved to act in the capacity of a Lead Market Maker may voluntarily be appointed to act as an “Alternative Primary Lead Market Maker,” so long as the Exchange has determined that such Member has the appropriate systems and procedures in place to undertake the responsibilities of a Primary Lead Market Maker.

(a) The Exchange may appoint an Alternative Primary Lead Market Maker to an options class only in the event that no Primary Lead Market Makers seek allocation of the security.

(b) If no Primary Lead Market Makers seek allocation of an options class, all eligible Lead Market Makers will be given notice and an opportunity to seek allocation of the security as an Alternative Primary Lead Market Maker. Such allocations will be made by the Board or committee designated by the Board according to the guidelines contained in Rule 602.

(c) An Alternative Primary Lead Market Maker shall have all of the responsibilities and privileges of a Primary Lead Market Maker under the Rules with respect to all appointed options classes in which the Lead Market Maker has been appointed Alternative Primary Lead Market Maker.

(d) If an Alternative Primary Lead Market Maker ceases trading an options class in which a Lead Market Maker has been appointed Alternative Primary Lead Market Maker, the class will be reallocated by the Exchange to a Lead Market Maker or another Alternative Lead Market Maker, as appropriate.

Rule 603. Obligations of Market Makers

(a) **General.** Transactions of a Market Maker should constitute a course of dealings reasonably calculated to contribute to the maintenance of a fair and orderly market, and Market Makers should not make bids or offers or enter into transactions that are inconsistent with such a course of dealings. Ordinarily, Market Makers are expected to, except in unusual market conditions, refrain from purchasing a call option or a put option at a price more than \$0.25 below parity, although a larger amount may be appropriate considering the particular market conditions. In the case of calls, parity is measured by the bid in the underlying security, and in the case of puts, parity is measured by the offer in the underlying security. The \$0.25 amount above may be increased or provisions of this Rule may be waived by the Exchange on a series-by-series basis.

(b) **Appointment.** With respect to each options class to which a Market Maker is appointed under Rule 602, the Market Maker has a continuous obligation to engage, to a reasonable degree under the existing circumstances, in dealings for his own account when there exists, or it is reasonably anticipated that there will exist, a lack of price continuity, a temporary disparity between the supply of and demand for a particular option contract, or a temporary distortion of the price relationships between option contracts of the same class. Without limiting the foregoing, a Market Maker is expected to perform the following activities in the course of maintaining a fair and orderly market:

(1) To compete with other Market Makers to improve the market in all series of options classes to which the Market Maker is appointed.

(2) To make markets that, absent changed market conditions, will be honored for the number of contracts entered into the System in all series of options classes to which the Market Maker is appointed.

(3) To update market quotations in response to changed market conditions in all series of options classes to which the Market Maker is appointed.

(4) To price option contracts fairly by, among other things, bidding and offering so as to create differences of no more than \$5 between the bid and offer following the opening rotation in an equity option contract. Prior to the opening rotation, bid/ask differentials shall be no more than \$.25 between the bid and offer for each option contract for which the bid is less than \$2, no more than \$.40 where the bid is at least \$2 but does not exceed \$5, no more than \$.50 where the bid is more than \$5 but does not exceed \$10, no more than \$.80 where the bid is more than \$10 but does not exceed \$20, and no more than \$1 where the bid is more than \$20, provided that the Exchange may establish differences other than the above for one or more option series or classes.

(5) The bid/ask differentials stated in subparagraph (b)(4) of this Rule shall not apply to in-the-money options where the underlying security's market is wider than the differentials set forth above. For these options, the bid/ask differential may be as wide as the quotation on the primary market of the underlying security.

(c) **Lead Market Makers.** In addition to the obligations contained in this Rule for Market Makers generally, for options classes to which a Market Maker is an appointed Lead Market Maker, it shall have the responsibility to submit valid width quotes in each series during the Opening Process pursuant to Rule 503.

(d) **Classes of Options To Which Not Appointed.** With respect to classes of options to which a Market Maker is not appointed, it should not engage in transactions for an account in which it has an interest that are disproportionate in relation to, or in derogation of, the performance of his obligations as specified in paragraph (b) above with respect to those classes of options to which it is appointed. Market Makers should not:

(1) Individually or as a group, intentionally or unintentionally, dominate the market in options contracts of a particular class, or

(2) Effect purchases or sales on the Exchange except in a reasonable and orderly manner.

Rule 604. Market Maker Quotations

(a) **Options Classes.** A quotation may only be entered by a Market Maker, and only in the options classes to which the Market Maker is appointed under Rule 602.

(b) **Price and Size Associated with Quotes.** A Market Maker's bid and offer for a series of option contracts shall state a price accompanied by the number of contracts at that price the Market Maker is willing to buy or sell upon receipt of an order or upon interaction with a quotation entered by another Market Maker on the Exchange.

(1) **Price.** The price of Market Maker quotes shall be in the minimum trading increments applicable to the security under Rule 510; provided that, with respect to any security designated by the Exchange as available for non-displayed penny orders under Rule 516(b)(3), Market Maker quotes may be in one-cent increments. In such designated securities, quotes entered in one-cent increments will be firm as provided in paragraph (d) below, but shall only be displayed to Members and the public at the Minimum Price Variation (MPV) for the security. The displayed price of such quotes will be the closest MPV that is higher for offers and the closest MPV that is lower for bids.

(2) **Size.** The initial size of a Market Maker incoming Standard Quote, Day eQuote and all other types of eQuotes must be for the minimum number of contracts, which minimum number shall be at least one (1) contract. The minimum number of contracts, which can vary according to type of quote or eQuote, shall be at least one (1) contract, will be determined by the Exchange on a class-by-class basis and announced to the Members through a Regulatory Circular.

(c) **Two-Sided Quotes.** A Market Maker that enters a bid (offer) on the Exchange must enter an offer (bid) within the spread allowable under Rule 603(b)(4).

(d) **Firm Quotes.**

(1) Market Maker bids and offers are firm for orders and Market Maker quotations both under this Rule and Rule 602 of Regulation NMS under the Exchange Act ("Rule 602 of Reg NMS") for the number of contracts specified according to the requirements of paragraph (b) above. Market Maker bids and offers are not firm under this Rule and Rule 602 of Reg NMS if:

(i) a System malfunction or other circumstance impairs the Exchange's ability to disseminate or update market quotes in a timely and accurate manner.

(ii) the level of trading activities or the existence of unusual market conditions is such that the Exchange is incapable of collecting, processing, and making available to quotation vendors the data for the option

in a manner that accurately reflects the current state of the market on the Exchange, and as a result, the market in the option is declared to be “fast” pursuant to Rule 506.

(iii) during trading rotations; or

(iv) any of the circumstances provided in paragraph (c)(4) of Rule 602 of Reg NMS exist.

(e) **Continuous Quotes.** The following quoting requirements shall apply:

(1) Primary Lead Market Makers

(i) A Primary Lead Market Maker must participate in the opening rotation and enter into any transactions resulting from its participation. Thereafter, a Primary Lead Market Maker must provide continuous two-sided Standard quotes and/or Day eQuotes, which for the purpose of this paragraph shall mean 99% of the time, for the options classes to which it is appointed.

(ii) A Primary Lead Market Maker must provide continuous two-sided Standard quotes and/or Day eQuotes throughout the trading day in the lesser of 99% of the series, or 100% of the series minus one put-call pair, in each class in which the Primary Lead Market Maker is assigned. Such quotations must meet the bid/ask differential requirements of Rule 603(b)(4). These obligations will be applied on a class-by-class basis for each Primary Lead Market Maker.

(iii) If a technical failure or limitation of a system of the Exchange prevents a Primary Lead Market Maker from maintaining, or prevents a Primary Lead Market Maker from communicating to the Exchange, timely and accurate electronic quotes in a class, the duration of such failure shall not be considered in determining whether the Primary Lead Market Maker has satisfied the quoting standard with respect to that option class. The Exchange may consider other exceptions to this continuous electronic quote obligation based on demonstrated legal or regulatory requirements or other mitigating circumstances.

(2) Lead Market Makers

(i) A Lead Market Maker must participate in the opening rotation and enter into any transactions resulting from its participation. Thereafter, a Lead Market Maker must provide continuous two-sided Standard quotes and/or Day eQuotes, which for the purpose of this paragraph shall mean 90% of the time, for the options classes to which it is appointed.

(ii) A Lead Market Maker must provide continuous two-sided Standard quotes and/or Day eQuotes throughout the trading day in 90% of the series in each of its appointed classes. Such quotations must meet the bid/ask differential requirements of Rule 603(b)(4). These obligations will be applied on a class-by-class basis for each Lead Market Maker.

(iii) If a technical failure or limitation of a system of the Exchange prevents a Lead Market Maker from maintaining, or prevents a Lead Market Maker from communicating to the Exchange, timely and accurate electronic quotes in a class, the duration of such failure shall not be considered in determining whether the Lead Market Maker has satisfied the quoting standard with respect to that option class. The Exchange may consider other exceptions to this continuous electronic quote obligation based on demonstrated legal or regulatory requirements or other mitigating circumstances.

(3) Registered Market Makers.

(i) A Registered Market Maker must provide continuous two-sided Standard quotes and/or Day eQuotes throughout the trading day in 60% of the non-adjusted series that have a time to expiration of less than nine months in each of its appointed classes. For the purpose of this paragraph, continuous two-sided quoting shall mean 90% of the time, for the options classes to which the Registered Market Maker is appointed. Such quotations

must meet the bid/ask differential requirements of Rule 603(b)(4). These obligations will be applied on a class-by-class basis for each Registered Market Maker.

(ii) If a technical failure or limitation of a system of the Exchange prevents a Market Maker from maintaining, or prevents a Market Maker from communicating to the Exchange, timely and accurate electronic quotes in a class, the duration of such failure shall not be considered in determining whether the Market Maker has satisfied the 60% quoting standard with respect to that option class. The Exchange may consider other exceptions to this continuous electronic quote obligation based on demonstrated legal or regulatory requirements or other mitigating circumstances.

(iii) A Registered Market Maker may be called upon by an Exchange official designated by the Board to submit a single quote or maintain continuous quotes in one or more of the series of an options class to which the Registered Market Maker is appointed whenever, in the judgment of such official, it is necessary to do so in the interest of fair and orderly markets.

(iv) Notwithstanding the foregoing, Registered Market Makers shall be deemed not to be assigned in any Quarterly Option Series. Accordingly, the continuous quoting obligations set forth in this Rule shall not apply to Registered Market Makers with respect to Quarterly Option Series.

(f) Temporary Withdrawal of Quotations by the Primary Lead Market Maker. A Primary Lead Market Maker may apply to the Exchange to withdraw temporarily from its Primary Lead Market Maker status in an options class. The Primary Lead Market Maker must base its request on demonstrated legal or regulatory requirements that necessitate its temporary withdrawal, or provide the Exchange an opinion of counsel certifying that such legal or regulatory basis exists. The Exchange will act promptly on such a request, and, if the request is granted, the Exchange will temporarily reassign the options class to another Primary Lead Market Maker.

Rule 605. Market Maker Orders

(a) Options Classes to Which Appointed. Market Makers may place principal orders to buy or sell options in the options classes to which they are appointed under Rule 602, including day limit orders, opening orders (“OPG”), auction or cancel orders (“AOC”) orders, immediate-or-cancel orders, and fill-or-kill orders. Market Makers may not enter market orders or good ‘til cancelled orders (“GTC”) in their assigned classes. Registered Market Makers shall comply with the provisions of Rule 604(e)(2)(i) upon the entry of such orders if they were not previously quoting in the series.

(b) Options Classes Other Than Those to Which Appointed.

(1) Except for market orders, a Market Maker may enter all other order types permitted to be entered by Non-Customer participants under the Rules when the Market Maker is seeking to buy or sell options in classes of options listed on the Exchange to which the Market Maker is not appointed under Rule 602.

(2) **Registered Market Makers.** The total number of contracts executed during a quarter by a Registered Market Maker in options classes to which it is not appointed may not exceed twenty-five percent (25%) of the total number of contracts traded by such Registered Market Maker in classes to which it is appointed and with respect to which it was quoting pursuant to Rule 604(e) in any calendar quarter. Also included in this 25% limitation are contracts executed in the Registered Market Maker’s appointed classes that result from the execution of an order submitted by the Registered Market Maker.

(3) **Lead Market Makers.** The total number of contracts executed during a quarter by a Lead Market Maker (including those Lead Market Makers appointed as Primary Lead Market Makers) in options classes to which it is not appointed may not exceed ten percent (10%) of the total number of contracts traded by such Lead Market Maker in classes to which it is appointed and with respect to which it was quoting pursuant to Rule 604(e)(1). Also included in this 10% limitation are contracts executed in the Lead Market Maker’s appointed classes that result from the execution of an order submitted by the Lead Market Maker.

(c) **Priority of Market Maker Orders.** In accordance with Rule 514, executions resulting from Market Maker orders will always be allocated with other Professional Interest (such as orders from broker-dealers, firms, non-Priority Customers and non-priority Market Maker quotes) and after both Priority Customer interest and priority Market Maker quotes (as described in Rule 517) have been satisfied.

Rule 606. Trade Reporting and Comparison

The details of each trade executed on the Exchange are automatically reported at the time of execution. Members need not separately report their transactions for trade comparison purposes.

Rule 607. Securities Accounts and Orders of Market Makers

(a) **Identification of Accounts.** In a manner prescribed by the Exchange, each Market Maker shall file with the Exchange and keep current a list identifying all accounts for stock, options, non-U.S. currency, non-U.S. currency options, futures or options on futures on such currency, or any other derivatives based on such currency, physical commodities, physical commodity options, commodity futures contracts, options on commodity futures contracts, any other derivatives based on such commodity and related securities trading in which the Market Maker may, directly or indirectly, engage in trading activities or over which it exercises investment discretion. No Market Maker shall engage in stock, options, non-U.S. currency, non-U.S. currency options, futures or options on futures on such currency, or any other derivatives based on such currency, physical commodities, physical commodity options, commodity futures contracts, options on commodity futures contracts, any other derivatives based on such commodity or related securities trading in an account which has not been reported pursuant to this Rule. In addition, Market Makers in options on Exchange-Traded Fund Shares, as defined in Rule 402(i), are obligated to conduct all trading in the Exchange-Traded Fund Shares in account(s) that have been reported to the Exchange.

(b) **Reports of Orders.** Each Market Maker shall in the prescribed form, report to the Exchange every order entered by the Market Maker for the purchase or sale of (i) a security underlying options traded on the Exchange, or (ii) a security convertible into or exchangeable for such underlying security, as well as opening and closing positions in all such securities held in each account reported pursuant to paragraph (a) of this Rule. The report pertaining to orders must include the terms of each order, identification of the brokerage firms through which the orders were entered, the times of entry or cancellation, the times report of execution were received and, if all or part of the order was executed, the quantity and execution price.

(c) **Joint Accounts.** No Market Maker shall, directly or indirectly, hold any interest or participate in any joint account for buying or selling any option contract unless each participant in such joint account is a Member and unless such account is reported to and not disapproved by the Exchange. Such reports in a form prescribed by the Exchange shall be filed with the Exchange before any transaction is effected on the Exchange for such joint account. A participant in a joint account must:

- (1) Be either a Market Maker or a Clearing Member that carries the joint account;
- (2) File and keep current a completed application on such form as is prescribed by the Exchange;
- (3) Be jointly and severally responsible for assuring that the account complies with all the Rules; and

(4) Not be a Market Maker appointed to the same options classes to which the joint account holder is also appointed as a Market Maker.

Rule 608. Letters of Guarantee

(a) **Required of Each Market Maker.** No Market Maker shall make any transactions on the Exchange unless a Letter of Guarantee has been issued for such Member by a Clearing Member and filed with the Exchange, and unless such Letter of Guarantee has not been revoked pursuant to paragraph (c) of this Rule.

(b) **Terms of Letter of Guarantee.** A Letter of Guarantee shall provide that the issuing Clearing Member accepts financial responsibilities for all Exchange Transactions made by the guaranteed Member.

(c) **Revocation of Letter of Guarantee.** A Letter of Guarantee filed with the Exchange shall remain in effect until a written notice of revocation has been filed with the Exchange. A revocation shall in no way relieve a Clearing Member of responsibility for transactions guaranteed prior to the effective date of such revocation.

Rule 609. Financial Requirements for Market Makers

(a) **Primary Lead Market Makers.** Every Primary Lead Market Maker shall maintain net liquidating equity of not less than \$5,000,000.

(b) **Lead Market Makers.** Every Lead Market Maker shall maintain net liquidating equity of not less than \$1,500,000.

(c) **Registered Market Makers.** Every Registered Market Maker shall maintain net liquidating equity of not less than \$500,000.

(d) Each Market Maker which is a Clearing Member shall also maintain net capital sufficient to comply with the requirements of the Clearing Corporation and Exchange Act Rule 15c3-1. This equity requirement, as well as all other provisions of the section (including capital maintenance requirements), applies to each Market Maker account, without regard to the number of Market Maker accounts per firm.

(e) The term “net liquidating equity” means the sum of positive cash balances and long securities positions less negative cash balances and short securities positions.

Rule 610. Limitations on Dealings

(a) **General Rule.** A Market Maker on the Exchange may engage in Other Business Activities, or it may be affiliated with a broker-dealer that engages in Other Business Activities, only if there is an Information Barrier between the market making activities and the Other Business Activities. “Other Business Activities” means:

- (1) conducting an investment banking or public securities business;
- (2) making markets in the stocks underlying the options in which it makes markets;
- (3) handling listed options orders as agent on behalf of Public Customers or broker-dealers; or
- (4) conducting non-market making proprietary listed options trading activities.

(b) **Information Barrier.** For the purposes of this Rule, an Information Barrier is an organizational structure in which:

(1) The market making functions are conducted in a physical location separate from the locations in which the Other Business Activities are conducted, in a manner that effectively impedes the free flow of communications between ROTs and persons conducting the Other Business Activities. However, upon request and not on his own initiative, an ROT performing the function of a Market Maker may furnish to a person performing the function of an Electronic Exchange Member or other persons at the same firm or an affiliated firm (“affiliated persons”), the same sort of market information that the ROT would make available in the normal course of its market making activity to any other person. The ROT must provide such information to affiliated persons in the same manner that he would make such information available to a non-affiliated person.

(2) There are procedures implemented to prevent the use of material non-public corporate or market information in the possession of persons on one side of the barrier from influencing the conduct of persons on the other side of the barrier. These procedures, at a minimum, must provide that:

(i) the ROT performing the function of a Market Maker does not take advantage of knowledge of pending transactions, order flow information, corporate information or recommendations arising from the Other Business Activities.

(ii) all information pertaining to the Market Maker's positions and trading activities is kept confidential and not made available to persons on the other side of the Information Barrier except as provided in subparagraph (b)(1) above.

(3) Persons on one side of the barrier may not exercise influence or control over persons on the other side of the barrier, provided that:

(i) the market making function and the Other Business Activities may be under common management as long as any general management oversight does not conflict with or compromise the Market Maker's responsibilities under the Rules.

(ii) the same person or persons (the "Supervisor") may be responsible for the supervision of the market making and Electronic Exchange Member functions of the same firm or affiliated firms in order to monitor the overall risk exposure of the firm or affiliated firms. While the Supervisor may establish general trading parameters with respect to both market making and other proprietary trading other than on an order specific basis, the Supervisor may not:

(A) actually perform the function either of Market Maker or Electronic Exchange Member;

(B) provide to any person performing the function of an Electronic Exchange Member any information relating to market making activity beyond the information that an ROT performing the function of a Lead Market Maker may provide under subparagraph (b)(1) above; nor

(C) provide an ROT performing the function of Market Maker with specific information regarding the firm's pending transactions or order flow arising out of its Electronic Exchange Member activities.

(c) Documenting and Reporting of Information Barrier Procedures. A Member implementing an Information Barrier pursuant to this Rule shall submit to the Exchange a written statement setting forth:

(1) The manner in which it intends to satisfy the conditions in paragraph (b) of this Rule, and the compliance and audit procedures it proposes to implement to ensure that the Information Barrier is maintained.

(2) The names and titles of the person or persons responsible for maintenance and surveillance of the procedures.

(3) A commitment to provide the Exchange with such information and reports as the Exchange may request relating to its transactions.

(4) A commitment to take appropriate remedial action against any person violating this Rule or the Member's internal compliance and audit procedures adopted pursuant to subparagraph (c)(1) of this Rule, and that it recognizes that the Exchange may take appropriate remedial action, including (without limitation) reallocation of securities in which it serves as a Market Maker, in the event of such a violation.

(5) Whether the Member or an affiliate intends to clear its proprietary trades and, if so, the procedures established to ensure that information with respect to such clearing activities will not be used to compromise the

Member's Information Barrier, which procedures, at a minimum, must be the same as those used by the Member or the affiliate to clear for unaffiliated third parties.

(6) That it recognizes that any trading by a person while in possession of material, non-public information received as a result of the breach of the internal controls required under this Rule may be a violation of Rules 10b-5 and 14e-3 under the Exchange Act or one or more other provisions of the Exchange Act, the rules thereunder or the Rules, and that the Exchange intends to review carefully any such trading of which it becomes aware to determine whether a violation has occurred.

(d) **Exchange Approval of Information Barrier Procedures.** The written statement required by paragraph (c) of this Rule must detail the internal controls that the Member will implement to satisfy each of the conditions stated in that Rule, and the compliance and audit procedures proposed to implement and ensure that the controls are maintained. If the Exchange determines that the organizational structure and the compliance and audit procedures proposed by the Member are acceptable under this Rule, the Exchange shall so inform the Member, in writing. Absent the Exchange finding a Member's Information Barrier procedures acceptable, a Market Maker may not conduct Other Business Activities.

(e) **Clearing Arrangements.** Subparagraph (c)(5) permits a Member or an affiliate of the Member to clear the Member's Market Maker transactions if it establishes procedures to ensure that information with respect to such clearing activities will not be used to compromise the Information Barrier. In this regard:

(1) The procedures must provide that any information pertaining to Market Maker securities positions and trading activities, and information derived from any clearing and margin financing arrangements, may be made available only to those employees (other than employees actually performing clearing and margin functions) specifically authorized under this Rule to have access to such information or to other employees in senior management positions who are involved in exercising general managerial oversight with respect to the market making activity.

(2) Any margin financing arrangements must be sufficiently flexible so as not to limit the ability of any Market Maker to meet market making or other obligations under the Exchange's Rules.

(f) **Exceptions to the Information Barrier Requirement.**

(1) A Market Maker shall be exempt from paragraph (a)(3) of this Rule to the extent the Market Maker complies with the following conditions:

(i) such Member handles orders as agent only for the account of entities that are affiliated with the Member and solely in options classes to which the Member is not appointed as a Market Maker pursuant to Rule 602 or in which the Member is prohibited from acting as a Market Maker pursuant to regulatory requirements; or

(ii) such Market Maker handles orders as agent solely with respect to a Directed Order Program, as defined in Interpretations and Policies .01 below.

(2) A Market Maker shall be exempt from paragraph (a)(4) of this Rule to the extent the Member, or a broker-dealer with which such Member is affiliated:

(i) engages solely in proprietary trading and does not, under any circumstances, maintain customer accounts or solicit or accept orders or funds from or on behalf of Public Customers or broker-dealers; and

(ii) does not participate in any Directed Order Programs, as defined in Interpretations and Policies .01 below, or utilize any other order types which call for the participation of, or interaction with, Public Customers or broker-dealers.

Interpretations and Policies:

.01 For purposes of paragraph (f)(1)(ii) and (f)(2)(ii) of Rule 610 only, a Directed Order Program means rules of an options exchange that (a) permit an options market maker to handle orders directed to it anonymously through an exchange system; (b) require the market maker to accept directed orders from all sources eligible to direct orders using such exchange system; and (c) require the options market maker to execute such directed orders on such exchange under specified order handling procedures. A Directed Order Program shall not include any rules of an exchange that permit a market maker to accept orders directly, without being routed through an exchange system, from customers or another broker-dealer, nor any rules or system that allows a market maker to handle orders on a disclosed or discretionary basis.

Rule 611. Financial Arrangements of Market Makers

Each Market Maker who makes an arrangement to finance its transactions as a Market Maker must identify to the Exchange the source of the financing and its terms. The Exchange must be informed immediately of the intention of any party to terminate or change any such arrangement

Rule 612. Aggregate Risk Manager (ARM)

(a) The MIAX System will maintain a counting program ("counting program") for each Market Maker who is required to submit continuous two-sided quotations pursuant to Rule 604 in each of their assigned option classes. The counting program will count the number of contracts traded by a Market Maker in an assigned option class within a specified time period that has been established by the Market Maker (the "specified time period"). The specified time period cannot exceed 15 seconds. The Market Maker will also establish for each option class an Allowable Engagement Percentage that cannot be less than 100%. When an execution of a Market Maker's Standard quote or Day eQuote occurs, the System will look back over the specified time period to determine whether the execution triggers the Aggregate Risk Manager.

(b) (1) **Aggregate Risk Manager.** The System will engage the Aggregate Risk Manager in a particular option class when the counting program has determined that a Market Maker has traded during the specified time period a number of contracts equal to or above their Allowable Engagement Percentage. The Aggregate Risk Manager will then automatically remove the Market Maker's quotations from the Exchange's disseminated quotation in all series of that particular option class until the Market Maker submits a new revised quotation. When the Market Maker revises his/her quotation on the buy side or sell side of an individual option, that side of the individual option will not be included in the Allowable Engagement Percentage and Net Offset calculations until it trades again.

(2) **Allowable Engagement Percentage.** To determine whether the Market Maker's executed contracts is equal to or above their Allowable Engagement Percentage the following will occur:

(i) for each individual option in a class, the counting program will determine the percentage that the number of contracts executed in that individual option represents relative to the Market Maker's disseminated Standard quote and/or Day eQuote in that individual option ("option percentage"); and

(ii) the counting program will combine the individual option percentages to determine the option class percentage ("class percentage"). When the class percentage equals or exceeds the Market Maker's Allowable Engagement Percentage the Aggregate Risk Manager will remove the Market Maker's quotations as described above.

(3) **Net Offset.** The number of contracts executed in an option class will be automatically offset by the number of contracts that are executed on the opposite side of the market in the same option class during the specified time period (the "Net Offset"). Long call positions will only be offset by short call positions, and long put positions will only be offset by short put positions. The option percentage will be determined based on the number of executed contracts after the Net Offset process has occurred.

(c) All of a Market Maker's quotes in each option class will be considered firm until such time as the Allowable Engagement Percentage threshold has been equaled or crossed and the Market Maker's quotes are removed by the Aggregate Risk Manager in all series of that option class. Any marketable orders, or quotes that are executable against a Market Maker's disseminated quotation that are received prior to the time the Aggregate Risk Manager is engaged will be automatically executed at the disseminated price up to the Market Maker's disseminated size, regardless of whether such an execution results in executions in excess of the Market Maker's Allowable Engagement Percentage.

(d) In the event that the last Market Maker's quote is removed by the Aggregate Risk Manager, there are no other Market Makers quoting in the particular option class or individual option and there are no orders on the Book, the Exchange will disseminate a bid price of \$0.00, with a size of zero contracts and/or an offer price of \$0.00, with a size of zero contracts.

CHAPTER VII. EXERCISES AND DELIVERIES

Rule 700. Exercise of Option Contracts

(a) Subject to the restrictions set forth in Rule 309 (Exercise Limits) and to such restrictions as may be imposed pursuant to Rule 313 (Other Restrictions on Options Transactions and Exercises) or pursuant to the Rules of the Clearing Corporation, an outstanding option contract may be exercised during the time period specified in the Rules of the Clearing Corporation by the tender to the Clearing Corporation of an exercise notice in accordance with the Rules of the Clearing Corporation. An exercise notice may be tendered to the Clearing Corporation only by the Clearing Member in whose account such option contract is carried with the Clearing Corporation. Members may establish fixed procedures as to the latest time they will accept exercise instructions from customers.

(b) Special procedures apply to the exercise of equity options on the last business day before their expiration ("expiring options"). Unless waived by the Clearing Corporation, expiring options are subject to the Exercise-by-Exception ("Ex-by-Ex") procedure under Clearing Corporation Rule 805. This Rule provides that, unless contrary instructions are given, option contracts that are in-the-money by specified amounts shall be automatically exercised. In addition to the Rules of the Clearing Corporation, the following Exchange requirements apply with respect to expiring options. Option holders desiring to exercise or not exercise expiring options must either:

(1) take no action and allow exercise determinations to be made in accordance with the Clearing Corporation's Ex-by-Ex procedure where applicable; or

(2) submit a "Contrary Exercise Advice" to the Exchange as specified in paragraph (d) below.

(c) **Exercise cut-off time.** Option holders have until 5:30 p.m. Eastern Time on the business day immediately prior to the expiration date or, in the case of Quarterly Options Series, on the expiration date, to make a final decision to exercise or not exercise an expiring option. Members may not accept exercise instructions for customer or non-customer accounts after 5:30 p.m. Eastern Time.

(d) **Submission of Contrary Exercise Advices.** A Contrary Exercise Advice is a communication either: (1) to not exercise an option that would be automatically exercised under the Clearing Corporation's Ex-by-Ex procedure, or (2) to exercise an option that would not be automatically exercised under the Clearing Corporation's Ex-by-Ex procedure.

(i) A Contrary Exercise Advice may be submitted to the Exchange by a Member by using the Exchange's Contrary Exercise Advice Form, the Clearing Corporation's ENCORE system, a Contrary Exercise Advice form of any other national securities exchange of which the firm is a member and where the option is listed, or such other method as the Exchange may prescribe. A Contrary Exercise Advice may be canceled by filing an "Advice Cancel" with the Exchange or resubmitted at any time up to the submission cut-off times specified below.

(ii) **Deadline for CEA Submission for Customer Accounts.** Members have until 7:30 Eastern Time to submit a Contrary Exercise Advice to the Exchange.

(iii) **Deadline for CEA Submission for Non-Customer Accounts.** Members have until 7:30 Eastern Time to submit a Contrary Exercise Advice to the Exchange if such Member employs an electronic submission procedure with time stamp for the submission of exercise instructions by option holders. Members are required to manually submit a Contrary Exercise Advice by 5:30 p.m. for non-customer accounts if such Members do not employ an electronic submission procedure with time stamp for the submission of exercise instructions by option holders.

(e) If the Clearing Corporation has waived the Ex-by-Ex procedure for an options class, Members must either:

(1) submit to the Exchange, a Contrary Exercise Advice, in a manner specified by the Exchange, within the time limits specified in paragraph (d) above if the holder intends to exercise the option; or

(2) take no action and allow the option to expire without being exercised. In cases where the Ex-by-Ex procedure has been waived, the Rules of the Clearing Corporation require that Members wishing to exercise such options must submit an affirmative Exercise Notice to the Clearing Corporation, whether or not a Contrary Exercise Advice has been filed with the Exchange.

(f) A Member that has accepted the responsibility to indicate final exercise decisions on behalf of another Member or non-member broker-dealer shall take the necessary steps to ensure that such decisions are properly indicated to the Exchange. Such Member may establish a processing cut-off time prior to the Exchange's exercise cut-off time at which it will no longer accept final exercise decisions in expiring options from option holders for whom it indicates final exercise decisions. Each Member that indicates final exercise decisions through another broker-dealer is responsible for ensuring that final exercise decisions for all of its proprietary (including Market Maker) and Public Customer account positions are indicated in a timely manner to such broker dealer.

(g) Notwithstanding the foregoing, Members may make final exercise decisions after the exercise cut-off time but prior to expiration without having submitted a Contrary Exercise Advice in the circumstances listed below. A memorandum setting forth the circumstance giving rise to instructions after the exercise cutoff time shall be maintained by the Member and a copy thereof shall be filed with the Exchange no later than 12:00 noon Eastern Time on the first business day following the respective expiration. An exercise decision after the exercise cut-off time may be made:

(1) in order to remedy mistakes or errors made in good faith; or

(2) where exceptional circumstances have restricted an option holder's ability to inform a Member of a decision regarding exercise, or a Member's ability to receive an option holder's decision by the cut-off time. The burden of establishing any of the above exceptions rests solely on the Member seeking to rely on such exceptions.

(h) In the event the Exchange provides advance notice on or before 5:30 p.m. Eastern Time on the business day immediately prior to the last business day before the expiration date indicating that a modified time for the close of trading in equity options on such last business day before expiration will occur, then the deadline to make a final decision to exercise or not exercise an expiring option shall be 1 hour 30 minutes following the time announced for the close of trading on that day instead of the 5:30 p.m. Eastern Time deadline found in Rule 700(c). However, Members have until 7:30 Eastern Time to deliver a Contrary Exercise Advice or Advice Cancel to the Exchange for customer accounts and non-customer accounts where such Member employs an electronic submission procedure with time stamp for the submission of exercise instructions. For non-customer accounts, Members that do not employ an electronic procedure with time stamp for the submission of exercise instructions are required to deliver a Contrary Exercise Advice or Advice Cancel within 1 hour and 30 minutes following the time announced for the close of trading on that day instead of the 5:30 p.m. Eastern Time deadline found in Rule 700(d).

(i) **Modification of cut-off time.**

(1) The Exchange may establish extended cut-off times for decision to exercise or not exercise an expiring option and for the submission of Contrary Exercise Advices on a case-by-case basis due to unusual circumstances. For purposes of this subparagraph (i)(1), an "unusual circumstance" includes, but is not limited to, increased market volatility; significant order imbalances; significant volume surges and/or systems capacity constraints; significant spreads between the bid and offer in underlying securities; internal system malfunctions affecting the ability to disseminate or update market quotes and/or deliver orders; or other similar occurrences.

(2) The Exchange with at least one (1) business day prior advance notice, by 12:00 noon on such day, may establish a reduced cut-off time for the decision to exercise or not exercise an expiring option and for the submission of Contrary Exercise Advices on a case-by-case basis due to unusual circumstances; provided, however, that under no circumstances should the exercise cut-off time and the time for submission of a Contrary Exercise Advice be before the close of trading. For purposes of this subparagraph (i)(2), an "unusual circumstance" includes,

but is not limited to, a significant news announcement concerning the underlying security of an option contract that is scheduled to be released just after the close on the business day immediately prior to expiration.

(j) Submitting or preparing an exercise instruction, Contrary Exercise Advice or advice cancel after the applicable exercise cut-off time in any expiring options on the basis of material information released after the cut-off time is activity inconsistent with just and equitable principles of trade.

(k) The failure of any Member to follow the procedures in this Rule 700 may result in the assessment of a fine, which may include but is not limited to disgorgement of potential economic gain obtained or loss avoided by the subject exercise, as determined by the Exchange.

Interpretations and Policies:

.01 For purposes of this Rule 700, the terms "customers' account" and "non-customer" account have the same meanings as defined in the Clearing Corporation By-Laws Article IC.(34) and Article IN.(1), respectively.

.02 Each Member shall prepare a memorandum of every exercise instruction received showing the time when such instruction was so received. Such memoranda shall be subject to the requirements of SEC Rule 17a-4(b).

.03 Each Member shall establish fixed procedures to insure secure time stamps in connection with their electronic systems employed for the recording of submissions to exercise or not exercise expiring options.

.04 The filing of a Contrary Exercise Advice required by this Rule does not serve to substitute as the effective notice to the Clearing Corporation for the exercise or non-exercise of expiring options.

Rule 701. Allocation of Exercise Notices

(a) Each Member shall establish fixed procedures for the allocation of exercise notices assigned in respect of a short position in such Member's customers' accounts. The allocation shall be on a "first in, first out," or automated random selection basis that has been approved by the Exchange, or on a manual random selection basis that has been specified by the Exchange. Each Member shall inform its customers in writing of the method it uses to allocate exercise notices to its customers' accounts, explaining its manner of operation and the consequences of that system.

(b) Each Member shall report its proposed method of allocation to the Exchange and obtain the Exchange's prior approval thereof, and no Member shall change its method of allocation unless the change has been reported to and approved by the Exchange. The requirements of this paragraph shall not be applicable to allocation procedures submitted to and approved by another SRO having comparable standards pertaining to methods of allocation.

(c) Each Member shall preserve for a three-year period sufficient work papers and other documentary materials relating to the allocation of exercise notices to establish the manner in which allocation of such exercise notices is in fact being accomplished.

Rule 702. Delivery and Payment

(a) Delivery of the underlying security upon the exercise of an option contract, and payment of the aggregate exercise price in respect thereof, shall be in accordance with the Rules of the Clearing Corporation.

(b) As promptly as possible after the exercise of an option contract by a customer, the Member shall require the customer to make full cash payment of the aggregate exercise price in the case of a call option contract, or to deposit the underlying security in the case of a put option contract, or to make the required margin deposit in respect thereof if the transaction is effected in a margin account, in accordance with the Rules and the applicable regulations of the Federal Reserve Board.

(c) As promptly as practicable after the assignment to a customer of an exercise notice the Member shall require the customer to deposit the underlying security in the case of a call option contract if the underlying security is not carried in the customer's account, or to make full cash payment of the aggregate exercise price in the case of a put option contract, or in either case to deposit the required margin in respect thereof if the transaction is effected in a margin account, in accordance with the Rules and the applicable regulations of the Federal Reserve Board.

CHAPTER VIII. RECORDS, REPORTS AND AUDITS

Rule 800. Maintenance, Retention and Furnishing of Books, Records and Other Information

(a) Each Member shall make, keep current and preserve such books and records as the Exchange may prescribe and as may be prescribed by the Exchange Act and the rules and regulations thereunder.

(b) No Member shall refuse to make available to the Exchange such books, records or other information as may be called for under the Rules or as may be requested in connection with an investigation by the Exchange.

(c) All Members shall prepare and make available all books and records required by the Rules in English and U.S. dollars.

Interpretations and Policies:

.01 In addition to the existing obligations under Exchange rules regarding the production of books and records, a Market Maker in non-U.S. currency options, futures or options on futures on such currency, or any other derivatives based on such currency, shall make available to the Exchange such books, records or other information pertaining to transactions in the applicable non-U.S.-currency options, futures or options on futures on such currency, or any other derivatives on such currency, as may be requested by the Exchange.

.02 In addition to the existing obligations under Exchange Rules regarding the production of books and records, a Market Maker in commodity futures contracts, options on commodity futures contracts or any other derivatives based on such commodity, shall make available to the Exchange such books, records or other information pertaining to transactions in the applicable physical commodity, physical commodity options, commodity futures contracts, options on commodity futures contracts, or any other derivatives on such commodity, as may be requested by the Exchange.

Rule 801. Reports of Uncovered Short Positions

(a) Upon request of the Exchange, each Member shall submit a report of the total uncovered short positions in each option contract of a class dealt in on the Exchange showing:

- (1) positions carried by such Member for its own account; and
- (2) positions carried by such Member for the accounts of customers;

provided that the Members shall not report positions carried for the accounts of other Members where such other Members report the positions themselves.

(b) Such report shall be submitted not later than the second business day following the date the request is made.

Rule 802. Financial Reports

Each Member shall submit to the Exchange answers to financial questionnaires, reports of income and expenses and additional financial information in the type, form, manner and time prescribed by the Exchange.

Rule 803. Audits

(a) Each Member approved to do business with the public in accordance with Chapter XIII of the Rules and each Registered Market Maker shall file a report of its financial condition as of the date, within each calendar year, prepared in accordance with the requirements of Rule 17a-5 and Form X-17A-5 under the Exchange Act and containing the information called for by that form.

(1) The report of each Member approved to do business with the public shall be certified by an independent public accountant, and on or before January 10 of each year, each such Member shall notify the Exchange of the name of the independent public accountant appointed for that year and the date as of which the report will be made.

(2) Such report of financial condition, together with answers to an Exchange financial questionnaire based upon the report, shall be filed with the Exchange no later than sixty (60) days after the date as of which the financial condition of the Member is reported, or such other period as the Exchange may individually require.

(b) A Member may file, in lieu of the report required in paragraph (a) of this Rule, a copy of any financial statement which it is or has been required to file with any other national securities exchange or national securities association of which he is a member, or with any agency of any State as a condition of doing business in securities therein, and which is acceptable to the Exchange as containing substantially the same information as Form X-17A-5.

(c) In addition to the annual report required of certain Members pursuant to paragraph (a) of this Rule, the Exchange may require any Member to cause an audit of its financial condition to be made by an independent public accountant in accordance with the audit requirements of Form X-17A-5 as of the date of an answer to a financial questionnaire, and to file a statement to the effect that such audit has been made and whether it is in accord with the answers to the questionnaire.

(1) Such statement shall be signed by two general partners in the case of a Member that is a partnership and by two executive officers in the case of a Member that is a corporation or limited liability company and it shall be attested to by the independent public accountant who certified the audit.

(2) The original report of the audit signed by the independent public accountant shall be retained as part of the books and records of the Member.

Rule 804. Automated Submission of Trade Data

(a) A Member shall submit requested trade data elements, in such automated format as may be prescribed by the Exchange from time to time, in regard to a transaction(s) that is the subject of the particular request for information.

(b) If the transaction was a proprietary transaction effected or caused to be effected by the Member for any account in which such Member, or any approved person, partner, officer, director, or employee thereof, is directly or indirectly interested, the Member shall submit or cause to be submitted, any or all of the following information as requested by the Exchange:

(1) Clearing house number or alpha symbol as used by the Member submitting the data.

(2) Clearing house number(s) or alpha symbol(s) as may be used from time to time, of the Member(s) on the opposite side of the transaction.

(3) Identifying symbol assigned to the security and where applicable for the options month and series symbols.

(4) Date transaction was executed.

(5) Number of option contracts for each specific transaction and whether each transaction was an opening or closing purchase or sale, as well as:

(i) the number of shares traded or held by accounts for which options data is submitted.

(ii) where applicable, the number of shares for each specific transaction and whether each transaction was a purchase, sale or short sale.

(6) Transaction price.

(7) Account number.

(8) Market center where transaction was executed.

(c) If the transaction was effected or caused to be effected by the Member for any customer account, such Member shall submit or cause to be submitted any or all the following information as requested by the Exchange:

(1) Data elements (1) through (8) of paragraph (b) above;

(2) Customer name, address(es), branch office number, Representative number, whether the order was discretionary, solicited or unsolicited, date the account was opened and employer name and tax identification number(s).

(3) If the transaction was effected for a Member broker-dealer customer, whether the broker-dealer was acting as a principal or agent on the transaction or transactions that are the subject of the Exchange's request.

(d) In addition to the above trade data elements, a Member shall submit such other information in such automated format as may be prescribed by the Exchange, as may from time to time be required.

(e) The Exchange may grant exceptions, in such cases and for such time periods as it deems appropriate, from the requirement that the data elements prescribed in paragraphs (b) and (c) above be submitted to the Exchange in an automated format.

Rule 805. Regulatory Cooperation

(a) The Exchange may enter into agreements that provide for the exchange of information and other forms of mutual assistance for market surveillance, investigative, enforcement and other regulatory purposes, with domestic SROs and foreign self-regulatory organizations, as well as associations and contract markets and the regulators of such markets.

(b) The Exchange may enter into one or more agreements with another SRO to provide regulatory services to the Exchange to assist the Exchange in discharging its obligations under Section 6 and Section 19(g) of the Exchange Act. Any action taken by another SRO, or its employees or authorized agents, acting on behalf of the Exchange pursuant to a regulatory services agreement shall be deemed to be an action taken by the Exchange; provided, however, that nothing in this provision shall affect the oversight of such other SRO by the SEC. Notwithstanding the fact that the Exchange may enter into one or more regulatory services agreements, the Exchange shall retain ultimate legal responsibility for, and control of, its self-regulatory responsibilities, and any such regulatory services agreement shall so provide.

(c) No Member, partner, officer, director or other person associated with a Member or other person or entity subject to the jurisdiction of the Exchange shall refuse to appear and testify before another exchange or self-regulatory organization in connection with a regulatory investigation, examination or disciplinary proceeding or refuse to furnish documentary materials or other information or otherwise impede or delay such investigation, examination or disciplinary proceeding if the Exchange requests such information or testimony in connection with an inquiry resulting from an agreement entered into by the Exchange pursuant to paragraph (a) of this Rule, including but not limited to members and affiliates of the Intermarket Surveillance Group. The requirements of this paragraph (c) shall apply regardless whether the Exchange has itself initiated a formal investigation or disciplinary proceeding.

(d) Whenever information is requested by the Exchange pursuant to this Rule, the Member or person associated with a Member from whom the information is requested shall have the same rights and procedural protections in responding to such request as such Member or person would have in the case of any other request for information initiated by the Exchange pursuant to Rule 1001.

Rule 806. Risk Analysis of Market Maker Accounts

(a) Each Clearing Member that clears or guarantees the transactions of Market Makers pursuant to Rule 608, shall establish and maintain written procedures for assessing and monitoring the potential risks to the Member's capital over a specified range of possible market movements of positions maintained in such Market Maker accounts and such related accounts as the Exchange shall from time to time direct.

(1) Current procedures shall be filed and maintained with the Exchange.

(2) The procedures shall specify the computations to be made, the frequency of computations, the records to be reviewed and maintained and the position(s) within the organization responsible for the risk management.

(b) Each affected Member shall at a minimum assess and monitor its potential risk of loss from options Market Maker accounts each business day as of the close of business the prior day through use of an Exchange-approved computerized risk analysis program, which shall comply with at least the minimum standards specified below and such other standards as from time to time may be prescribed by the Exchange:

(1) The estimated loss to the Clearing Member for each Market Maker account (potential account deficit) shall be determined given the impact of broad market movements in reasonable intervals over a range from negative fifteen percent (15%) to positive fifteen percent (15%).

(2) The Member shall calculate volatility using a method approved by the Exchange, with volatility updated at least weekly. The program must have the capability of expanding volatility when projecting losses throughout the range of broad market movements.

(3) Options prices shall be estimated through use of recognized options pricing models such as, but not limited to, Black-Scholes and Cox-Reubenstein.

(4) At a minimum, written reports shall be generated which describe for each market scenario:

(i) projected loss per options class by account;

(ii) projected total loss per options class for all accounts; and

(iii) projected deficits per account and in aggregate.

(c) Upon direction by the Exchange, each affected Member shall provide to the Exchange such information as it may reasonably require with respect to the Member's risk analysis for any or all of its Market Maker accounts.

Rule 807. Fingerprint-Based Background Checks of Exchange Employees and Independent Contractors

(a) In order to enhance the physical security of the facilities, systems, data, and information of the Exchange, it shall be the policy of the Exchange to conduct a fingerprint-based criminal records check of:

(1) all prospective and current Exchange employees,

(2) all prospective and current independent contractors who have or are anticipated to have access to the facilities of the Exchange for ten (10) business days or longer, and

(3) all prospective and current temporary employees who have or are anticipated to have access to facilities of the Exchange for ten (10) business days or longer.

The Exchange shall apply this policy in all circumstances where permitted by applicable law.

(b) The Exchange shall submit fingerprints obtained pursuant to the foregoing policy to the Attorney General of the United States or his or her designee for identification and processing. The Exchange shall at all times maintain the security of fingerprints and information received from the Attorney General or his or her designee.

(c) The Exchange shall evaluate information received from the Attorney General or his or her designee in accordance with the terms of a written fingerprint policy and provisions of applicable law. A felony or serious misdemeanor conviction will be a factor in considering whether to hire a prospective employee, take adverse employment action with respect to a current employee or to deny prospective or current independent contractors or temporary employees access to facilities of the Exchange.

(d) A prospective employee who refuses to submit to fingerprinting shall be denied employment by the Exchange, and a prospective independent contractor or temporary employee who refuses to submit to fingerprinting shall be denied access to facilities of the Exchange. A current employee, independent contractor, or temporary employee who refuses to submit to fingerprinting will be terminated following notice and being given three (3) opportunities to submit.

CHAPTER IX. SUMMARY SUSPENSION

Rule 900. Imposition of Suspension

(a) A Member or person associated with a Member that has been expelled or suspended from any SRO or barred or suspended from being associated with a member of any SRO, or a Member that is in such financial or operating difficulty that the Board or a committee or Exchange official designated by the Board determines that the Member cannot be permitted to continue to do business as a Member with safety to investors, creditors, other Members, or the Exchange, may be summarily suspended.

(b) The Board or a committee or Exchange official designated by the Board may limit or prohibit any person with respect to access to services offered by the Exchange if any of the criteria of Rule 900(a) is applicable to such person or, in the case of a person who is a Member, if the Exchange determines that such person does not meet the qualification requirements or other prerequisites for such access with safety to investors, creditors, Members or the Exchange.

(c) In the event a determination is made to take summary action pursuant to this Rule, notice thereof will be sent to the SEC.

(d) Any person aggrieved by any summary action taken under this Rule shall be promptly afforded an opportunity for a hearing by the Exchange in accordance with the provisions of Chapter XI (Hearings, Review and Arbitration).

(e) A summary suspension or other action taken pursuant to this Chapter shall not be deemed to be disciplinary action under Chapter X (Discipline). The provisions of Chapter X shall be applicable regardless of any action taken pursuant to this Chapter.

Rule 901. Investigation Following Suspension

(a) Every Member or person associated with a Member against which action has been taken in accordance with the provisions of this Chapter shall immediately afford every facility required by the Exchange for the investigation of his or its affairs and shall forthwith file with the Secretary a written statement covering all information requested, including a complete list of creditors and the amount owing to each and a complete list of each open long and short position in Exchange option contracts maintained by the Member and each of his or its customers.

(b) Paragraph (a) includes, without limitation, the furnishing of such books and records of the Member or person associated with a Member and the giving of such sworn testimony as may be requested by the Exchange.

Rule 902. Reinstatement Following Suspension

(a) General.

(1) A Member, person associated with a Member or other person suspended or limited or prohibited with respect to access to services offered by the Exchange under the provisions of this Chapter may apply for reinstatement within the time period set forth below.

(2) Notice of an application for reinstatement shall be given by the Secretary to the Membership and shall be posted by the Exchange at least five (5) business days prior to the consideration by the Exchange of said application.

(3) The Exchange may approve an application for reinstatement if it finds that the applicant is operationally and financially able to conduct his or its business with safety to investors, creditors, Members, and the Exchange.

(b) Suspension Due to Operating Difficulty.

(1) An applicant that, by reason of operating difficulty, has been suspended or limited or prohibited with respect to Exchange services, must file any application for reinstatement within six (6) months from the date of such action. Such application must include a statement of all actions taken by the applicant to remedy the operational difficulty in question.

(2) If the applicant fails to receive reinstatement, or if the application is not acted upon ninety (90) days of its submission, the applicant shall be afforded an opportunity for a hearing in accordance with the provisions of Chapter XI (Hearings, Review and Arbitration).

(c) Suspension Due to Financial Difficulty.

(1) An applicant who, by reason of financial difficulty, has been suspended or limited or prohibited with respect to Exchange services, must file any application for reinstatement within thirty (30) days of such action.

(2) Such application must include a list of all creditors of the applicant, a statement of the amount originally owing and the nature of the settlement in each case, and such other information as may be requested by the Exchange.

(3) The Membership of a Member summarily suspended by reason of financial difficulty may not be terminated by the Exchange until that Member has been afforded an opportunity for a hearing respecting such summary suspension pursuant to the provisions of Chapter XI (Hearings, Review and Arbitration).

Rule 903. Failure to Obtain Reinstatement

If a Member suspended under the provisions of this Chapter fails or is unable to apply for reinstatement in accordance with Rule 902, or fails to obtain reinstatement as therein provided, his or its Membership status shall be terminated.

Rule 904. Termination of Rights by Suspension

A Member suspended under the provisions of this Chapter shall be deprived during the term of his or its suspension of all rights and privileges of being a Member of the Exchange.

CHAPTER X. DISCIPLINE

Rule 1000. Disciplinary Jurisdiction

(a) A Member or a person associated with a Member who is alleged to have violated or aided and abetted a violation of any provision of the Exchange Act, the rules and regulations promulgated thereunder, or any provision of the Rules or any interpretation thereof or resolution of the Board of the Exchange regulating the conduct of business on the Exchange, shall be subject to the disciplinary jurisdiction of the Exchange under this Chapter, and after notice and opportunity for a hearing may be appropriately disciplined by expulsion, suspension, limitation of activities, functions, and operations, fine, censure, being suspended or barred from being associated with a Member or any other fitting sanction, in accordance with provisions of this Chapter.

(b) Persons associated with a Member may be charged with any violation committed by employees under his supervision or by the Member as though such violation were his own. A Member may be charged with any violation committed by its employees or other person who is associated with such Member, as though such violation were its own.

(c) Any Member or person associated with a Member shall continue to be subject to the disciplinary jurisdiction of the Exchange following such Member's termination or the person's termination of association with a Member with respect to matters that occurred prior to such termination; provided that written notice of the commencement of an inquiry into such matters is given by the Exchange to such former Member or former associated person within one (1) year of receipt by the Exchange, or such other exchange or association recognized for purposes of Rule 1302, of the latest written notice of the termination of such person's status as a Member or person associated with a Member. The foregoing notice requirement does not apply to a person who at any time after a termination again subjects himself to the disciplinary jurisdiction of the Exchange by becoming a Member or a person associated with a Member.

Rule 1001. Requirement to Furnish Information

(a) Each Member and person associated with a Member shall be obligated upon request by the Exchange (including by another SRO acting on behalf of the Exchange pursuant to Rule 1015) to appear and testify, and to respond in writing to interrogatories and furnish documentary materials and other information requested in connection with (i) an investigation initiated pursuant to Rule 1002, (ii) a hearing or appeal conducted pursuant to this Chapter or preparation by the Exchange in anticipation of such a hearing or appeal, or (iii) an Exchange inquiry resulting from an agreement entered into by the Exchange pursuant to Rule 805.

(b) A Member or person associated with a Member is entitled to be represented by counsel during any such Exchange investigation, proceeding or inquiry.

(c) No Member or person associated with a Member shall impede or delay an Exchange investigation or proceeding conducted pursuant to this Chapter, or an Exchange inquiry pursuant to Rule 805, nor refuse to comply with a request made by the Exchange pursuant to this paragraph.

(d) Failure to furnish testimony, documentary evidence or other information requested by the Exchange in the course of an Exchange inquiry, investigation, hearing or appeal conducted pursuant to this Chapter, or in the course of preparation by the Exchange in anticipation of such a hearing or appeal, on the date or within the time period the Exchange specifies shall be deemed to be a violation of this Rule.

Rule 1002. Investigation

The Exchange's regulatory staff (including regulatory staff of another SRO acting on the Exchange's behalf pursuant to Rule 1015), which is obligated to act independently from the economic interests of the Members regulated by the Exchange, has sole discretion to investigate possible violations within the disciplinary jurisdiction of the Exchange on its own initiative or based upon a complaint alleging possible violations submitted by any

person, Exchange committee or the Board. All complaints shall be in writing signed by the complainant and shall specify in reasonable detail the facts constituting the violation, including the specific statutes, rules, interpretations or resolutions allegedly violated.

Rule 1003. Letters of Consent

In lieu of the procedures set forth in Rules 1004 through 1006 (Charges, Answer and Hearing), a matter may be disposed of through a letter of consent.

(a) A matter can only be disposed of through a letter of consent if regulatory staff and the Member or person(s) who is the subject of the investigation (the "Subject") are able to agree upon terms of a letter of consent. Such letter must be signed by the Subject and must set forth a stipulation of facts and findings concerning the Member's conduct, the violation(s) committed by the Member and the sanction(s) therefor.

(b) In the event that the Subject and the regulatory staff are able to agree upon a letter of consent, the staff shall submit the letter to the Chief Regulatory Officer. If the letter of consent is acceptable to the Chief Regulatory Officer, it shall be submitted to the Business Conduct Committee. In the event that the Member and the regulatory staff are unable to agree upon a letter of consent or if a proposed letter is not acceptable to the Chief Regulatory Officer, the staff may institute an action according to the procedures contained in Rule 1004. The Chief Regulatory Officer's decision to reject a letter of consent shall be final, and a Subject may not seek review thereof.

(c) If a letter of consent is submitted to and accepted by the Business Conduct Committee, the Exchange shall take no further action against the Subject respecting the matters that are the subject of the letter. If the letter of consent is rejected by the Business Conduct Committee, the matter shall proceed as though the letter had not been submitted. The Business Conduct Committee's decision to accept or reject a letter of consent shall be final, and a Subject may not seek review thereof.

Rule 1004. Charges

(a) **Initiation of Charges.** Whenever it shall appear that there is probable cause for finding a violation within the disciplinary jurisdiction of the Exchange and that further proceedings are warranted, the regulatory staff shall prepare a statement of charges against the Member or associated person alleged to have committed a violation (the "Respondent") specifying the acts in which the Respondent is charged to have engaged and setting forth the specific provisions of the Exchange Act, rules and regulations promulgated thereunder, provisions of the Rules, or interpretations or resolutions of which such acts are in violation. If the statement of charges is approved by the Chief Regulatory Officer, a copy of the charges shall be served upon the Respondent in accordance with Rule 1012. The complainant, if any, shall be notified if further proceedings are warranted.

(b) **Access to Documents.** Provided that a Respondent has made a written request for access to documents described hereunder with sixty (60) calendar days after a statement of charges has been served upon the Respondent in accordance with Rule 1012, the Respondent shall have access to all documents concerning the case that are in the investigative file of the Exchange except for regulatory staff investigation and examination reports and any other materials prepared by the Exchange staff in connection with such reports or in anticipation of a disciplinary hearing. In providing such documents, the Exchange may protect the identity of a complainant.

Rule 1005. Answer

(a) The Respondent shall have twenty-five (25) calendar days after service of the charges to file with the Secretary of the Exchange a written answer thereto. The answer shall specifically admit or deny each allegation contained in the charges, and the Respondent shall be deemed to have admitted any allegation not specifically denied. The answer may also contain any defense that the Respondent wishes to submit and may be accompanied by documents in support of his answer or defense. In the event the Respondent fails to file an answer, the charges shall be considered to be admitted.

(b) Upon review of the Respondent's answer, the Chief Regulatory Officer may modify the statement of charges, and a copy of the modified charges shall be served upon the Respondent in accordance with Rule 1012. If such modification asserts any new or materially different charges from those contained in the initial statement, Respondent shall have an additional twenty-five (25) calendar days after service of the modified statement of charges to file a written answer thereto in accordance with paragraph (a) above.

Rule 1006. Hearing

(a) **Appointment of Hearing Panel.** Subject to Rule 1008 (Summary Proceedings), a hearing on the charges shall be held before a professional hearing officer and two members of the Business Conduct Committee (the "Panel"). The professional hearing officer shall serve as the chairman of the Panel (the "Panel Chairman").

(1) Promptly after the Respondent files a written answer to the statement of charges, the Chairman of the Business Conduct Committee shall select from among the persons on the Business Conduct Committee two (2) persons to serve on the Panel. In making such selection, the Chairman of the Business Conduct Committee shall, to the extent practicable, choose individuals whose background, experience and training qualify them to consider and make determinations regarding the subject matter to be presented to the Panel. He shall also consider such factors as the availability of individuals, the extent of their prior service on Panels and any relationship between an individual and the Respondent that might make it inappropriate for such person to serve on the Panel.

(2) If in the opinion of the Chairman of the Business Conduct Committee, there are not a sufficient number of persons on the Business Conduct Committee from which to select persons having the appropriate background, experience and training to consider and make determinations regarding the subject matter to be presented to that particular Panel, he shall request that the President temporarily appoint additional persons to the Business Conduct Committee from whom he may select for that Panel.

(3) If at any time a person serving on a Panel has a conflict of interest or bias or circumstances otherwise exist where his fairness might reasonably be questioned, the person must withdraw from the Panel. In the event that a person selected from the Business Conduct Committee withdraws, is incapacitated, or otherwise is unable to continue service after being selected, the Panel Chairman may, in the exercise of discretion, request that the Chairman of the Business Conduct Committee select a replacement. In the event that both persons selected from the Business Conduct Committee withdraw, are incapacitated, or otherwise are unable to continue service, the Chairman of the Business Conduct Committee shall select two replacements.

(b) **Parties.** The Exchange and the Respondent shall be the parties to the hearing. Where a Member is a party, it shall be represented at the hearing by an associated person.

(c) **Notice and List of Documents.** Parties shall be given at least twenty-eight (28) calendar days notice of the time and place of the hearing. Not less than ten (10) calendar days in advance of the scheduled hearing date, each party shall furnish to the Panel and to the other parties, copies of all documentary evidence such party intends to present at the hearing. Where time and the nature of the proceeding permit, the parties shall meet with the Panel Chairman in a pre-hearing conference for the purpose of clarifying and simplifying issues and otherwise expediting the proceeding. At such pre-hearing conference, the parties shall attempt to reach agreement respecting authenticity of documents, facts not in dispute, and any other items that will serve to expedite the hearing of the matter.

(d) **Intervention.** Any person not otherwise a party may intervene as a party to the hearing upon demonstrating to the satisfaction of the Panel Chairman that he has an interest in the subject of the hearing and that the disposition of the matter may, as a practical matter, impair or impede his ability to protect that interest. Also, the Panel Chairman may in his discretion permit a person to intervene as a party to the hearing when the person's claim or defense and the main action have questions of law or fact in common. Any person wishing to intervene as a party to a hearing shall file with the Panel Chairman a notice requesting the right to intervene, stating the grounds therefor, and setting forth the claim or defense for which intervention is sought. The Panel Chairman, in exercising his discretion concerning intervention shall take into consideration whether the intervention will unduly delay or prejudice the adjudication of the rights of the original parties.

(e) **Conduct of Hearing.** The Panel Chairman shall determine the time and place of all meetings, and shall make all determinations with regard to procedural or evidentiary matters, as well as prescribe the time within which all documents, exhibits, briefs, stipulations, notices or other written materials must be filed where such is not specified in this Chapter. The Panel Chairman shall generally regulate the course of the hearing, and shall have the authority to, among other things, order the parties to present oral arguments, reopen a hearing prior to the issuance of a decision by the Panel, create and maintain the official record of proceeding, and draft a decision that represents the views of the majority of the Panel. Formal rules of evidence shall not apply to hearings conducted by the Panel. The charges shall be presented by a representative of the Exchange who, along with Respondent and any other party, may present evidence and produce witnesses who shall testify under oath and are subject to being questioned by the Panel and the other parties. The Panel may request the production of documentary evidence and witnesses. No Member or person associated with a Member shall refuse to furnish relevant testimony, documentary materials or other information requested by the Panel during the course of the hearing. The Respondent and intervening parties are entitled to be represented by counsel who may participate fully in the hearing. A transcript of the hearing shall be made and shall become part of the record. Interlocutory Board review of any decision made by the Panel prior to completion of the hearing is generally prohibited. Such interlocutory review shall be permitted only if the Panel agrees to such review after determining that the issue is a controlling issue of rule or policy and that immediate Board review would materially advance the ultimate resolution of the case.

(f) **Ex Parte Communication.** No Member or person associated with a Member shall make or knowingly cause to be made an ex parte communication with any member of the Panel, Business Conduct Committee or Board concerning the merits of any matter pending under this Chapter. No member of the Panel, Business Conduct Committee or Board shall make or knowingly cause to be made an ex parte communication with any Member or any person associated with a Member concerning the merits of any matter pending under this Chapter.

(1) “Ex parte communication” means an oral or written communication made without notice to all parties, that is, regulatory staff and Subjects of investigations or Respondents in proceedings.

(2) A written communication is ex parte unless a copy has been previously or simultaneously delivered to all interested parties. An oral communication is ex parte unless it is made in the presence of all parties except those who, on adequate prior notice, declined to be present.

Rule 1007. Decision

(a) Following a hearing conducted pursuant to Rule 1006, the Panel shall by majority opinion, issue a decision in writing, based solely on the record, determining whether the Respondent has committed a violation and imposing the sanction, if any, therefor.

(b) The decision shall include a statement of findings and conclusions, with the reasons therefor, upon all material issues presented on the record. Where a sanction is imposed, the decision shall include a statement specifying the acts or practices in which the Respondent has been found to have engaged and setting forth the specific provisions of the Exchange Act, rules and regulations promulgated thereunder, provisions of the Rules, interpretations or resolutions of the Exchange of which the acts are deemed to be in violation.

(c) The Respondent shall be sent a copy of the decision promptly after it is rendered.

Rule 1008. Summary Proceedings

Notwithstanding the provision of Rule 1006 (Hearing), a Panel may make a determination without a hearing and may impose a penalty as to violations that the Respondent has admitted or has failed to answer or that otherwise do not appear to be in dispute.

(a) Notice of such summary determination, specifying the violations and penalty, shall be served upon the Respondent, who shall have ten (10) calendar days from the date of service to notify the Panel Chairman that he

desires a hearing upon all or a portion of any charges not previously admitted or upon the penalty. Failure to so notify the Panel Chairman shall constitute admission of the violations and acceptance of the penalty as determined by the Panel and a waiver of all rights of review.

(b) If the Respondent requests a hearing, the matters that are the subject of the hearing shall be handled as if the summary determination had not been made.

Rule 1009. Offers of Settlement

(a) **Submission of Offer.** At any time during a period not to exceed 120 calendar days immediately following the date of service of a statement of charges upon the Respondent in accordance with Rule 1012, the Respondent may submit to the Panel, if one has been formed, a written offer of settlement, signed by him, which shall contain a proposed stipulation of facts and consent to a specified sanction. The Respondent may submit a written statement in support of the offer. If a Panel has not yet been appointed, a written offer of settlement may be submitted to the Chief Regulatory Officer.

(1) A Respondent shall be entitled to submit a maximum of two (2) written offers of settlement in connection with the statement of charges issued to that Respondent pursuant to Rule 1004, unless a Panel, in its discretion, permits a Respondent to submit additional offers of settlement.

(2) The 120-day period shall be tolled for the number of days in excess of seven (7) calendar days that it takes the Exchange regulatory staff to respond to a Respondent's request for access to documents provided that the request for access is made pursuant to the provisions and within the time frame provided in Rule 1004(b).

(b) **Acceptance or Rejection of Offer.** Where the Panel or Chief Regulatory Officer accepts an offer of settlement, it or he shall issue a decision, including findings and conclusions and imposing a sanction, consistent with the terms of such offer. Where the Panel or Chief Regulatory Officer rejects an offer of settlement, it or he shall notify the Respondent and the matter shall proceed as if such offer had not been made, and the offer and all documents relating thereto shall not become a part of the record. Subject to Rule 1008 (Summary Proceedings), following the end of the 120-day period in paragraph (a) above or after a rejection of a Respondent's second offer of settlement, a hearing will proceed in accordance with the provisions of Rule 1006. A decision of the Panel or Chief Regulatory Officer issued upon acceptance of an offer of settlement, as well as the determination whether to accept or reject such an offer, shall be final, and the Respondent may not seek review thereof.

Rule 1010. Review

(a) **Petition.** The Respondent or regulatory staff shall have fifteen (15) calendar days after service of notice of a decision made pursuant to Rule 1007 of this Chapter to petition for review thereof by the Board. Such petition shall be in writing and shall specify the findings and conclusions to which exceptions are taken, together with reasons for such exceptions. Any objections to a decision not specified by written exception shall be considered to have been abandoned. Petitions shall be filed with the Secretary of the Exchange.

(b) **Motion of Board.** The Board may on its own initiative order review of a decision made pursuant to Rule 1007 or 1008 (Summary Proceeding) within thirty (30) calendar days after notice of the decision has been served on the Respondent.

(c) **Conduct of Review.** The review shall be conducted by the Board or a committee of the Board composed of at least three Directors whose decision must be ratified by the Board.

(1) Any Director who participated in a matter may not participate in review of that matter by the Board.

(2) Unless the Board shall decide to open the record for the introduction of evidence or to hear argument, such review shall be based solely upon the record and the written exceptions filed by the parties.

(3) New issues may be raised by the Board, and in such event, Respondents and regulatory staff shall be given notice of an opportunity to address any such new issues.

(d) **Determination.** The Board may affirm, reverse or modify, in whole or in part, the decision of the Panel. Such modification may include an increase or decrease of the sanction. The decision of the Board shall be in writing, shall be promptly served on the Respondent, and shall be final.

Rule 1011. Judgment and Sanction

(a) **Sanctions.** Members and persons associated with Members shall (subject to any rule or order of the SEC) be appropriately disciplined for violations under these Rules by expulsion, suspension, limitation of activities, functions and operations, fine, censure, being suspended or barred from being associated with a Member, or any other fitting sanction.

(b) **Effective Date of Judgment.** Sanctions imposed under this Chapter shall not become effective until the Exchange review process is completed or the decision otherwise becomes final. Pending effectiveness of a decision imposing a sanction on the Respondent, the person, committee or panel issuing the decision (the “adjudicator”) may impose such conditions and restrictions on the activities of the Respondent as it considers reasonably necessary for the protection of investors and the Exchange.

(c) **Payment of Fines, Other Monetary Sanctions, or Costs; Summary Action for Failure to Pay.**

(1) **Payment to Chief Financial Officer.** All fines and other monetary sanctions shall be paid to the Chief Financial Officer of the Exchange.

(2) **Summary Suspension or Expulsion.** After seven (7) calendar days notice in writing, the Exchange may (i) summarily suspend a Member that fails to pay promptly a fine, other monetary sanction or cost imposed pursuant to this Chapter when such fine, monetary sanction or cost becomes finally due and payable; or (ii) terminate immediately the association of a person who fails to pay promptly a fine, other monetary sanction or cost imposed pursuant to this Chapter when such fine, monetary sanction or cost becomes finally due and payable.

(d) **Costs of Proceedings.** A Member or person associated with a Member disciplined pursuant to this Chapter shall bear such costs of the proceeding as the adjudicator deems fair and appropriate under the circumstances.

Rule 1012. Procedural Matters

(a) **Service of Notice.** Any charges, notices or other documents may be served upon a Member or associated person either personally or by leaving the same at his place of business, by registered or certified mail or overnight commercial carrier addressed to the Member or associated person at the Member’s address as it appears on the books and records of the Exchange.

(b) **Extension of Time Limits.** Any time limits imposed under this Chapter for the submission of answers, petitions or other materials may be extended by permission of the authority to whom such materials are to be submitted.

Rule 1013. Reporting to the Central Registration Depository

(a) With respect to formal Exchange disciplinary proceedings, the Exchange shall report to the CRD the issuance of a statement of charges pursuant to Rule 1004 and all significant changes in the status of such proceedings while such proceedings are pending.

(b) For purposes of reporting to the CRD:

(1) A formal Exchange disciplinary proceeding shall be considered to be pending from the time that a statement of charges is issued in such proceeding pursuant to Rule 1004 until the outcome of the proceeding becomes final.

(2) An Exchange disciplinary proceeding shall be considered to be a formal disciplinary proceeding if it is initiated by the Exchange pursuant to Rule 1002.

(3) Significant changes in the status of a formal Exchange disciplinary proceeding shall include, but not be limited to, the scheduling of a disciplinary hearing, the issuance of a decision by a Panel, the filing of an appeal to the Board, and the issuance of a decision by the Board.

Rule 1014. Imposition of Fines for Minor Rule Violations

(a) **General.** In lieu of commencing a disciplinary proceeding, the Exchange may, subject to the requirements set forth herein, impose a fine, not to exceed \$5,000, on any Member, or person associated with or employed by a Member, with respect to any Rule violation listed in section (d) of this Rule. Any fine imposed pursuant to this Rule that (i) does not exceed \$2,500 and (ii) is not contested, shall be reported on a periodic basis, except as may otherwise be required by Rule 19d-1 under the Exchange Act or by any other regulatory authority. The Exchange is not required to impose a fine pursuant to this Rule with respect to the violation of any Rule included herein, and the Exchange may, whenever it determines that any violation is not minor in nature, proceed under Rules 1003 or 1004, rather than under this Rule.

(b) **Notice.** Any person against whom a fine is imposed under this Rule (the “Subject”) shall be served with a written statement setting forth (i) the Rule(s) allegedly violated; (ii) the act or omission constituting each such violation; (iii) the fine imposed for each violation; and (iv) the date by which such determination becomes final and such fine must be paid or contested as provided below, which date shall be not less than thirty (30) calendar days after the date of service of such written statement.

(c) **Review.** A Subject may contest the Exchange’s determination by filing with the Office of the Secretary of the Exchange a written answer as provided in Rule 1005 on or before the date such fine must be paid.

(1) Upon the receipt of an answer by the Exchange the matter becomes subject to review by the Business Conduct Committee, or a subcommittee thereof consisting of at least three (3) members of the Business Conduct Committee.

(2) The answer must include a request for a hearing, if a hearing is desired. Formal rules of evidence shall not apply to hearings conducted by the Business Conduct Committee under this Rule. The Business Conduct Committee shall determine the time and place of the hearing and make all determinations with regard to procedural or evidentiary matters, as well as prescribe the time within which all documents or written materials must be submitted. The regulatory staff and the Subject may present evidence and produce witnesses who shall testify under oath and are subject to being questioned by the Business Conduct Committee and the other party. No Member or person associated with a Member shall refuse to furnish relevant testimony, documentary materials or other information requested by the Business Conduct Committee during the course of the hearing. The Subject is entitled to be represented by counsel who may participate fully in the hearing.

(3) If a hearing is not requested, the review will be based on written submissions and will be conducted in a manner to be determined by the Business Conduct Committee.

(4) If, after a hearing or review based on written submissions, the Business Conduct Committee determines that the Subject is guilty of the rule violation(s) alleged, the Committee may impose any one or more of the disciplinary sanctions authorized by the Exchange’s Rules.

Unless the sole disciplinary sanction imposed by the Committee for such rule violation(s) is a fine that is less than the total fine initially imposed by the Exchange for the subject violation(s), the person charged shall pay a forum fee in the amount of \$100 if the determination was reached without a hearing and \$300 if a hearing was conducted.

(5) The regulatory staff, the Subject or the Board on its own motion may require a review by the Board of any determination by the Business Conduct Committee under this Rule by proceeding in the manner described in Rule 1010.

(6) In the event that a fine imposed pursuant to this Rule is subsequently upheld by the Business Conduct Committee or, if applicable, on appeal to the Board, such fine, plus all interest that has accrued thereon since the fine was due and any forum fee imposed pursuant to subparagraph (4) above, shall be immediately payable.

(d) **Violations Subject to Fines.** The following is a list of the rule violations subject to, and the applicable sanctions that may be imposed by the Exchange pursuant to, this Rule:

(1) **Position Limits (Rule 307).**

Number of Cumulative Violations Within Any Twenty-four Month Rolling Period*	Sanction(Imposed on Exchange Members or violations occurring in all other accounts)
First Offense	\$500
Second Offense	\$1,000
Third Offense	\$2,500
Fourth and Each Subsequent Offense	\$5,000

* A violation that consists of (i) a one trade date overage, (ii) a consecutive string of trade date overage violations where the position does not change or where a steady reduction in the overage occurs, or (iii) a consecutive string of trade date overage violations resulting from other mitigating circumstances, may be deemed to constitute one offense, provided that the violations are inadvertent.

(2) **Focus Reports (Rule 803).** Each Member shall file with the Exchange a report of financial condition on SEC Form X-17A-5 as required by Rule 17a-10 under the Exchange Act. Any Member who fails to file in a timely manner such report of financial condition pursuant to Exchange Act Rule 17a-10 shall be subject to the following fines:

Calendar Days Left	Sanction
1 to 30	\$200
31 to 60	\$400
61 to 90	\$800
90 or more	Formal Disciplinary Action

(3) **Requests for Trade Data (Rule 804).** Any Member who fails to respond within ten (10) business days to a request by the Exchange for submission of trade data shall be subject to the following fines:

Business Days Late	Sanction
1 to 9	\$200
10 to 15	\$500
16 to 30	\$1,000
Over 30	Formal Disciplinary Action

Any Member who violates this Rule more than one (1) time in any calendar year shall be subject to the following fines, which fines shall be imposed in addition to any sanction imposed pursuant to the schedule above:

Number of Violations Within One Calendar Year	Sanction
2 nd Offense	\$500
3 rd Offense	\$1,000
4 th Offense	\$2,500
Subsequent Offenses	Formal Disciplinary Action

(4) **Conduct and Decorum Policies.** The Exchange's trading conduct and decorum policies shall be distributed to Members periodically and shall set forth the specific dollar amounts that may be imposed as a fine hereunder with respect to any violations of those policies.

(5) **Order Entry (Rule 520).** Violations of Rule 520(b) regarding limitations on orders entered into the System by Electronic Exchange Members will be subject to the fines listed below. Each paragraph of Rule 520 subject to this Rule shall be treated separately for purposes of determining the number of cumulative violations.

Number of Violations Within One Calendar Year	Sanction
1 to 5	Letter of Caution
6 to 10	\$500
11 to 15	\$1,000
16 or 20	\$2,000
Over 20	Formal Disciplinary Action

(6) **Quotation Parameters (Rule 603).** Violations of Rule 603(b)(4) regarding bid/ask differentials for Market Maker quotations shall be subject to the fines listed below. For purposes of this Rule, the bid/ask differentials in Rule 603(b)(4) will not be violated upon a change in a bid (offer) if a Market Maker takes immediate action to adjust its offer (bid) to comply with the maximum allowable bid/ask differentials. Except in unusual market conditions, immediate shall mean within ten (10) seconds of a change in the Market Makers bid or offer.

Number of Violations Within One Calendar Year	Sanction
1 to 10	Letter of Caution
11 to 20	\$200
21 to 30	\$400
31 to 40	\$800
Over 40	Formal Disciplinary Action

(7) **Execution of Orders in Appointed Options (Rule 605).** Violations of Rule 605(b)(2) and (3), which specifies a limit on the total number of contracts executed during a quarter in options classes to which the Market Maker is not appointed shall be subject to the following sanctions:

Number of Violations Within Rolling Twelve Month Period	Sanction
1 st Offense	Letter of Caution
2 nd Offense	\$500
3 rd Offense	\$1,000
4 th Offense	\$2,500
Subsequent Offenses	Formal Disciplinary Action

(8) **Mandatory Systems Testing (Rule 314).** Failure to conduct or participate in the testing of computer systems, or failure to provide required reports or maintain required documentation, shall be subject to the fines listed below.

Violations Within One Calendar Year	Sanction
First Violation	\$250
Second Violation	\$500
Third Violation	\$1,000
Fourth Violation	\$2,000
Fifth Violation or more	Formal Disciplinary Action

(9) **Exercise of Option Contracts (Rule 700).** Any Member who fails to submit to the Exchange in a timely manner pursuant to Rule 700 or a Regulatory Circular issued pursuant to Rule 700, "Advice Cancel", or exercise instruction relating to the exercise or non-exercise of a non-cash settled equity option shall be subject to the following fines:

Number of Cumulative Violations Within Any Twenty-Four Month Rolling Period	Individual	Member Organization
1 st Offense	\$500	\$1,000
2 nd Offense	\$1,000	\$2,500
Subsequent Offenses	\$2,500	\$5,000

Rule 1015. Disciplinary Functions

(a) The Exchange may contract with another SRO to perform some or all of the Exchange's disciplinary functions. In that event, the Exchange shall specify to what extent the Rules in this Chapter shall govern Exchange disciplinary actions and to what extent the rules of the other SRO shall govern such actions. Notwithstanding the fact that the Exchange may contract with another SRO to perform some or all of the Exchange's disciplinary functions, the Exchange shall retain ultimate legal responsibility for and control of such functions.

Interpretations and Policies:

.01 The Exchange intends to enter into a contract with the Financial Industry Regulatory Authority ("FINRA") and/or the Chicago Board Options Exchange ("CBOE") to provide professional hearing officers and to act as an agent of the Exchange with respect to the disciplinary procedures contained in this Chapter. All of the Rules in this Chapter shall govern Exchange disciplinary actions. Under Rule 1006(a), the professional hearing officer is designated as the Chairman of the Panel. Under Rule 1006(e), the Panel Chairman has the sole responsibility to determine the time and place of all meetings of the Panel, and make all determinations with regard to procedural or evidentiary matters, as well as prescribe the time within which all documents, exhibits, briefs, stipulations, notices or other written materials must be filed where such is not specified in the Rules.

In the course of discharging his responsibilities hereunder, the professional hearing officer shall apply the standards contained in the FINRA Industry Code of Procedure and/or CBOE Rules Chapter XVII, and policies, practices and interpretations thereof, so long as the Rules in this Chapter are not in conflict.

Rule 1016. Contracts of Suspended Members

(a) When a Member, other than a Clearing Member, is suspended pursuant to Chapter IX (Summary Suspension), all open short positions of the suspended Member in option contracts and all open positions resulting from exercise of option contracts, other than positions that are secured in full by a specific deposit or escrow deposit in accordance with the Rules of the Clearing Corporation, shall be closed without unnecessary delay by all Members carrying such positions for the account of the suspended Member; provided that the Exchange may cause the foregoing requirement to be temporarily waived for such period as it may determine if it shall deem such temporary waiver to be in the interest of the public or the other Members of the Exchange.

(b) No temporary waiver hereunder by the Exchange shall relieve the suspended Member of its obligations or of damages, nor shall it waive the close out requirements of any other Rules.

(c) When a Clearing Member is suspended pursuant to Chapter IX (Summary Suspension) of these Rules, the positions of such Clearing Member shall be closed out in accordance with the Rules of the Clearing Corporation.

Rule 1017. Failure to Pay Premium

(a) If the Clearing Corporation shall reject an Exchange Transaction because of the failure of the Clearing Member acting on behalf of the purchaser to pay the aggregate premiums due thereon as required by the Rules of the Clearing Corporation, the Member acting as or on behalf of the writer shall have the right either to cancel the transaction by giving notice thereof to the Clearing Member or to enter into a closing writing transaction in respect of the same option contract that was the subject of the rejected Exchange Transaction for the account of the defaulting Clearing Member.

(b) Such action shall be taken as soon as possible and in any event not later than 10:00 A.M. on the business day following the day the Exchange Transaction was rejected by the Clearing Corporation.

CHAPTER XI. HEARINGS, REVIEW AND ARBITRATION

Rule 1100. Scope of Chapter

This Chapter provides the procedure for persons economically aggrieved by Exchange action, including, but not limited to, those organizations whose application to become a Member have been denied, persons who have been barred from becoming associated with a Member, or organizations and persons that have been prohibited or limited with respect to Exchange services, or the services of any Exchange Member, taken pursuant to any contractual arrangement or the By-Laws or Rules of the Exchange, to apply for an opportunity to be heard and to have the complained of action reviewed. Review of disciplinary actions and arbitrations are not subject to review under this Chapter.

Rule 1101. Submission of Application to Exchange

(a) **The Application.** A person who is aggrieved by any action of the Exchange within the scope of this Chapter and who desires to have an opportunity to be heard with respect to such action shall file a written application within thirty (30) days after such action has been taken. The application shall state the action complained of and the specific reasons why the applicant takes exception to such action and the relief sought. The application should indicate whether the applicant intends to submit any documents, statements, arguments or other material in support of the application, and describe any such materials.

(b) **Extensions of Time to File Applications.** An application that is not filed within the time specified in paragraph (a) of this Rule shall not be considered by the Business Conduct Committee unless the applicant files his application within such extension of time as allowed by the Chairman of such Committee. In order to obtain an extension of time within which to file an appeal, the applicant must, within the time specified in paragraph (a) of this Rule, file an application for an extension of time within which to submit the application. Such an application for an extension will be ruled upon by the Chairman of the Business Conduct Committee, and his ruling will be given in writing. Rulings on applications for extensions of time are not subject to appeal.

Rule 1102. Procedure Following Applications for Hearing

(a) **Panel.** Applications for hearing and review shall be referred to the Business Conduct Committee, which shall appoint a hearing panel of no less than three (3) members of such Committee. A record of the proceedings shall be kept.

(b) **Documents.** The panel so appointed will set a hearing date and shall be furnished with all material relevant to the proceeding at least seventy-two (72) hours prior to the date of the hearing. Each party shall have the right to inspect and copy the other party's material prior to the hearing.

(c) **Notice.** Parties to the proceeding shall be informed of the composition of the panel at least seventy-two (72) hours prior to the scheduled hearing.

Rule 1103. Hearing

(a) **Members.** The parties to the hearing shall consist of the applicant and a representative of the Exchange who shall present the reasons for the action taken by the Exchange that allegedly aggrieved the applicant. In addition, any other person may intervene as a party in the hearing when the person claims an interest in the transaction that is the subject of the action and is so situated that the disposition of the action may, as a practical matter impair or impede that person's ability to protect that interest unless it is adequately represented by existing parties. Also, the panel may, in its discretion, permit a person to intervene in the action as a party when the person's claim or defense and the main action have a question of law and fact in common. The applicant is entitled to be accompanied, represented and advised by counsel at all stages of the proceeding.

(b) **Procedure for Intervention.** The person seeking intervention shall serve a motion to intervene on the Secretary, which will be transmitted to the panel. The motion shall state the grounds therefor and shall set forth the claim or defense upon which the intervention is sought.

(c) **Conduct of Hearing.** The panel shall determine all questions concerning the admissibility of evidence and shall otherwise regulate the conduct of the hearing. Each of the parties shall be permitted to make an opening statement, present witnesses and documentary evidence, cross-examine opposing witnesses and present closing arguments orally or in writing as determined by the panel. The panel shall also have the right to question all parties and witnesses to the proceeding and a record shall be kept. The formal rules of evidence shall not apply.

(d) **Decision.** The hearing panel's decision shall be made in writing and shall be sent to the parties to the proceedings. Such decision shall contain the reasons supporting the conclusions of the panel.

Rule 1104. Review

(a) **Petition.** The decision of the hearing panel shall be subject to review by the Board, either on its own motion within thirty (30) days after issuance, upon written request submitted by the applicant below or by the President of the Exchange, within fifteen (15) days after issuance of the decision. Such petition shall be in writing and shall specify the findings and conclusions to which exceptions are taken together with the reasons for such exceptions. Any objection to a decision not specified by written exception shall be considered to have been abandoned and may be disregarded. Parties may petition to submit a written argument to the Board and may request an opportunity to make an oral argument before the Board. The Board, or a committee of the Board, will have sole discretion to grant or deny either request.

(b) **Conduct of Review.** The review shall be conducted by the Board or a Committee of the Board composed of at least three (3) Directors. Any Director who participated in a matter before it was appealed to the Board shall not participate in any review action by the Board concerning that matter. The review shall be made upon the record and shall be made after such further proceedings, if any, as the Board or its designated committee may order. An applicant shall be given notice of and a chance to address any issues raised by the Board on its own initiative.

(c) **Decision.** Based upon the record, the Board or its designated Committee may affirm, reverse or modify in whole or in part, the decision of the hearing panel. The decision of the Board or its designated committee shall be in writing, shall be sent to the parties to the proceeding, and shall be final.

Rule 1105. Miscellaneous Provisions

(a) **Service of Notice.** Any notices or other documents may be served upon the applicant either personally or by leaving the same at his place of business or by deposit in the United States post office, postage prepaid via registered or certified mail addressed to the applicant at his last known business or residence address.

(b) **Extension of Time Limits.** Any time limits imposed under this Chapter for the submission of answers, petitions or other materials may be extended by permission of the Secretary of the Exchange. All papers and documents relating to review by the Business Conduct Committee, the Board or its designated committee must be submitted to the Secretary of the Exchange.

Rule 1106. Hearing and Review Functions

The Exchange may contract with another SRO to perform some or all of the functions specified in this Chapter. In that event, the Exchange shall specify to what extent the Rules in this Chapter shall govern review of Exchange actions and hearings under this Chapter and to what extent the rules of the other SRO shall govern such activities. Notwithstanding the fact that the Exchange may contract with another SRO to perform some or all these functions, the Exchange shall retain ultimate legal responsibility for and control of such functions.

Rule 1107. Arbitration

(a) **General.** Any arbitration under this Rule 1107 shall be handled by the Chicago Board Options Exchange (“CBOE”). Chapter XVIII of the CBOE rules (“CBOE Arbitration Rules”), as the same may be in effect from time to time, shall govern Exchange arbitrations except as may be specified in this Rule 1107. Definitions in the CBOE Arbitration Rules shall have the same meaning as that prescribed therein, and procedures contained in the CBOE Arbitration Rules shall have the same application as toward Exchange arbitrations.

(b) **Jurisdiction.** Any dispute, claim, or controversy arising out of or in connection with the business of any Member of the Exchange, or arising out of the employment or termination of employment of associated person(s) with any Member may be arbitrated under this Rule 1107 except that:

(1) a dispute, claim, or controversy alleging employment discrimination (including a sexual harassment claim) in violation of a statute may only be arbitrated if the parties have agreed to arbitrate it after the dispute arose; and

(2) any type of dispute, claim, or controversy that is not permitted to be arbitrated under the CBOE Arbitration Rules (such as class action claims) shall not be eligible for arbitration under this Rule 1107.

(c) **Predispute Arbitration Agreements.** The requirements of CBOE Rule 18.35 shall apply to predispute arbitration agreements between Members and their customers.

(d) **Referrals.** If any matter comes to the attention of an arbitrator during and in connection with the arbitrator’s participation in a proceeding, either from the record of the proceeding or from material or communications related to the proceeding, that the arbitrator has reason to believe may constitute a violation of the Exchange’s Rules or the federal securities laws, the arbitrator may initiate a referral of the matter to the Exchange for disciplinary investigation; provided, however, that any such referral should only be initiated by an arbitrator after the matter before him has been settled or otherwise disposed of, or after an award finally disposing of the matter has been rendered pursuant to Rule 18.31 of the CBOE Arbitration Rules.

(e) **Payment of Awards.** Any Member, or person associated with a Member, who fails to honor an award of arbitrators appointed in accordance with this Rule 1107 shall be subject to disciplinary proceedings in accordance with Chapter X (Discipline).

(f) **Other Exchange Actions.** The submission of any matter to arbitration under this Chapter shall in no way limit or preclude any right, action or determination by the Exchange which it would otherwise be authorized to adopt, administer or enforce.

CHAPTER XII. ORGANIZATION AND ADMINISTRATION

Rule 1200. Divisions of the Exchange

The divisions of the Exchange shall include the Regulatory Division and such other Divisions as the Chief Executive Officer, with the approval of the Board, may establish. The Chief Executive Officer shall appoint a head of every Division and may designate departments within each Division.

Rule 1201. Designees

(a) The Chief Executive Officer (“CEO”) or the Chief Regulatory Officer (“CRO”) of the Exchange may formally designate one or more qualified employees of MIAX to act in place of any person named in a rule as having authority to act under such rule in the event that the named person in the rule is not available to administer that rule.

(b) For purposes of a designation by the CEO, a qualified employee is: (1) any officer of MIAX that the CEO deems to possess the requisite knowledge and job qualifications to administer that rule; or (2) any employee of the Exchange that the CEO and the Board of Directors deems to possess the requisite knowledge and job qualifications to administer that rule.

(c) For purposes of a designation by the CRO, a qualified employee is: (1) any officer of the MIAX Regulatory Division that the CRO deems to possess the requisite knowledge and job qualifications to administer that rule; or (2) an employee of the MIAX Regulatory Division that the CRO and the Board of Directors deems to possess the requisite knowledge and job qualifications to administer that rule.

Rule 1202. Membership Dues

(a) The dues payable by Members shall be fixed from time to time by the Board. Dues shall be payable in full on the first day of each month on a nonrefundable basis and shall be applied to the month beginning on that day. The Board may, on the request of a Member who is serving on active duty in the Armed Forces of the United States, waive dues during the period of such service.

(b) In addition to the fees and charges provided for by Rule 1202, the Board may, from time to time, fix and impose other fees, assessments or charges to be paid to the Exchange or to an organization designated by the Exchange by Members or by categories of Members with respect to applications, registrations, approvals, use of Exchange facilities, or other services or privileges granted.

Rule 1203. Other Fees and Charges

(a) **Access Fees.** The access fees payable by Members shall be fixed from time to time by the Board.

(b) **Transaction Fees.** Members shall pay a fee for each transaction they execute on the Exchange, as may be determined by the Board.

(c) **Communication Fees.** The Board may, at its discretion, impose a communication fee for quotes entered on the Exchange in addition to the fee contained in Rule 1202(b).

(d) **Regulatory Fees or Charges.** In addition to the dues and charges specified in this Chapter, the Board may, from time to time, fix and impose other fees, assessments or charges to be paid to the Exchange by Members or by Classes of Members with respect to applications, registrations, approvals, use of Exchange facilities, regulatory oversight or other services or privileges granted.

Rule 1204. Liability for Payment of Fees

(a) Any Member that does not pay any dues, fees, assessments, charges, fines or other amounts due to the Exchange within thirty (30) days after they have become payable shall be reported to the President, who may, after giving reasonable notice to the Member of such arrearages, suspend the Member's trading privileges until payment is made.

(b) A person associated with a Member who fails to pay any fine or other amounts due to the Exchange within thirty (30) days after such amount has become payable and after reasonable notice of such arrearages, may be suspended from association with a Member until payment is made.

Rule 1205. Exchange's Costs of Defending Legal Proceedings

Any Member or person associated with a Member who fails to prevail in a lawsuit or other legal proceeding instituted by such person against the Exchange or any of its Directors, officers, committee members, limited liability members, employees or agents, and related to the business of the Exchange, shall pay to the Exchange all reasonable expenses, including attorneys' fees, incurred by the Exchange in the defense of such proceeding, but only in the event that such expenses exceed fifty thousand dollars (\$50,000). This provision shall not apply to disciplinary actions by the Exchange, to administrative appeals of Exchange actions or in any specific instance where the Board has granted a waiver of this provision.

Rule 1206. Committees of the Exchange

(a) **Establishment of Committees.** The Chief Executive Officer, with the approval of the Board, shall appoint any committee members that are not Directors to committees established by the Board in the By-Laws, or established by the Chief Executive Officer pursuant to authority delegated to him by the Board.

(b) **Removal of Committee Members.** The Chief Executive Officer may, with the approval of the Board, remove any committee member that is not a Director for refusal, neglect, or inability to discharge such committee member's duties.

(c) **Committee Procedures.** Except as otherwise provided in the By-Laws, the Rules or resolution of the Board, each committee shall determine its own time and manner of conducting its meetings and the vote of a majority of the members of a committee present at a meeting at which a quorum is present shall be the act of the committee. Committees may act informally by written consent of all of the members of the committee.

(d) **General Duties and Powers of Committees.** Each committee shall administer the provisions of the By-Laws and the Rules pertaining to matters within its jurisdiction. Each committee shall have such other powers and duties as may be delegated to it by the Board. Each committee is subject to the control and supervision of the Board.

Rule 1207. Sales Value Fee

(a) The Sales Value Fee is assessed by the Exchange to each Member for sales on the Exchange with respect to which the Exchange is obligated to pay a fee to the Commission pursuant to Section 31 of the Exchange Act. To the extent there may be any excess monies collected under this rule, the Exchange may retain those monies to help fund general operating expenses. The sales transactions to which the fee applies are sales of options (other than options on a security index) and the sales of securities resulting from the exercise of physical-delivery options. The fee is collected indirectly from Members through their clearing firms by The Options Clearing Corporation on behalf of MIAX with respect to option sales and options exercises.

(b) The Sales Value Fee is equal to the Section 31 fee rate multiplied by the Member's aggregate dollar amount of covered sales resulting from options transactions occurring on the Exchange during any computational period.

CHAPTER XIII. DOING BUSINESS WITH THE PUBLIC

Rule 1300. Eligibility

A Member may be approved by the Exchange to transact business with the public only if such Member is also a member of another registered national securities exchange or association with which the Exchange has entered into an agreement under Rule 17d-2 under the Exchange Act pursuant to which such other exchange or association shall be the designated examining authority for the Member. Approval to transact business with the public shall be based on a Member's meeting the general requirements set forth in this Chapter and the net capital requirements set forth in Chapter XVI (Net Capital Requirements). Such approval may be withdrawn if any such requirements cease to be met.

Rule 1301. Registration of Options Principals

(a) No Member shall be approved to transact options business with the public until those associated persons who are designated as Options Principals have been approved by and registered with the Exchange. Persons engaged in the supervision of options sales practices or a person to whom the designated general partner or executive officer (pursuant to Rule 1308) or another Registered Options Principal delegates the authority to supervise options sales practices shall be designated as Options Principals.

(b) In connection with their registration, Options Principals shall electronically file a Uniform Application for Securities Industry Registration or Transfer (Form U4) with the FINRA's Web CRD System, shall successfully complete an examination prescribed by the Exchange for the purpose of demonstrating an adequate knowledge of the options business and of the Rules, and shall further agree in the U4 filing to abide by the Rules and the Rules of the Clearing Corporation. Any person required to complete Form U4 shall promptly electronically file any required amendments to Form U4 with the FINRA's Web CRD System.

(c) Termination of employment or affiliation of any Options Principal in such capacity shall be promptly electronically reported to the FINRA's Web CRD System together with a brief statement of the reason for such termination on Form U5.

(d) Individuals engaged in the supervision of options sales practices and designated as Options Principals are required to qualify as an Options Principal by passing the Registered Options Principals Qualification Examination (Series 4) or the Sales Supervisor Qualification Examination (Series 9/10).

(e) Individuals who are delegated responsibility pursuant to Rule 1308 for the acceptance of discretionary accounts, for approving exceptions to a Member's criteria or standards for uncovered options accounts, and for approval of communications, shall be designated as Options Principals and are required to qualify as an Options Principal by passing the Registered Options Principal Qualification Examination (Series 4).

Rule 1302. Registration of Representatives

(a) No Member shall be approved to transact business with the public until those persons associated with it who are designated Representatives have been approved by and registered with the Exchange.

(b) Persons who perform duties for the Member which are customarily performed by sales representatives or branch office managers shall be designated as Representatives of the Member.

(c) In connection with their registration, Representatives shall electronically file a Uniform Application for Securities Industry Registration or Transfer (Form U4) with the FINRA's Web CRD System by appropriately checking the MIAX as a requested registration on the electronic U4 filing, and shall successfully complete an examination for the purpose of demonstrating an adequate knowledge of the securities business, and shall further agree in the U4 filing to abide by the Rules of the Exchange and the Rules of the Clearing Corporation. Any person

required to complete Form U4 shall promptly electronically file any required amendments to Form U4 with the FINRA's Web CRD System.

(d) A person accepting orders from non-member customers (unless such customer is a broker-dealer registered with the Securities and Exchange Commission) is required to register with the Exchange and to be qualified by passing the General Securities Registered Representative Examination (Series 7).

Rule 1303. Termination of Registered Persons

(a) The discharge or termination of employment of any registered person, together with the reasons therefor, shall be electronically reported to the FINRA's Web CRD System, by a Member immediately following the date of termination, but in no event later than thirty (30) days following termination on a Uniform Termination Notice for Securities Industry Registration (Form U-5). A copy of the Form U5 shall be provided concurrently to the person whose association has been terminated.

(b) The Member shall electronically report to the FINRA's Web CRD System, by means of an amendment to the Form U-5 filed pursuant to paragraph (a) above, in the event that the Member learns of facts or circumstances causing any information set forth in the Form U5 to become inaccurate or incomplete. Such amendment shall be provided concurrently to the person whose association has been terminated no later than thirty (30) days after the Member learns of the facts or circumstances giving rise to the need for the amendment.

Rule 1304. Continuing Education for Registered Persons

(a) **Regulatory Element.** No Member shall permit any registered person to continue to, and no registered person shall continue to, perform duties as a registered person, unless such person has complied with the continuing education requirements of this paragraph (a). Each registered person shall complete the Regulatory Element of the continuing education program on the occurrence of their second registration anniversary date and every three years thereafter or as otherwise prescribed by the Exchange. On each occasion, the Regulatory Element must be completed within 120 days after the person's registration anniversary date. A person's initial registration date shall establish the cycle of anniversary dates for purposes of this Rule. The content of the Regulatory Element of the program shall be determined by the Exchange for each registration category of persons subject to the Rule.

(1) **Failure to Complete.** Unless otherwise determined by the Exchange, any registered persons who have not completed the Regulatory Element of the program within the prescribed time frames will have their registration deemed inactive until such time as the requirements of the program have been satisfied. Any person whose registration has been deemed inactive under this Rule shall cease all activities as a registered person and is prohibited from performing any duties and functioning in any capacity requiring registration. The Exchange may, upon application and a showing of good cause, allow for additional time for a registered person to satisfy the program requirements.

(2) **Re-Entry Into Program.** Unless otherwise determined by the Exchange, a registered person will be required to re-enter the Regulatory Element and satisfy all of its requirements in the event such person:

(i) becomes subject to any statutory disqualification as defined in Section 3(a)(39) of the Exchange Act,

(ii) becomes subject to suspension or to the imposition of a fine of \$5,000 or more for violation of any provision of any securities law or regulation, or any agreement with or rule or standard of conduct of any securities governmental agency, securities SRO, or as imposed by any such regulatory organization in connection with a disciplinary proceeding, or

(iii) is ordered as a sanction in a disciplinary action to reenter the continuing education program by any securities governmental agency or securities SRO.

(3) Re-entry shall commence with initial participation within 120 days of the registered person becoming subject to the statutory disqualification, in the case of (i) above, or the disciplinary action becoming final, in the case of (ii) or (iii) above. The date that the disciplinary action becomes final will be deemed the person's initial registration anniversary date for purposes of this Rule.

(b) Firm Element.

(1) **Persons Subject to the Firm Element.** The requirements of paragraph (b) of this Rule shall apply to any registered person who has direct contact with customers in the conduct of the Member's securities sales, trading or investment banking activities, and to the immediate supervisors of such persons (collectively "covered registered persons").

(2) Standards.

(i) Each Member must maintain a continuing and current education program for its covered registered persons to enhance their securities knowledge, skills and professionalism. At a minimum each Member shall at least annually evaluate and prioritize its training needs and develop a written training plan. The plan must take into consideration the Member's size, organizational structure and scope of business activities, as well as regulatory development and the performance of covered registered persons in the Regulatory Element. If a Member's analysis determines a need for supervisory training for persons with supervisory responsibilities, such training must be included in the Member's training plan.

(ii) **Minimum Standards for Training Programs.** Programs used to implement a Member's training plan must be appropriate for the business of the Member and, at a minimum, must cover the following matters concerning securities products, services and strategies offered by the Member:

(A) general investment features and associated risk factors.

(B) suitability and sales practice considerations.

(C) applicable regulatory requirements.

(iii) **Administration of Continuing Education Program.** Each Member must administer its continuing education program in accordance with its annual evaluation and written plan and must maintain records documenting the content of the programs and completion of the programs by covered registered persons.

(3) **Participation in the Firm Element.** Covered registered persons included in a Member's plan must take all appropriate and reasonable steps to participate in continuing education programs as required by the Member.

Interpretations and Policies:

.01 For purposes of this Rule, the term "registered person" means any Member, representative or other person registered or required to be registered under the Rules.

.02 For purposes of this Rule, the term "customer" means any natural person or any organization, other than a registered broker or dealer, executing transactions in securities or other similar instruments with or through, or receiving investment banking services from, a Member.

.03 Any registered person who has terminated association with a registered broker or dealer and who has, within two (2) years of the date of termination, become reassociated in a registered capacity with a registered broker or dealer shall participate in the Regulatory Element of the continuing education program as such intervals that apply (second registration anniversary and every three years thereafter) based on the initial registration anniversary date, rather than based on the date of reassociation in a registered capacity. Any former registered person who becomes reassociated in a registered capacity with a registered broker or dealer more than two (2) years after termination as

such will be required to satisfy the program's requirements in their entirety (second registration anniversary and every three years thereafter), based on the most recent registration date.

.04 A registration that is deemed inactive for a period of two (2) calendar years pursuant to paragraph (a)(2) of this Rule for failure of a registered person to complete the Regulatory Element, shall be terminated. A person whose registration is so terminated may become registered only by reapplying for registration and satisfying applicable registration and qualification requirements of the Exchange's Rules.

Rule 1305. Discipline, Suspension, Expulsion of Registered Persons

The Exchange may discipline, suspend or terminate the registration of any registered person for violation of the Rules or the Rules of the Clearing Corporation.

Rule 1306. Branch Offices

(a) Every Member approved to do options business with the public under this Chapter shall file with the Exchange and keep current a list of each of its branch offices showing the location of each such office and the name of the manager of each such office.

(b) No branch office of a Member shall transact options business with the public unless the manager of such branch office has been qualified as an Options Principal; provided, that this requirement shall not apply to branch offices in which not more than three (3) Representatives are located so long as the Member can demonstrate that the options activities of such branch offices are appropriately supervised by an Options Principal.

(c) **Definition of Branch Office.** A "branch office" is any location where one or more associated persons of a Member regularly conduct the business of effecting any transactions in, or inducing or attempting to induce the purchase or sale of any security, or is held out as such, excluding:

(1) any location that is established solely for customer service and/or back office type functions where no sales activities are conducted and that is not held out to the public as a branch office;

(2) any location that is the associated person's primary residence; provided that:

(i) only one associated person, or multiple associated persons, who reside at that location and are members of the same immediate family, conduct business at the location;

(ii) the location is not held out to the public as an office and the associated person does not meet with customers at the location;

(iii) neither customer funds nor securities are handled at that location;

(iv) the associated person is assigned to a designated branch office, and such branch office is reflected on all business cards, stationery, advertisements and other communications to the public by such associated person;

(v) the associated person's correspondence and communications with the public are subject to all supervisory provisions of the Exchange's Rules;

(vi) electronic communications (e.g., e-mail) are made through the Member's electronic system;

(vii) all orders are entered through the designated branch office or an electronic system established by the Member that is reviewable at the branch office;

(viii) written supervisory procedures pertaining to supervision of sales activities conducted at the residence are maintained by the Member; and

(ix) a list of the locations is maintained by the Member;

(3) any location, other than a primary residence, that is used for securities business for less than 30 business days in anyone calendar year, provided the Member complies with the provisions of (ii) through (viii) of paragraph (2) above;

(4) an office of convenience, where the associated person occasionally and exclusively by appointment meets with customers, which is not held out to the public as a branch office (where such location is on bank premises, however, only signage required by the Interagency Statement (Statement on Retail Sales of Nondeposit Investment Products required under Banking Regulations) may be displayed);

(5) any location that is used primarily to engage in non-securities activities and from which the associated person effects no more than 25 securities transactions in any one calendar year; provided that any advertisements or sales literature identifying such location also sets forth the address and telephone number of the location from which the associated person conducting business at the non-branch locations are directly supervised;

(6) the Floor of a registered national securities exchange where a Member conducts a direct access business with public customers; or

(7) a temporary location established in response to the implementation of a business continuity plan.

(d) Notwithstanding the exclusions in subparagraphs (c) (1) - (7) above, any location that is responsible for supervising the activities of persons associated with a Member at one or more non-branch locations of such Member is considered to be a branch office.

(e) For purposes of this Rule, the term "business day" shall not include any partial business day provided that the associated person spends at least four hours on such business day at his or her designated branch office during the hours that such office is normally open for business.

(f) For purposes of this Rule, the term "associated person of a Member" is defined as a Member or employee associated with a Member.

(g) For purposes of (c)(2)(viii) above, written supervisory procedures shall include criteria for on-site for cause reviews of an associated person's primary residence. Such reviews must utilize risk-based sampling or other techniques designed to assure compliance with applicable securities laws and regulations and with Exchange Rules.

(h) For purposes of (c)(2)(viii) and (3) above, written supervisory procedures for such residences and other remote locations must be designed to assure compliance with applicable securities laws and regulations and with Exchange Rules.

(i) Factors which should be considered when developing risk-based sampling techniques to determine the appropriateness of on-site for cause reviews of selected residences and other remote locations shall include, but not be limited to, the following: (1) the firm's size; (2) the firm's organizational structure; (3) the scope of business activities; (4) the number and location of offices; (5) the number of associated persons assigned to a location; (6) the nature and complexity of products and services offered; (7) the volume of business done; (8) whether the location has a Series 9/10-qualified person on-site; (9) the disciplinary history of the registered persons or associated persons, including a review of such person's customer complaints and Forms U4 and U5; and (10) the nature and extent of a registered person's or associated person's outside business activities, whether or not related to the securities business.

Rule 1307. Opening of Accounts

(a) **Approval Required.** No Member shall accept an order from a customer to purchase or write an option contract unless the customer's account has been approved for options transactions in accordance with the provisions of this Rule.

(b) **Diligence in Opening Account.** In approving a customer's account for options transactions, a Member shall exercise due diligence to learn the essential facts as to the customer and his investment objectives and financial situation, and shall make a record of such information, which shall be retained in accordance with Rule 1308. Based upon such information, the branch office manager or other Options Principal shall approve in writing the customer's account for options transactions; provided, that if the branch office manager is not an Options Principal, his approval shall within a reasonable time be confirmed by an Options Principal.

(1) In fulfilling its obligations under this paragraph with respect to options customers that are natural persons, a Member shall seek to obtain the following information at a minimum (information shall be obtained for all members in a joint account):

(i) investment objectives (e.g., safety of principal, income, growth, trading profits, speculation);

(ii) employment status (name of employer, self-employed or retired);

(iii) estimated annual income from all sources;

(iv) estimated net worth (exclusive of family residence);

(v) estimated liquid net worth (cash, securities, other);

(vi) marital status;

(vii) number of dependents;

(viii) age; and

(ix) investment experience and knowledge (e.g., number of years, size, frequency and type of transactions for options, stocks and bonds, commodities, other).

(2) In addition to the information required in subparagraph (1) above, the customer's account records shall contain the following information, if applicable:

(i) source or sources of background and financial information (including estimates) concerning the customer;

(ii) discretionary trading authorization, including agreement on file, name, relationship to customer and experience of person holding trading authority;

(iii) date(s) options disclosure document(s) furnished to customer;

(iv) nature and types of transactions for which account is approved (e.g., buying, covered writing, uncovered writing, spreading, discretionary transactions);

(v) name of Representative;

(vi) name of Options Principal approving account;

(vii) date of approval; and

(viii) dates of verification of currency of account information.

(3) Refusal of a customer to provide any of the information called for in this paragraph (b) shall be so noted on the customer's records at the time the account is opened. Information provided shall be considered together with other information available in determining whether and to what extent to approve the account for options transactions.

(c) **Verification of Customer Background and Financial Information.** The background and financial information upon which the account of every new customer that is a natural person has been approved for options trading, including all of the information required in paragraph (b)(2) of this Rule, unless the information is included in the customer's account agreement, shall be sent to the customer for verification or correction within fifteen (15) days after the customer's account has been approved for options transactions. A copy of the background and financial information on file with the Member shall also be sent to the customer for verification within fifteen (15) days after the Member becomes aware of any material change in the customer's financial situation. Absent advice from the customer to the contrary, the information will be deemed to be verified.

(d) **Agreements to Be Obtained.** Within fifteen (15) days after a customer's account has been approved for options transactions, a Member shall obtain from the customer a written agreement that the account shall be handled in accordance with the Rules and the Rules of the Clearing Corporation and that such customer, acting alone or in concert with others, will not violate the position or exercise limits set forth in Rules 307 and 309.

(e) **Options Disclosure Documents to Be Furnished.** At or prior to the time a customer's account is approved for options transactions, a Member shall furnish the customer with one (1) or more current options disclosure documents in accordance with the requirements of Rule 1315.

(f) Every Member transacting business with the public in uncovered option contracts shall develop, implement and maintain specific written procedures governing the conduct of such business that shall at least include the following:

(1) specific criteria and standards to be used in evaluating the suitability of uncovered short options transactions for a particular customer;

(2) specific procedures for approval of accounts engaged in writing uncovered short option contracts (which for the purposes of this Rule shall include combinations and any transactions that involve naked writing), including written approval of such accounts by an Options Principal;

(3) designation of a specific Registered Options Principal qualified individual(s) as the person responsible for approving accounts that do not meet the specific criteria and standards for writing uncovered short options transactions and for maintaining written records of the reasons for every account so approved;

(4) establishment of specific minimum net equity requirements for initial approval and maintenance of customer uncovered options accounts; and

(5) requirements that customers approved for writing uncovered short options transactions be provided with a special written description of the risks inherent in writing uncovered short options transactions, at or prior to the initial uncovered short options transaction pursuant to Rule 1315(c).

Rule 1308. Supervision of Accounts

(a) **Duty to Supervise--Non-Member Accounts.** The general partners or directors of each Member that conducts a non-member customer business shall provide for appropriate supervisory control and shall designate a general partner or executive officer, who shall be identified to the Exchange, to assume overall authority and responsibility

for internal supervision and control of the organization and compliance with securities laws and regulations. This person, who may be the same individual designated pursuant to substantially similar New York Stock Exchange or FINRA rules, shall:

(1) Delegate to qualified employees responsibilities and authority for supervision and control of each office, department or business activity, and shall provide for appropriate written procedures of supervision and control.

(2) Establish a separate system of follow-up and review to determine that the delegated authority and responsibility is being properly exercised.

(3) Develop and implement written policies and procedures reasonably designed to independently supervise the activities of accounts serviced by branch office managers, sales managers, regional/district sales managers or any person performing a similar supervisory function. Such supervisory reviews must be performed by a qualified Registered Options Principal who:

(i) Is either senior to, or otherwise independent of, the producing manager under review. For purposes of this Rule, an "otherwise independent" person: may not report either directly or indirectly to the producing manager under review; must be situated in an office other than the office of the producing manager; must not otherwise have supervisory responsibility over the activity being reviewed; and must alternate such review responsibility with another qualified person every two years or less. Further, if a person designated to review a producing manager receives an override or other income derived from that producing manager's customer activity that represents more than 10% of the designated person's gross income derived from the Member over the course of a rolling twelve-month period, the Member must establish alternative senior or otherwise independent supervision of that producing manager to be conducted by a qualified Registered Options Principal other than the designated person receiving the income.

(ii) If a Member is so limited in size and resources that there is no qualified Registered Options Principal senior to, or otherwise independent of, the producing manager to conduct the reviews pursuant to paragraph (a)(3)(i) of this Rule (for instance, the Member has only one office, or an insufficient number of qualified personnel who can conduct reviews on a two-year rotation), the reviews may be conducted by a Registered Options Principal in compliance with paragraph (a)(3)(i) of this Rule to the extent practicable.

(iii) A Member relying on paragraph (a)(3)(ii) of this Rule must document the factors used to determine that complete compliance with all of the provisions of paragraph (a)(3)(i) of this Rule is not possible, and that the required supervisory systems and procedures in place with respect to any producing manager comply with the provisions of paragraph (a)(3)(i) of this Rule to the extent practicable.

(b) Maintenance of Customer Records.

(1) Background and financial information of customers who have been approved for options transactions shall be maintained at both the branch office servicing the customer's account and the principal supervisory office having jurisdiction over that branch office. Copies of account statements of options customers shall be maintained at both the branch office supervising the accounts and the principal supervisory office having jurisdiction over that branch for the most recent six-month period. With respect to the record retention responsibility of principal supervisory offices, customer information and account statements may be maintained at a location off premises so long as the records are readily accessible and promptly retrievable. Other records necessary to the proper supervision of accounts shall be maintained at a place easily accessible both to the branch office servicing the customer's account and to the principal supervisory office having jurisdiction over that branch office.

(2) Upon the written instructions of a customer, a Member may hold mail for a customer who will not be at his or her usual address for the period of his or her absence, but (i) not to exceed two months if the Member is advised that such customer will be on vacation or traveling or (ii) not to exceed three months if the customer is going abroad.

(3) Before any customer order is executed, there must be placed upon the memorandum for each transaction, the name or designation of the account (or accounts) for which such order is to be executed. No change in such account name(s) (including related accounts) or designation(s) (including error accounts) shall be made unless the change has been authorized by a Member or a person(s) designated by the designated general partner or executive officer (pursuant to Rule 1308). Such person must, prior to giving his or her approval of the account designation change, be personally informed of the essential facts relative thereto and indicate his or her approval of such change in writing on the order or other similar record of the Member. The essential facts relied upon by the person approving the change must be documented in writing and preserved for a period of not less than three years, the first two years in an easily accessible place, as the term "easily accessible place" is used in SEC Rule 17a-4.

(4) For purposes of this paragraph (b)(3), a person(s) designated by the designated general partner or officer (pursuant to Rule 1308) must be a Registered Options Principal.

(c) Internal Controls.

(1) Members must develop and maintain adequate controls over each of its business activities. Such controls must provide for the establishment of procedures for verification and testing of those business activities. An ongoing analysis, based upon appropriate criteria, may be employed to assess and prioritize those business activities requiring independent verification and testing. A review of each Member's efforts with respect to internal controls, including a summary of tests conducted and significant exceptions identified, must be included in the annual report required by paragraph (g) of this Rule.

(2) A Member that complies with requirements of the New York Stock Exchange or FINRA that are substantially similar to the requirements in paragraph (c)(1) of this Rule will be deemed to have met such requirements.

(d) Annual Branch Office Inspections.

(1) Each branch office that supervises one or more non-branch locations must be inspected no less often than once each calendar year unless:

(i) it has been demonstrated to the satisfaction of the Exchange that because of proximity, special reporting or supervisory practice, other arrangements may satisfy this Rule's requirements for a particular branch office; or

(ii) based upon the written policies and procedures of such Member providing for a systematic risk-based surveillance system, the Member submits a proposal to the Exchange and receives, in writing, an exemption from this requirement pursuant to paragraph (e) of this Rule.

(2) Every branch office, without exception, must be inspected at least once every three calendar-years. All required inspections must be conducted by a person who is independent of the direct supervision and control of the branch office in question (i.e., not the branch office manager, or any person who directly or indirectly reports to such manager, or any person to whom such manager directly reports). Written reports reflecting the results of such inspections are to be maintained with the Member for the longer of three years or until the next branch office inspection.

(3) A Member that complies with requirements of the New York Stock Exchange or FINRA that are substantially similar to the requirements in paragraph (d)(1) and (d)(2) of this Rule as well as to related requirements in paragraphs (e) and (f) of this Rule will be deemed to have met such requirements.

(e) Risk -Based Surveillance and Branch Office Identification.

(1) Any Member seeking an exemption, pursuant to Rule 1308(d)(1)(ii), from the annual branch office inspection requirement must submit to the Exchange written policies and procedures for systematic risk-based surveillance of its branch offices. Such policies and procedures should reflect, among other factors, the Member's business model and product mix. Such policies and procedures must also, at a minimum, provide for:

(i) The inspection of branches where developments during the year require a reconsideration of such branch's exemption;

(ii) A requirement that no less than half of the branch offices inspected each year on a cycle basis be done on an unannounced basis; and

(iii) A system to enable employees to report compliance issues on a confidential basis outside of the branch office chain of command.

(2) For purposes of paragraph (e)(1) of this Rule, the risk-based factors to be considered should include, but not necessarily be limited to, the following:

(i) Number of Registered Representatives;

(ii) A significant increase in the number of Registered Representatives;

(iii) Number of customers and volume of transactions;

(iv) A significant increase in branch office revenues;

(v) Incidence of concentrated securities positions in customer's accounts;

(vi) Aggregate customer assets held;

(vii) Nature of the business conducted and the sales practice risk to investors associated with the products sold, and product mix (e.g. options, equities, mutual funds, annuities, etc.);

(viii) Numbers of accounts serviced on a discretionary basis;

(ix) Compliance and regulatory history of the branch, including:

(A) Registered Representatives subject to special supervision by the Member, self-regulatory authorities, state regulatory authorities or the Securities and Exchange Commission in years other than the previous or current year;

(B) Complaints, arbitrations, internal discipline, or prior inspection findings; and

(C) Persons subject to recent disciplinary actions by self-regulatory authorities, state regulatory authorities or the Securities and Exchange Commission.

(x) Operational factors, such as the number of errors and account designation changes per Registered Representative;

(xi) Incidence of accommodation mailing addresses (e.g., post office boxes and "care of" accounts);

(xii) Whether the branch office permits checks to be picked up by customers or hand delivery of checks to customers;

(xiii) Experience, function (producing or non-producing) and compensation structure of branch office manager;

(xiv) Branch offices recently opened or acquired; and

(xv) Changes in branch location, status or management personnel.

(3) Notwithstanding any policies or procedures implemented pursuant to this Rule, branch offices that meet any of the following criteria must be inspected no less often than once each calendar year:

(i) Offices with one or more Registered Representatives subject to special supervision as required by a self-regulatory authority or state regulatory authority during the current or immediately preceding year.

(ii) Offices with 25 or more registered individuals;

(iii) Offices in the top 20% of production or customer assets for the Member organization;

(iv) Any branch office not inspected within the previous two calendar years; and

(v) Any branch office designated as exercising supervision over another branch office.

(f) **Criteria for Inspection Programs.** An annual branch office inspection program must include, but is not limited to, testing and independent verification of internal controls related to the following areas:

(1) Safeguarding of customer funds and securities;

(2) Maintaining books and records;

(3) Supervision of customer accounts serviced by branch office managers;

(4) Transmittal of funds between customers and Registered Representatives and between customers and third parties;

(5) Validation of customer address changes; and

(6) Validation of changes in customer account information.

(g) **Written Report.** By April 1 of each year, each Member that conducts a non-member customer business shall submit to the Exchange a written report on the Member's supervision and compliance effort during the preceding year and on the adequacy of the Member's ongoing compliance processes and procedures. Each Member that conducts a public customer options business shall also specifically include its options compliance program in the report. The report shall include, but not be limited to, the following:

(1) A tabulation of customer complaints (including arbitrations and civil actions) and internal investigations.

(2) Identification and analysis of significant compliance problems, plans for future systems or procedures to prevent and detect violations and problems, and an assessment of the preceding year's efforts of this nature.

(3) Discussion of the preceding year's compliance efforts, new procedures, educational programs, etc. in each of the following areas: (i) antifraud and trading practices; (ii) investment banking activities; (iii) sales practices; (iv) books and records; (v) finance and operations; (vi) supervision; (vii) internal controls, and (viii) anti-money laundering. If any of these areas do not apply to the Member organization, the report shall so state.

(4) For each Member, the designation of a general partner or principal executive officer as Chief Compliance Officer (which designation shall be updated on Schedule A of Form BD).

(5) A certification signed by the Member's Chief Executive Officer (or equivalent), that:

(i) The Member has in place processes to:

(A) establish and maintain policies and procedures reasonably designed to achieve compliance with applicable Exchange Rules and federal securities laws and regulations;

(B) modify such policies and procedures as business, regulatory and legislative changes and events dictate; and

(C) test the effectiveness of such policies and procedures on a regular basis, the timing and extent of which is reasonably designed to ensure continuing compliance with Exchange Rules and federal securities laws and regulations.

(ii) the Chief Executive Officer (or equivalent officer) conducted one or more meetings with the organization's Chief Compliance Officer during the preceding 12 months, and that they discussed and reviewed the matters described in this certification, including the organization's prior compliance efforts, and identified and addressed significant compliance problems and plans for emerging business areas;

(iii) the processes described in paragraph (g)(5)(i) of this Rule, are evidenced in a report reviewed by the Chief Executive Officer (or equivalent officer), Chief Compliance Officer and such other officers as the organization may deem necessary to make this certification, and submitted to the organization's board of directors and audit committee (if such committee exists) on or before April 1st of each year; and

(iv) the Chief Executive Officer (or equivalent officer) has consulted with the Chief Compliance Officer and other officers referenced in paragraph (g)(5)(iii) of this Rule and such other employees, outside consultants, lawyers and accountants, to the extent they deem appropriate, in order to attest to the statements made in this certification.

(6) A Member that specifically includes its options compliance program in a report that complies with substantially similar requirements of the New York Stock Exchange or FINRA will be deemed to have met the requirements of this Rule 1307(g) and Rule 1307(h).

(h) Reports to Control Persons. By April 1 of each year, each Member shall submit a copy of the report that Rule 1307(g) requires the Member to prepare to its one or more control persons or, if the Member has no control person, to the audit committee of its board of directors or its equivalent committee or group. In the case of a control person that is an organization (a "controlling organization"), the Member shall submit the report to the general counsel of the controlling organization and to the audit committee of the controlling organization's board of directors or its equivalent committee or group. For the purpose of this paragraph, "control person" means a person who controls the Member organization within the meaning of Rule 100.

(i) Each Member that conducts a non-member customer business shall establish, maintain, and enforce written procedures which detail the specific methods used to supervise all non-member customer accounts, and all orders in such accounts. Such written procedures shall specifically identify the titles and positions of individuals who have been delegated authority and responsibility for an identified segment of the Member organization's business, including option compliance functions. The procedures shall also include the registration status and location of all such supervisory and compliance personnel. Each Member shall also develop and implement specific written procedures concerning the manner of supervision of customer accounts maintaining uncovered short option positions, and specifically providing for frequent supervisory review of such accounts.

(j) Each Member shall maintain at the principal supervisory office having jurisdiction over the office servicing the customer's account, or shall have readily accessible and promptly retrievable, information to permit review of each customer's options account on a timely basis to determine (i) the compatibility of options transactions with investment objectives and with the types of transactions for which the account was approved; (ii) the size and frequency of options transactions; (iii) commission activity in the account; (iv) profit or loss in the account; (v) undue concentration in any options class or classes and (vi) compliance with the provisions of Regulation T of the Federal Reserve Board.

(k) Documentation evidencing the annual written report required by paragraph (g) of this Rule, must be maintained in a place that is easily accessible and shall be provided to the Exchange upon request.

Rule 1309. Suitability of Recommendations

(a) Every Member, Options Principal or Representative who recommends to a customer the purchase or sale (writing) of any option contract shall have reasonable grounds for believing that the recommendation is not unsuitable for such customer on the basis of the information furnished by such customer after reasonable inquiry as to his investment objectives, financial situation and needs, and any other information known by such Member, Options Principal or Representative.

(b) No Member, Options Principal or Representative shall recommend to a customer an opening transaction in any option contract unless the person making the recommendation has a reasonable basis for believing at the time of making the recommendation that the customer has such knowledge and experience in financial matters that he may reasonably be expected to be capable of evaluating the risks of the recommended transaction, and is financially able to bear the risks of the recommended position in the option contract.

Rule 1310. Discretionary Accounts

(a) **Authorization and Approval Required.** No Member shall exercise any discretionary power with respect to trading in option contracts in a customer's account unless such customer has given prior written authorization and the account has been accepted in writing by an Options Principal.

(1) Each firm shall designate specific Registered Options Principal qualified individuals pursuant to Rule 1308 to review discretionary accounts. A Registered Options Principal qualified person specifically delegated such responsibilities under Rule 1308 (who is an individual other than the Registered Options Principal who accepted the account) shall review the acceptance of each discretionary account to determine that the Registered Options Principal accepting the account had a reasonable basis for believing that the customer was able to understand and bear the risks of the strategies or transactions proposed, and the individual shall maintain a record of the basis for his determination.

(2) Every discretionary order shall be identified as discretionary on the order at the time of its entry into the System.

(3) Discretionary accounts shall receive frequent appropriate supervisory review by a Registered Options Principal qualified person specifically delegated such responsibilities under Rule 1308 who is not exercising the discretionary authority.

(b) **Record of Transactions.** A record shall be made of every options transaction for an account with respect to which a Member is vested with any discretionary power, such record to include the name of the customer, options class and series, number of contracts, premium, and date and time when such transaction took place.

(c) **Excessive Transactions Prohibited.** No Member shall effect with or for any customer's account with respect to which such Member is vested with any discretionary power any transactions of purchase or sale of option contracts that are excessive in size or frequency in view of the financial resources and character of such account.

(d) **Discretion as to Price or Time Excepted.** This Rule shall not apply to discretion as to the price at which or the time when an order given by a customer for the purchase or sale of a definite number of option contracts in a specified security shall be executed, except that the authority to exercise time and price discretion will be considered to be in effect only until the end of the business day on which the customer granted such discretion, absent a specific, written contrary indication signed and dated by the customer. This limitation shall not apply to time and price discretion exercised in an institutional account, as defined below, pursuant to valid Good-Till-Cancelled instructions issued on a "not held" basis. Any exercise of time and price discretion must be reflected on the order ticket. As used in this paragraph (d) the term "institutional account" shall mean the account of:

(1) a bank, savings and loan association, insurance company, or registered investment company;

(2) an investment adviser registered either with the Securities and Exchange Commission under Section 203 of the Investment Advisers Act of 1940 or with a state securities commission (or any agency or office performing like functions); or

(3) any other entity (whether a natural person, corporation, partnership, trust or otherwise) with total assets of at least \$50 million.

(e) **Options Programs.** Where the discretionary account utilizes options programs involving the systematic use of one or more options strategies, the customer shall be furnished with a written explanation (meeting the requirements of Rule 1322) of the nature and risks of such programs.

(f) Any Member that does not utilize computerized surveillance tools for the frequent and appropriate review of discretionary account activity must establish and implement procedures to require Registered Options Principal qualified individuals who have been designated to review discretionary accounts to approve and initial each discretionary order on the day entered.

Rule 1311. Confirmation to Customers

(a) Every Member shall promptly furnish to each customer a written confirmation of each transaction in option contracts that shows the underlying security, type of options, expiration month, exercise price, number of option contracts, premium, commissions, date of transaction and settlement date, and shall indicate whether the transaction is a purchase or sale and whether a principal or agency transaction.

(b) The confirmation shall, by appropriate symbols, distinguish between Exchange Transactions and other transactions in option contracts though such confirmation does not need to specify the exchange or exchanges on which such option contracts were executed.

Rule 1312. Statement of Accounts to Customers

(a) Every Member shall send to its customers a statement of account showing security and money positions, entries, interest charges and any special charges that have been assessed against such account during the period covered by the statement; provided, however, that such charges need not be specifically delineated on the statement if they are otherwise accounted for on the statement and have been itemized on transaction confirmations.

(b) With respect to options customers having a general (margin) account, the customer statement shall also provide the mark-to-market price and market value of each options position and other security position in the general (margin) account, the total market value of all positions in the account, the outstanding debit or credit balance in the account, and the general (margin) account equity. For purposes of this paragraph, general (margin) account equity shall be computed by subtracting the total of the short security values and any debit balance from the total of the long security values and any credit balance.

(c) The customer statement shall bear a legend stating that further information with respect to commissions and other charges related to the execution of listed options transactions has been included in confirmations of such

transactions previously furnished to the customer, and that such information will be made available to the customer promptly upon request.

(d) Customer statements shall bear a legend requesting that the customer promptly advise the Member of any material change in the customer's investment objectives or financial situation.

(e) Customer statements shall be sent at least quarterly to all accounts having a money or a security position during the preceding quarter and at least monthly to all accounts having an entry during the preceding month.

Rule 1313. Statements of Financial Condition to Customers

Every Member shall send to each of its customers statements of the Member's financial condition as required by Rule 17a-5 under the Exchange Act.

Rule 1314. Addressing of Communications to Public Customers

No Electronic Exchange Member shall address any communications to a Public Customer in care of any other person unless either: (a) the Public Customer, within the preceding twelve (12) months, has instructed the Electronic Exchange Member in writing to send communications in care of such other persons; or (b) duplicate copies are sent to the Public Customer at some other address designated in writing by him.

Rule 1315. Delivery of Current Options Disclosure Documents and Prospectus

(a) **Options Disclosure Documents.** Every Member shall deliver a current options disclosure document to each customer at or prior to the time such customer's account is approved for options transactions. Where a customer is a broker or dealer, the Member shall take reasonable steps to assure that such broker or dealer is furnished reasonable quantities of current options disclosure documents, as requested by the broker or dealer, to enable it to comply with the requirements of this Rule.

(1) The term "current options disclosure document" means, as to any category of underlying security, the most recent edition of such document that meets the requirements of Rule 9b-1 under the Exchange Act.

(2) A copy of each amendment to an options disclosure document shall be furnished to each customer who was previously furnished the options disclosure document to which the amendment pertains, not later than the time a confirmation of a transaction in the category of options to which the amendment pertains is delivered to such customer. The Exchange will advise Members when an options disclosure document is amended.

(b) **Prospectus.** Every Member shall furnish a copy of the current prospectus of the Clearing Corporation to each customer who requests one. The Exchange will advise Members when a new prospectus is available. The term "current prospectus of Clearing Corporation" means the prospectus portion of the most recent Form S-20, which prospectus portion then meets the delivery requirements of Rule 153b under the Securities Act.

(c) The written description of risks required by Rule 1307(f)(5) shall be in a format prescribed by the Exchange or in a format developed by the Member, provided it contains substantially similar information as the prescribed Exchange format and has received prior written approval of the Exchange.

(d) Below is a sample risk description for use by Members to satisfy the requirements of paragraph (c) of this Rule.

Special Statement for Uncovered Options Writers

There are special risks associated with uncovered options writing which expose the investor to potentially significant loss. Therefore, this type of strategy may not be suitable for all customers approved for options transactions.

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1. The potential loss of uncovered call writing is unlimited. The writer of an uncovered call is in an extremely risky position, and may incur large losses if the value of the underlying instrument increases above the exercise price.
 2. As with writing uncovered calls, the risk of writing uncovered put options is substantial. The writer of an uncovered put option bears a risk of loss if the value of the underlying instrument declines below the exercise price. Such loss could be substantial if there is a significant decline in the value of the underlying instrument.
 3. Uncovered options writing is thus suitable only for the knowledgeable investor who understands the risks, has the financial capacity and willingness to incur potentially substantial losses, and has sufficient liquid assets to meet applicable margin requirements. In this regard, if the value of the underlying instrument moves against an uncovered writer's options position, the investor's broker may request significant additional margin payments. If an investor does not make such margin payments, the broker may liquidate stock or options positions in the investor's account with little or no prior notice in accordance with the investor's margin agreement.
 4. For combination writing, where the investor writes both a put and a call on the same underlying instrument, the potential risk is unlimited.
 5. If a secondary market in options were to become unavailable, investors could not engage in closing transactions, and an options writer would remain obligated until expiration or assignment.
 6. The writer of an American-style option is subject to being assigned an exercise at any time after he has written the option until the option expires. By contrast, the writer of a European-style option is subject to exercise assignment only during the exercise period.

NOTE: It is expected that you will read the booklet entitled CHARACTERISTICS AND RISKS OF STANDARDIZED OPTIONS available from your broker. In particular, your attention is directed to the chapter entitled Risks of Buying and Writing Options. This statement is not intended to enumerate all of the risks entailed in writing uncovered options.

Rule 1316. Restrictions on Pledge and Lending of Customers' Securities

- (a) No Member shall lend, either to itself or to others, securities carried for the account of any customer, unless such Member shall first have obtained a separate written authorization from such customer permitting the lending of the securities.
- (b) Regardless of any agreement between a Member and a customer authorizing the Member to lend or pledge such securities, no Member shall lend or pledge more of such securities than is fair and reasonable in view of the indebtedness of the customer to such Member, except such lending as may be specifically authorized under paragraph (c) of this Rule.
- (c) No Member shall lend securities carried for the account of any customer that have been fully paid for, or that are in excess of the amount that may be loaned in view of the indebtedness of the customer, unless such Member first obtains from such customer a separate written authorization designating the particular securities to be loaned.
- (d) No Member shall hold securities carried for the account of any customer that have been fully paid for, or that are in excess of the amount that may be pledged in view of the indebtedness of the customer, unless such securities are segregated and identified by a method that clearly indicates the interest of such customer in those securities.

Rule 1317. Transactions of Certain Customers

- (a) No Member shall execute any transaction in securities or carry a position in any security in which:
 - (1) an officer or employee of the Exchange, or any other national securities exchange that is a participant of the Clearing Corporation, or an officer or employee of a corporation in which the Exchange or such other exchange

owns the majority of the capital stock, is directly or indirectly interested, without the prior written consent of the Exchange; or

(2) a partner, officer, director, principal shareholder or employee of another Member is directly or indirectly interested, without the consent of such other Member.

(b) Where the required consent has been granted, duplicate reports of the transaction and position shall promptly be sent to the Exchange or Member, as the case may be.

Rule 1318. Guarantees

No Member shall guarantee a customer against loss in his account or in any transaction effected with or for such customer.

Rule 1319. Profit Sharing

(a) No Member, Options Principal, Representative, officer, partner or branch office manager of the Member shall share directly or indirectly in the profits or losses in any customer's account, whether carried by such Member, or any other Member, without the prior written consent of the Member carrying the account.

(b) Where such consent is obtained, the Member, Options Principal, Representative, officer, partner or branch office manager shall share in the profits or losses in such account only in direct proportion to the financial contribution made to the account by such person.

Rule 1320. Assuming Losses

No Member shall assume for its own account any position established for a customer in a security traded on the Exchange after a loss to the customer has been established or ascertained, unless the position was created by the Member's mistake or unless approval of the Exchange has first been obtained.

Rule 1321. Transfer of Accounts

(a) When a customer whose securities account is carried by a Member (the "Carrying Member") wants to transfer the entire account to another Member (the "Receiving Member") and gives written notice of that fact to the Receiving Member, both Members must expedite and coordinate activities with respect to the transfer. For purposes of this Rule, the term "securities account" shall be deemed to include any and all of the account's money market fund positions or the redemption value thereof.

(b) Upon receipt from the customer of a signed broker-to-broker transfer instruction to receive such customer's securities account, the Receiving Member will immediately submit such instruction to the Carrying Member. The Carrying Member must, within one (1) business day following receipt of such instruction,

(1) validate and return the transfer instruction (with an attachment reflecting all positions and money balances as shown on its books) to the Receiving Member, or

(2) take exception to the transfer instruction for reasons other than securities positions or money balance discrepancies and advise the Receiving Member of the exception taken.

The time frame(s) set forth in this paragraph will change as determined from time-to-time in any publication, relating to the ACATS facility issued by the National Securities Clearing Corporation (NSCC).

(c) The Carrying Member and the Receiving Member must promptly resolve any exceptions taken to the transfer instruction.

(d) Within five (5) business days following the validation of a transfer instruction, the Carrying Member must complete the transfer of the customer's securities account to the Receiving Member. The Carrying Member and the Receiving Member must establish fail to receive and fail to deliver contracts at then current market values upon their respective books of account against the long/short positions (including options) in the customer's securities account that have not been physically delivered/received and the Receiving/Carrying Member must debit/credit the related money account. The customer's securities account shall thereupon be deemed transferred.

(e) Any fail contracts resulting from this account transfer procedure must be closed out within ten (10) business days after their establishment.

(f) Any discrepancies relating to positions or money balances that exist or occur after transfer of a customer's securities account must be resolved promptly.

(g) When both the Carrying Member and the Receiving Member are members in a clearing corporation having automated customer securities account transfer capabilities, the account transfer procedure, including the establishing and closing out of fail contracts, must be accomplished in accordance with the provisions of this Rule and pursuant to the Rules of and through the Clearing Corporation.

(h) The Exchange may exempt from the provisions of this Rule, either unconditionally or on specified terms and conditions,

(1) any Member or type of Members, or

(2) any type of account, security or financial instrument.

(i) Unless an exemption has been granted pursuant to paragraph (h) of this Rule, the Exchange may impose upon a Member a fee of up to \$100 per securities account for each day such Member fails to adhere to the time frames or procedures required by this Rule.

(j) Transfer instructions and reports required by this Rule shall be in such form as may be prescribed by the Exchange.

Rule 1322. Options Communications

(a) **Definitions.** For purposes of this Rule and any interpretation thereof, "options communications" consist of:

(1) **Advertisements.** The term "advertisements" shall include any material concerning options, other than an independently prepared reprint and institutional sales material, that is published, or used in any electronic or other public media, including any website, newspaper, magazine, or other periodical, radio, television, telephone, or tape recording, video tape display, motion picture, billboards, signs, or telephone directories (other than routine listings).

(2) **Sales Literature.** The term "sales literature" shall include any written or electronic communication concerning options other than an advertisement, independently prepared reprint, institutional sales material and correspondence that is generally available to customers or the public including circulars, research reports, market letters, performance reports or summaries, worksheets, form letters, telemarketing scripts, seminar texts, reprints (that are not independently prepared reprints) or excerpts of any other advertisements, sales literature or published article and press release concerning a Member's products or services.

(3) **Correspondence.** The term "correspondence" shall include any written letter or electronic mail message distributed by a Member to: (i) one or more of its existing retail customers; and (ii) fewer than 25 prospective retail customers within any 30 calendar-day period.

(4) **Institutional Sales Material.** The term “institutional sales material” shall include any communication concerning options that is distributed or made available only to institutional investors. The term institutional investor shall mean any qualified investor as defined in Section 3(a)(54) of the Securities Exchange Act of 1934.

(5) **Public Appearances.** The term “public appearance” shall include any participation in a seminar, forum (including an interactive electronic forum), radio, television, or print media interview, or other public speaking activity, or the writing of a print media article, concerning options.

(6) **Independently Prepared Reprints.** The term “independently prepared reprints” shall include any reprint or excerpt of an article issued by a publisher concerning options, provided that: the publisher is not an affiliate of the Member using the reprint or any underwriter or issuer of a security mentioned in the reprint or excerpt that the Member is promoting; neither the Member using the reprint or excerpt nor any underwriter or issuer of a security mentioned in the reprint or excerpt has commissioned the reprint or excerpted article; and the Member using the reprint or excerpt has not materially altered its contents except as necessary to make the reprint or excerpt consistent with applicable regulatory standards or to correct factual errors.

(b) Approval by Registered Options Principal.

(1) All advertisements, sales literature (except completed worksheets) and independently prepared reprints issued by a Member pertaining to options shall be approved in advance by a Registered Options Principal designated by the Member’s written supervisory procedures.

(2) Correspondence need not be approved by a Registered Options Principal prior to use, unless such correspondence is distributed to 25 or more existing retail customers within any 30 calendar-day period and makes any financial or investment recommendation or otherwise promotes a product or service of the Member. All correspondence is subject to the supervision and review requirements of Rule 1308.

(3) Institutional sales material relating to options need not be approved by a Registered Options Principal prior to use, but is subject to the supervision and review requirements as set forth in the written supervisory procedures of the Member.

(4) Copies of the options communications shall be retained by the Member in accordance with Rule 17a-4 under the Securities Exchange Act of 1934. The names of the persons who prepared the options communications, the names of the persons who approved the options communications, and the source of any recommendations contained therein shall be retained by the Member and kept in the form and for the time periods required for options communications by Rule 17a-4.

(c) **Exchange Approval Required.** In addition to the approval required by paragraph (b) of this Rule, all advertisements, sales literature and independently prepared reprints of a Member pertaining to standardized options that is not accompanied or preceded by the applicable current options disclosure document (“ODD”) shall be submitted to the Exchange at least ten (10) calendar days prior to use (or such shorter period as the Exchange may allow in particular instances) for approval, and if changed or expressly disapproved by the Exchange, shall be withheld from circulation until any changes specified by the Exchange have been made or, in the event of disapproval, until the communication has been resubmitted for, and has received, Exchange approval. The requirements of this paragraph shall not be applicable to:

(1) options communications submitted to another self-regulatory organization having comparable standards pertaining to such communications, and

(2) communications in which the only reference to options is contained in a listing of the services of the Member.

(d) **General Rule.** No Member or associated person shall use any options communication which:

(1) Contains any untrue statement or omission of a material fact or is otherwise false or misleading.

(2) Contains promises of specific results, exaggerated or unwarranted claims, opinions for which there is no reasonable basis or forecasts of future events which are unwarranted or which are not clearly labeled as forecasts.

(3) Contains cautionary statements or caveats that are not legible, are misleading, or are inconsistent with the content of the materials.

(4) Contains statements suggesting the certain availability of secondary market for options.

(5) Fails to reflect the risks attendant to options transactions and the complexities of certain options investment strategies. Any statement referring to the potential opportunities presented by options shall be balanced by a statement of the corresponding risks. The risk statement shall reflect the same degree of specificity as the statement of opportunities, and broad generalities must be avoided.

(6) Fails to include a warning to the effect that options are not suitable for all investors or contains suggestions to the contrary.

(7) Fails to include a statement that supporting documentation for any claims (including any claims made on behalf of options programs or the options expertise of sales persons), comparisons, recommendations, statistics, or other technical data, will be supplied upon request.

Paragraphs (6) and (7) shall not apply to institutional sales material as defined in this Rule 1322.

(e) **Standards Applicable to Options Communications.**

(1) Unless preceded or accompanied by the ODD, options communications shall:

(i) Be limited to general descriptions of the options being discussed.

(ii) Contain contact information for obtaining a copy of the ODD.

(iii) Not contain recommendations or past or projected performance figures including annualized rates of return, or names of specific securities.

(2) Options communications used prior to ODD delivery may:

(i) Contain a brief description of options, including a statement that identifies registered clearing agencies for options. The text may also contain a brief description of the general attributes and method of operation of the exchanges on which options are traded, including a discussion of how an option is priced.

(ii) Include any statement required by any state law or administrative authority.

(iii) Include advertising designs and devices, including borders, scrolls, arrows, pointers, multiple and combined logos and unusual typefaces and lettering as well as attention-getting headlines and photographs and other graphics, provided such material is not misleading.

(f) The Rule 1322(e)(1)(B) requirement to include contact information for obtaining a copy of the ODD may be satisfied by providing a name and address or one or more telephone numbers from which the current options disclosure document may be obtained; directing existing clients to contact their registered representative; or including a response card through which a current options disclosure document may be obtained. An internet

address may also be used, however, such an address must be accompanied by either a telephone number or mailing address for use by those investors who do not have access to the internet.

(g) Projections.

(1) Options communications may contain projected performance figures (including projected annualized rates of return), provided that:

(i) all such communications are accompanied or preceded by the ODD;

(ii) no suggestion of certainty of future performance is made;

(iii) parameters relating to such performance figures are clearly established (e.g., to indicate the exercise price of an options contract, the purchase price of the underlying stock and the options contract's market price, premium, anticipated dividends, etc.);

(iv) all relevant costs, including commissions, fees, and interest charges (if applicable with regard to margin transactions) are disclosed;

(v) such projections are plausible and intended as a source of reference or a comparative device to be used in the development of a recommendation;

(vi) all material assumptions made in such calculations are clearly identified (e.g., "assume option expires," "assume option unexercised," "assume option exercised," etc.);

(vii) the risks involved in the proposed transactions are also discussed;

(viii) in communications relating to annualized rates of return, that such returns are not based upon any less than a sixty (60) day experience, any formulas used in making calculations are clearly displayed; and a statement is included to the effect that the annualized returns cited might be achieved only if the parameters described can be duplicated and that there is no certainty of doing so.

(h) Historical Performances. Options communications may feature records and statistics that portray the performance of past recommendations or of actual transactions, provided that:

(i) All such communications are accompanied or preceded by the ODD.

(ii) any such portrayal is done in a balanced manner, and consists of records or statistics that are confined to a specific "universe" that can be fully isolated and circumscribed and that covers at least the most recent twelve (12) month period;

(iii) such communications include the date of each initial recommendation or transaction, the price of each such recommendation or transaction as of such date, and the date and price of each recommendation or transaction at the end of the period or when liquidation was suggested or effected, whichever was earlier; provided that if the communications are limited to summarized or averaged records or statistics in lieu of the complete record, there may be included in the number of items recommended or transacted, the number that advanced and the number that declined, together with an offer to provide the complete record upon request;

(iv) all relevant costs, including commissions, fees, and interest charges (as applicable) are disclosed;

(v) whenever such communications contain annualized rate of return, all material assumptions used in the process of annualization are disclosed;

(vi) an indication is provided of the general market conditions during the period(s) covered, and any comparison made between such records and statistics and the overall market (e.g., comparison to an index) is valid;

(vii) such communications state that the results presented should not and cannot be viewed as an indicator of future performance; and

(viii) a Registered Options Principal determines that the records or statistics fairly present the status of the recommendations or transactions reported upon and so initials the report.

(i) **Options Programs.** In communications regarding an options program (i.e., an investment plan employing the systematic use of one or more options strategies), the cumulative history or unproven nature of the program and its underlying assumptions shall be disclosed.

Rule 1323. Brokers' Blanket Bonds

(a) Every Member approved to transact business with the public under this Chapter and every Clearing Member shall carry Brokers' Blanket Bonds covering officers and employees of the Member in such form and in such amounts as the Exchange may require.

(b) All Members subject to paragraph (a) of this Rule shall maintain Brokers' Blanket Bonds as follows:

(1) Maintain a Brokers' Blanket Bond similar to the standard form established by the Surety Association of America, covering officers and employees which provides against loss and has agreements covering at least the following:

(i) Fidelity;

(ii) On Premises;

(iii) In Transit;

(iv) Misplacement;

(v) Forgery and Alteration (including check forgery);

(vi) Securities Loss (including securities forgery);

(vii) Fraudulent Trading; and

(viii) A Cancellation Rider providing that the insurance carrier will promptly notify the Exchange of cancellation, termination or substantial modification of the Bond.

(2) In determining the initial minimum coverage, the Member is to use the highest required net capital during the twelve (12) month period immediately preceding the issuance of the Brokers' Blanket Bond. Thereafter, a review for adequacy of coverage shall be made at least annually as of the anniversary date of issuance of the subject Bond, and the minimum requirement for the next twelve (12) months shall be established by reference to the highest net capital in the preceding twelve (12) months. Any necessary adjustments shall be made not more than sixty (60) days following the anniversary.

(c) The minimum required coverage for fraudulent trading shall be the greater of \$25,000 or fifty percent (50%) of the coverage required in paragraph (b)(2) up to a maximum of \$500,000.

(d) The minimum required coverage for securities forgery shall be the greater of \$25,000 or twenty-five percent (25%) of the coverage required in paragraph (b)(2) up to a maximum of \$250,000.

(e) A deductible provision of up to \$5,000 or ten percent (10%) of the minimum coverage requirement, whichever is greater, may be included in the Bond.

(1) A Member may choose to maintain coverage in excess of the minimum requirements as set forth above in paragraph (b)(2) of this Rule, and in such case, a deductible provision of up to \$5,000 or ten percent (10%) of the amount of the Blanket Bond coverage, whichever is greater, may be included in the Bond purchased. However, the excess of this greater deductible amount over the maximum permissible deductible amounts as described in this paragraph must be subtracted from the Member's net worth in the calculation of the Member's net capital under SEC Rule 15c3-1.

(2) Each Member shall report the cancellation, termination or substantial modification of the Bond to the Exchange within ten (10) business days of such occurrences.

(f) Members with no employees shall be exempt from this Rule.

(g) Members subject to a bonding rule of another registered national securities exchange, the SEC, or a registered national securities association that imposes requirements that are equal to or greater than the requirements imposed by the Rule shall be deemed to be in compliance with the provisions of this Rule.

Rule 1324. Customer Complaints

(a) Every Member conducting a non-member customer business shall make and keep current a separate central log, index or other file for all options-related complaints, through which these complaints can easily be identified and retrieved.

(b) The term "options-related complaint" shall mean any written statement by a customer or person acting on behalf of a customer alleging a grievance arising out of or in connection with listed options.

(c) The central file shall be located at the principal place of business of the Member or such other principal office as shall be designated by the Member.

(1) Each options-related complaint received by a branch office of a Member shall be forwarded to the office in which the separate, central file is located not later than thirty (30) days after receipt by the branch office.

(2) A copy of every options-related complaint shall be maintained at the branch office that is the subject of a complaint.

(d) At a minimum, the central file shall include:

(1) Identification of complainant.

(2) Date complaint was received.

(3) Identification of the Representative servicing the account, if applicable.

(4) A general description of the subject of the complaint.

(5) A record of what action, if any, has been taken by the Member with respect to the complaint.

Rule 1325. Telephone Solicitation

(a) No Member or associated person shall make an outbound telephone call to any person's residence for the purpose of soliciting the purchase of securities or related services ("telemarketing" or "cold-calling") at any time other than between 8 a.m. and 9 p.m. local time at the called person's location, without that person's prior consent.

(b) No Member or associated person shall make an outbound telephone call to any person for the purpose of telemarketing without disclosing promptly and in a clear and conspicuous manner to the called person the following information:

- (1) The identity of the caller and the Member firm.
- (2) The telephone number or address at which the caller may be contacted.
- (3) That the purpose of the call is to solicit the purchase of securities or related services.

(c) The prohibitions of paragraphs (a) and (b) do not apply to telephone calls by an associated person (whether acting alone or at the direction of another associated person) who controls or has been assigned to a Member's existing customer account for the purpose of maintaining and servicing that account, provided that the call is to:

(1) An existing customer who, within the preceding eighteen (18) months, has made a securities transaction in or has deposited funds or securities into an account, that was under the control of or assigned to that associated person at the time of the transaction or deposit;

(2) An existing customer whose account has earned interest or dividend income during the preceding eighteen (18) months, and who previously has made a securities transaction in or has deposited funds or securities into an account, that was under the control of or assigned to the associated person at the time of the transaction or deposit; or

- (3) A broker or dealer.

(d) For purposes of paragraph (c) above, the term "existing customer" means a customer for whom the broker or dealer, or a clearing broker or dealer on its behalf, carries on account. The scope of this Rule 1324 is limited to the telemarketing calls described herein. The terms of this Rule do not impose, expressly or by implication, any additional requirements on Members with respect to the relationship between a Member and a customer or between an associated person and a customer.

(e) Each Member shall make and maintain a centralized list of persons who have informed the Member, or any employee thereof, that they do not wish to receive telephone solicitations, and shall refrain from engaging in telephone solicitations of persons named on such list.

(f) Each Member or associated person engaged in telemarketing shall have a customer's express written authorization in order to obtain or submit for payment a check, draft, or other form of negotiable instrument drawn on a customer's checking, savings, share or similar account. Written authorization may include the customer's signature on the negotiable instrument. The authorization must be retained for at least three (3) years. This provision does not require maintenance of copies of negotiable instruments signed by customers.

(g) Members and associated persons that engage in telemarketing also are subject to the requirements of the rules of the Federal Communications Commission relating to telemarketing practices and the rights of telephone consumers.

CHAPTER XIV. ORDER PROTECTION, LOCKED and CROSSED MARKETS

Rule 1400. Definitions

The following terms shall have the meaning specified in this Rule solely for the purpose of this Chapter XIV:

- (a) “Best Bid” and “Best Offer” mean the highest priced Bid and the lowest priced Offer.
- (b) “Bid” or “Offer” means the bid price or the offer price communicated by a Member of an Eligible Exchange to any Broker/Dealer, or to any customer, at which it is willing to buy or sell, as either principal or agent, but shall not include indications of interest.
- (c) “Broker/Dealer” means an individual or organization registered with the SEC in accordance with Section 15(b)(1) of the Exchange Act or a foreign broker or dealer exempt from such registration pursuant to Rule 15a-6 under the Exchange Act.
- (d) “Crossed Market” means a quoted market in which a Protected Bid is higher than a Protected Offer in a series of an Eligible Class.
- (e) “Customer” means an individual or organization that is not a Broker/Dealer.
- (f) “Eligible Exchange” means a national securities exchange registered with the SEC in accordance with Section 6(a) of the Exchange Act that: (1) is a Participant Exchange in OCC (as that term is defined in Section VII of the OCC by-laws); (2) is a party to the OPRA Plan (as that term is described in Section I of the OPRA Plan); and (3) if the national securities exchange is not a party to the Options Order Protection and Locked/Crossed Markets Plan as defined below, is a participant in another plan approved by the Commission providing for comparable Trade-Through and Locked and Crossed Market protection.
- (g) “Eligible Options Class” means all options series overlying a security (as that term is defined in Section 3(a)(10) of the Exchange Act) or group of securities, including both put options and call options, which class is available for trading on two or more Eligible Exchanges.
- (h) “Intermarket Sweep Order (“ISO”)” means a limit order for an options series that, simultaneously with the routing of the ISO, one or more additional ISOs, as necessary, are routed to execute against the full displayed size of any Protected Bid, in the case of a limit order to sell, or any Protected Offer, in the case of a limit order to buy, for the options series with a price that is superior to the limit price of the ISO. A Member may submit an Intermarket Sweep Order to the Exchange only if it has simultaneously routed one or more additional Intermarket Sweep Orders to execute against the full displayed size of any Protected Bid, in the case of a limit order to sell, or Protected Offer, in the case of a limit order to buy, for an options series with a price that is superior to the limit price of the Intermarket Sweep Order. An ISO may be either an Immediate-Or-Cancel Order or an order that expires on the day it is entered.
- (i) “Locked Market” means a quoted market in which a Protected Bid is equal to a Protected Offer in a series of an Eligible Options Class.
- (j) “NBBO” means the national best bid and offer in an options series as calculated by an Eligible Exchange.
- (k) “Non-Firm” means, with respect to Quotations, that Members of an Eligible Exchange are relieved of their obligation to be firm for their Quotations pursuant to Rule 602 under the Exchange Act.
- (l) “OPRA Plan” means the plan filed with the SEC pursuant to Section 11Aa(1)(C)(iii) of the Exchange Act, approved by the SEC and declared effective as of January 22, 1976, as from time to time amended.
- (m) “Participant” means an Eligible Exchange that is a party to the Plan.

(n) “Plan” means the Options Order Protection and Locked/Crossed Market Plan, as such plan may be amended from time to time.

(o) “Protected Bid” or “Protected Offer” means a Bid or Offer in an options series, respectively, that: (a) is disseminated pursuant to the OPRA Plan; and (b) is the Best Bid or Best Offer, respectively, displayed by an Eligible Exchange.

(p) “Protected Quotation” means a Protected Bid or Protected Offer

(q) “Quotation” means a Bid or Offer.

(r) “Trade-Through” means a transaction in an option series at a price that is lower than a Protected Bid or higher than a Protected Offer.

Rule 1401. Order Protection

(a) **Avoidance of Trade-Throughs.** Except as provided in paragraph (b) below, Members shall not effect Trade-Throughs.

(b) **Exceptions to Trade-Through Liability.** The provisions of paragraph (a) shall not apply under the following circumstances:

(1) If an Eligible Exchange repeatedly fails to respond within one second to incoming orders attempting to access its Protected Quotations, the Exchange may bypass those Protected Quotations by:

(i) notifying the non-responding Eligible Exchange immediately after (or at the same time as) electing self-help; and

(ii) assessing whether the cause of the problem lies with its own systems and, if so, taking immediate steps to resolve the problem; Any time a determination to bypass the Protected Quotations of an Eligible Exchange is made pursuant to this subparagraph, the Exchange must promptly document the reasons supporting such determination;

(2) The transaction traded through a Protected Quotation being disseminated by an Eligible Exchange during a trading rotation;

(3) The transaction that constituted the Trade-Through occurred when there was a Crossed Market;

(4) The transaction that constitutes the Trade-Through is the execution of an order identified as an ISO, or the transaction that constitutes the Trade-Through is effected by the Exchange while simultaneously routing an ISO to execute against the full displayed size of any better-priced Protected Quotation;

(5) The Eligible Exchange displaying the Protected Quotation that was traded through had displayed, within one second prior to execution of the Trade-Through, a Best Bid or Best Offer, as applicable, for the options series with a price that was equal or inferior to the price of the Trade-Through transaction;

(6) The Protected Quotation traded through was being disseminated from an Eligible Exchange whose Quotations were Non-Firm with respect to such options series;

(7) The transaction that constituted the Trade-Through was effected as a portion of a Complex Trade;

(8) The transaction that constituted the Trade-Through was the execution of an order for which, at the time of receipt of the order, a Member had guaranteed an execution at no worse than a specified price (a "stopped order"), where:

(i) the stopped order was for the account of a Customer;

(ii) the Customer agreed to the specified price on an order-by-order basis; and

(iii) the price of the Trade-Through was, for a stopped buy order, lower than the national Best Bid in the options series at the time of execution, or, for a stopped sell order, higher than the national Best Offer in the options series at the time of execution;

(9) The transaction that constituted the Trade-Through was the execution of an order that was stopped at a price that did not Trade-Through an Eligible Exchange at the time of the stop; or

(10) The transaction that constituted the Trade-Through was the execution of an order at a price that was not based, directly or indirectly, on the quoted price of the options series at the time of execution and for which the material terms were not reasonably determinable at the time the commitment to execute the order was made.

Rule 1402. Locked and Crossed Markets

(a) **Prohibition.** Except for quotations that fall within the provisions of paragraph (b) of this Rule, Members shall reasonably avoid displaying, and shall not engage in a pattern or practice of displaying, any quotations that lock or cross a Protected Quotation.

(b) **Exceptions.**

(1) The locking or crossing quotation was displayed at a time when the Exchange was experiencing a failure, material delay, or malfunction of its systems or equipment;

(2) The locking or crossing quotation was displayed at a time when there is a Crossed Market;

(3) The Member simultaneously routed an ISO to execute against the full displayed size of any locked or crossed Protected Bid or Protected Offer; or

(4) With respect to a locking quotation, the order entered on the Exchange that will lock a Protected Bid or Protected Offer, is:

(i) not a Customer order, and the Exchange can determine via identification available pursuant to the OPRA Plan that such Protected Bid or Protected Offer does not represent, in whole or in part, a Customer order; or

(ii) a Customer order, and the Exchange can determine via identification available pursuant to the OPRA Plan that such Protected Bid or Protected Offer does not represent, in whole or in part, a Customer order, and, on a case-by-case basis, the Customer specifically authorizes the Member to lock such Protected Bid or Protected Offer.

CHAPTER XV. MARGINS

Rule 1500. General Rule

No Member may effect a transaction or carry an account for a customer, whether a Member or non-member of the Exchange, without proper and adequate margin in accordance with this Chapter XV and Regulation T.

Rule 1501. Time Margin Must Be Obtained

The amount of margin required by this Chapter shall be obtained as promptly as possible and in any event within a reasonable time.

Rule 1502. Margin Requirements

(a) A Member must elect to be bound by the initial and maintenance margin requirements of either the Chicago Board of Options Exchange or the New York Stock Exchange as the same may be in effect from time to time.

(b) Such election shall be made in writing by a notice filed with the Exchange.

(c) Upon the filing of such election, a Member shall be bound to comply with the margin rules of the Chicago Board of Options Exchange or the New York Stock Exchange, as applicable, as though said rules were part of these Rules.

Rule 1503. Meeting Margin Calls by Liquidation Prohibited

(a) No Member shall permit a customer to make a practice of effecting transactions requiring initial or additional margin or full cash payment and then furnishing such margin or making such full cash payment by liquidation of the same or other commitments.

(b) The provisions of this Rule shall not apply to any account maintained for another broker or dealer in which are carried only the commitments of customers of such other broker or dealer, exclusive of the partners, officers and directors of such other broker or dealer, provided such other broker or dealer is a Member of the Exchange or has agreed in good faith with the Member carrying the account that it will maintain a record equivalent to that referred to in Rule 1505.

Rule 1504. Margin Required is Minimum

(a) The amount of margin prescribed by these Rules is the minimum which must be required initially and subsequently maintained with respect to each account affected thereby; but nothing in these Rules shall be construed to prevent a Member from requiring margin in an amount greater than that specified.

(b) The Exchange may at any time impose higher margin requirements with respect to such positions when it deems such higher margin requirements to be advisable.

Rule 1505. Margin Requirements Exception

No margin is required for a call option written on an equity security when the account holder possesses a "long" position in a vested employee stock option which can be immediately exercised without restriction (not including the payment of money) to purchase an equal or greater quantity of the security underlying the short call provided that:

(a) The vested employee stock option does not expire before the short call;

(b) The amount (if any) by which the exercise price of the vested employee stock option exceeds the exercise price of the short call option is held in or deposited in the account; and

(c) The account holder, broker-dealer and issuer of the vested employee stock option complete such account documentation and comply with such terms and conditions proscribed by the Exchange in such form, format and procedure as may be established by the Exchange from time to time, including without limitation execution of an agreement by account holder, broker-dealer and issuer that requires:

(1) Account holder to pledge the vested employee stock options to broker-dealer (including an agreement that in the event account holder exercises any of the pledged vested employee stock options during the term of a transaction, the account holder will be required to pledge to broker-dealer the shares issued upon exercise to replace the vested employee stock options that were pledged before exercise);

(2) Account holder to provide broker-dealer with an irrevocable power-of-attorney authorizing broker-dealer to exercise the vested employee stock options on the account holder's behalf;

(3) Issuer to promptly deliver the stock upon payment or receipt of the exercise notice from broker-dealer;
and

(4) Issuer to waive any transfer restrictions that would preclude a pledge of the vested employee stock options to broker-dealer.

CHAPTER XVI. NET CAPITAL REQUIREMENTS

Rule 1600. Minimum Requirements

Each Member subject to Rule 15c3-1 under the Exchange Act shall comply with the capital requirements prescribed therein and with the additional requirements of this Chapter XVI. Market Makers must also comply with the minimum financial requirements contained in Rule 609.

Rule 1601. “Early Warning” Notification Requirements

Every Member subject to the reporting or notification requirements of Rule 17a-11 under the Exchange Act or the “early warning” reporting, business restriction or business reduction requirements of another national securities exchange, registered securities association or registered securities clearing organization shall promptly notify the Exchange in writing and shall thereafter file with the Exchange such reports and financial statements as may be required by the Exchange.

Rule 1602. Power of President to Impose Restrictions

Whenever it shall appear to the President of the Exchange that a Member obligated to give notice to the Exchange under Rule 1601 is unable within a reasonable period to reduce the ratio of its aggregate indebtedness to net capital, or to increase its net capital, to a point where it is no longer subject to such notification obligations, or that such Member is engaging in any activity which casts doubt upon its continued compliance with the net capital requirements, the President may impose such conditions and restrictions upon the operations, business and expansion of such Member and may require the submission of, and adherence to, such plan or program for the correction of such situation as he determines to be necessary or appropriate for the protection of investors, other Members and the Exchange.

Rule 1603. Joint Back Office Arrangements

An arrangement may be established between two or more registered broker-dealers pursuant to Regulation T Section 220.7 to form a joint back office (“JBO”) arrangement for carrying and clearing or carry accounts of participating broker dealers. Members must provide written notification to their Designated Examining Authority prior to establishing a JBO arrangement.

(a) A carrying and clearing, or carry member must:

(1) maintain a minimum tentative net capital of \$25 million as computed pursuant to Rule 15c3-1 of the Exchange Act, except that a Member whose primary business consists of the clearance of options market maker accounts, may carry JBO accounts provided that it maintains a minimum net capital of \$7 million as computed pursuant to Rule 15c3-1 of the Exchange Act. In addition, the Member must include in its ratio of gross options market maker deductions to net capital required by the provisions of Rule 15c3-1 of the Exchange Act, gross deductions for JBO participant accounts. Clearance of option market maker accounts shall be deemed a broker-dealer’s primary business if a minimum of 60% of the aggregate deductions in the above ratio are options market maker deductions. In the event that a carrying and clearing, or carrying member’s tentative net capital, or net capital, respectively, has fallen below the above requirements, the Member shall (i) promptly notify the Exchange in writing of such deficiency and (ii) take appropriate action to resolve such deficiency within three consecutive business days, or not permit any new transactions to be entered into pursuant to the JBO agreement.

(2) maintain a written risk analysis methodology for assessing the amount of credit extended to participating broker-dealers which shall be made available to the Exchange upon request.

(3) deduct from net capital haircut requirements pursuant to Rule 15c3-1 of the Exchange Act in excess of the equity maintained in the accounts of the participating broker-dealers.

(b) A participating broker-dealer must:

(1) be a registered broker-dealer subject to the SEC's net capital rule.

(2) maintain an ownership interest in the carrying/Clearing Member pursuant to Regulation T of the Federal Reserve Board Section 220.7.

(3) maintain a minimum liquidating equity of \$1 million in the JBO arrangement exclusive of the ownership interest established in subparagraph (b)(2) above. When the minimum liquidating equity decreases below the \$1 million requirement, the participant must deposit an amount sufficient to eliminate this deficiency within five (5) business days or be subject to the margin account requirements prescribed for customers in Regulation T, and the margin requirements pursuant to Rule 1502.

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Users' Manual

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1. Introduction

Miami International Securities Exchange, LLC (“MIAX” or “Exchange”), a registered national securities exchange, operates a fully automated electronic options trading platform to buy or sell securities with a continuous, automated matching function. Liquidity is derived from quotes as well as orders to buy and orders to sell submitted to the Exchange electronically by Members from remote locations. There is no physical Exchange trading floor. The MIAX Trading System, built internally from the ground up, is designed to be highly scalable, efficient, fast, reliable, robust and flexible. There are two types of Members on the Exchange—Electronic Exchange Members and Market Makers. Access to the Exchange is through the use of Trading Permits issued to the Members. Please refer to the section on **How to Become a Member of MIAX** for further information regarding the types of Members and the process for becoming a Member.

MIAX is a self-regulatory organization and is charged with providing a fair and equitable marketplace by ensuring that the participants in its market comply with all applicable rules, laws and regulations. MIAX has established a comprehensive regulatory program, which includes the programming of rules into its Trading System logic and the development of a consolidated audit trail. MIAX provides its regulatory personnel with the tools required to detect inappropriate activity and conduct investigations into potential violations of MIAX rules and the federal securities laws and regulations.

The rules governing MIAX's operations and the activities of its Members can be found on its website <http://www.miaxoptions.com/>.

Members are subject to fees for executions on the Exchange as set forth in the MIAX Fee Schedule. The MIAX Fee Schedule has the flexibility to include (1) conventional transaction fees in which a Member is charged a fee for executions that occur on the Exchange, the amount of which will generally vary depending on different factors including whether the execution is for a Market Maker account, a firm proprietary account or a customer account; and (2) maker-taker fees in which a Member is charged a fee for transactions that access liquidity and given a rebate for certain transactions in orders that provided liquidity. MIAX determines on a class by class basis which type of fee will apply. MIAX also charges membership fees, application fees, market data fees, routing fees, connectivity fees, and bandwidth fees. MIAX may determine to revise or impose different fees upon its Members from time-to-time. The MIAX Fee Schedule is available on its website at <http://www.miaxoptions.com/>.

2. How to Become a Member of MIAX

To become a member of MIAX, a firm must be registered as a broker-dealer and must have and maintain a membership in another registered options exchange. If such other registered options exchange has not been designated by the Securities and Exchange Commission as a Designated Examining Authority (“DEA”), pursuant to Rule 17d-1 under the Exchange Act, to examine Members for compliance with financial responsibility rules, then such firm must have and maintain a membership in FINRA. Rules covering the qualifications and conditions to becoming a MIAX member can be found in Chapter II of MIAX Rules. Applications for MIAX membership can be found on its website at <http://www.miaxoptions.com/>. As indicated above, there are two types of MIAX Members—Electronic Exchange Members and

Market Makers, the following are further descriptions and information regarding each type of Member.

Electronic Exchange Members – In conjunction with the requirement to have and maintain a membership in another registered options exchange, Members who transact business with the public must also be members of FINRA and must comply with the requirements outlined in Chapter XIII of MIAX Rules.

Non-Members may access the Exchange pursuant to Rules governing “sponsored access” to the Exchange. The Exchange permits access by entities (“Sponsored Participants”) whose access is authorized in advance by entering into an arrangement with a Member (“Sponsoring Member”) in accordance with Exchange Rules. The Sponsoring Member must agree to be responsible for all trading conducted pursuant to that arrangement to the same extent as trading conducted by the Member for customers. The Sponsoring Member is responsible for implementing policies and procedures for supervising and monitoring the trading effected pursuant to the arrangement to ensure that it is in compliance with all applicable federal securities laws and rules and Exchange rules. In addition, Sponsored Participants must agree to comply with all applicable Rules of the Exchange governing the entry, execution, reporting, clearing and settling of orders in securities eligible for trading on the Exchange. Forms related to establishing a sponsored access arrangement can be found on the MIAX website at <http://www.miaxoptions.com/>.

Market Makers – Market Makers are members registered with the MIAX for the purpose of making markets in the options traded on MIAX. The rules governing the registration, appointment and obligations of Market Makers are outlined in Chapter VI of MIAX Rules. There are three types of Market Makers on MIAX: Primary Lead Market Makers, Lead Market Makers and Registered Market Makers. There are different requirements and obligations for each type of Market Maker. Each option class has one Primary Lead Market Maker and as many Lead Market Makers and/or Registered Market Makers who seek and obtain an appointment in the option class up to the limit established by MIAX for that option class. Transactions of Market Makers should constitute a course of dealings reasonably calculated to contribute to the maintenance of a fair and orderly market, and Market Makers should not make bids or offers or enter into transactions that are inconsistent with such a course of dealings.

In addition to the general affirmative and negative obligations mentioned above and discussed in MIAX Rules, all Market Makers are obligated to provide continuous quoting in their appointed classes in accordance with specific MIAX Rules for each type of Market Maker. To protect Market Makers, MIAX provides an Aggregate Risk Manager, which will automatically remove a Market Maker’s quotations from the Exchange’s disseminated quote in all series of a particular option class when it has been determined that the Market Maker has traded, during a specified time period (established by the Market Maker), a number of contracts equal to or greater than an allowable percentage (the allowable percentage will be determined in accordance with Rule 612). Once the Market Maker has submitted a revised quotation, the Exchange will add the Market Makers quotes back into the Exchange’s disseminated quote. See MIAX Rule 612 for a more detailed description of the Aggregate Risk Manager.

Clearance and Settlement of MIAX Trades – MIAX reports matched trades to the Options Clearing Corporation. MIAX requires each Member to be a Member of a registered clearing agency or clear its transactions through a Member that is a member of a registered clearing

agency. MIAX also requires each Member, for every transaction in which it participates, to immediately give up the name of the Clearing Member through whom the transaction will be cleared.

3. How MIAX Works

MIAX deploys multiple matching engines, each engine performing the trade match function for a defined set of option classes. Market Makers connect to the system via the MIAX Express Interface (MEI), using a proprietary protocol for the transmission of quotes and other messages to and from the Exchange. A Market Making firm must have at least one MEI connection for each Exchange matching engine on which the Market Making firm has appointed option classes. Market Making firms may also have additional connections to each Exchange matching engine. Electronic Exchange Members connect to the system via the MIAX FIX Interface gateway, using the industry standard FIX protocol, with MIAX specific extensions, for the transmission of orders and other messages to the exchange. The MIAX FIX Interface validates incoming orders and forwards them to the appropriate matching engine. Executions and cancel notifications are provided via this same interface.

The MIAX matching engines each handle a defined set of option classes, which can be reallocated periodically to balance the load across the MIAX system. Each matching engine compares the limit price of all incoming orders and quotes with those orders and quotes already resting on the MIAX Book. The matching engine will match liquidity as available, will calculate the MIAX Best Bid and Best Offer (the MBBO), monitor the other markets displayed prices and determine when and if a matched trade can occur. If a newly arrived order or quote is immediately marketable against the existing MIAX Book, and the MBBO is equal to or better than the best consolidated quote, an immediate match is made and communicated back to the participants. If another market is displaying a better quote, orders may be routed to the better priced exchange(s) or the orders or quotes may be managed within the MIAX system so to not lock the best consolidated quote, depending on the User's instructions.

Clearing trade data is available to Market Makers and clearing firms via the Clearing Trade Drop (CTD). This is a low-latency, real-time feed providing clearing trade information to the parties of a trade and/or entitled designated recipients. Recipients connect to the CTD using a proprietary protocol and will connect via one or more CTD connections for each Exchange matching engine.

Top of Book and Trade Data is available over the MIAX Top of Market data feed (ToM). Offered in real-time, ToM is available to all MIAX participants. ToM will also include MIAX specific notifications relating to auctions, away order routing and other real-time Exchange system functions. Recipients connect to ToM using a proprietary protocol and will connect via one or more ToM connections for each Exchange matching engine.

4. MIAX Technology

Technology Overview

- **Data Center Services**
 - MIAX has partnered with Equinix, a provider of world-class data center services, for our trading system's data center infrastructure
 - MIAX has implemented a dual data center approach for achieving redundancy in a similar geographic locality for providing primary data center services. This protects against a single site failure while minimizing customer impact as both these data centers are in tight geographic locality.
 - Customers with very low latency demands can cross-connect to the MIAX systems from elsewhere within the Equinix facility.
 - Notable Data Center Services
 - SSAE16 compliant Data Centers
 - Redundant power feed sourced from district substations
 - Redundant power and cooling distribution paths within the facility
 - Concurrently maintainable (N+1 or greater resiliency)
 - On-site backup power generation
 - Enhanced Security Services
 - State of the art security
 - Hand Scanners
 - Card Readers
 - Cameras
 - Buildings designed to withstand fires, earthquakes, hurricanes and other environmental threats
 - Manned 24/7
 - Third Data Center is located in a geographically diverse location for Disaster Recovery
 - Two additional Point of Presence Data Center locations for access to primary or Disaster Recovery Data Centers

- **Trading Platform Features**
 - The MIAX trading platform is designed from the ground up for the unique functional and performance demands of derivatives trading. Our platform provides the proper protections, low latency and throughput that is essential to the success of the trading community. The MIAX platform provides:
 - Extreme performance and radical scalability
 - Best in class customer interface features and performance
 - MIAX FIX Order Interface (FOI) gateway for orders
 - Each FOI interface is capable of processing 5,000+ order messages per second... subject to the aggregate maximum throughput limitation for a given trading cloud
 - MIAX Express Interface (MEI) offers direct connections to the match engine for high-speed mass quoting
 - Each MEI interface is capable of processing 200,000+ quote messages per second... subject to the aggregate maximum throughput limitation for a given trading cloud
 - MIAX Top of Market (ToM) provides low latency access to MIAX market data

- The MIAX ToM Market data feed service will produce market data across 24 multicast channels. Each channel is capable of transmitting 800,000+ messages per second at peak periods.
- MIAX Clearing Trade Drop (CTD) for real-time high speed clearing trade drops
 - The MIAX CTD interface is capable of processing 20,000+ clearing trade messages per second.
 - Automated continuous functional testing to ensure high reliability
 - State-of-the-art monitoring and systems security
 - A software and hardware architecture that results in minimizing the demands on power, space and cooling while allowing for rapid scalability, resiliency and fault isolation
- **Network Infrastructure**
 - The MIAX network is designed and built from the ground up to cater to the performance and security needs of a high speed trading platform. The trading network infrastructure exclusively utilizes 10Gbit switch technology (both customer facing and internal messaging) for maximum throughput and reduced latency.

Connectivity Choices

- Users are strongly encouraged to establish connectivity to at least two data centers to minimize service disruption. MIAX plans to support the following connectivity options:
 - Cross-Connect: Users that are co-located in any of the data centers may request an in-house cross-connect from the User's Point of Entry (POE) to MIAX.
 - Point-to-point: Users may connect a point-to-point connection using leased lines or other network methods (e.g. Ethernet, etc.).
 - Remote POPs (Point of Presence): Users may connect either through cross-connect if co-located or Point-to-Point connectivity to one of two major POPs that MIAX has presence in. The POPs are considered extended cross-connect to all three data center locations.
- For more details on connecting to the MIAX trading platform, please see the Interface Connectivity Specifications on the MIAX web site – <http://www.miaxoptions.com/interface-specifications>.

5. Information Regarding Trading on MIAX

MIAX Opening Process

The Exchange employs an opening process structured to match and execute the greatest number of pending buy and sell orders. Pre-opening orders and quotes are accepted. Once the opening process begins, if there are no quotes or orders that lock or cross each other, the System will open by disseminating the Exchange's best bid and offer among quotes and orders that exist in the System at that time. If there are quotes or orders that lock or cross each other, the System will calculate an opening price taking into consideration all valid quotes and orders, together with other exchanges' markets for the series and identify the price at which the maximum number of contracts can trade. If an imbalance remains, MIAX uses a Route Timer (not to exceed one second) and/or an Imbalance Timer (not to exceed three seconds) to allow additional orders or quotes to be submitted. The Trading System broadcasts System Imbalance

Messages and calculates an Expanded Quote Range that limits the range of prices at which transactions may occur during the opening process. MIAX takes these steps to make sure that the actions the Trading System takes to route orders to other markets disseminating prices better than the Exchange's opening price, execute marketable interest at the opening price on the Exchange, and/or route to other markets disseminating prices equal to the Exchange opening price are appropriate and provide for the execution of the greatest number of contracts. See Rule 503 for more detail on the MIAX Opening Process.

Order Types

The following order types, described in the MIAX Rules, are currently available or may later become available for use on the Exchange: market orders, limit orders, fill-or-kill orders, immediate-or-cancel orders, non-displayed penny orders, auction or cancel orders, WAIT orders, attributable orders, intermarket sweep orders, do not route orders, opening orders, customer cross orders, qualified contingent cross orders and good 'til cancelled orders. Each of these order types is described in Exchange Rule 516. The MIAX maintains a full audit trail of every order submitted to its trading system. Members may receive status reports regarding orders submitted to the Exchange or change or cancel an order at any time prior to the order being executed on the Exchange. Based on system functionality, a locked or crossed market will not be displayed by the Exchange with respect to orders to buy and orders to sell submitted to the Exchange unless allowed pursuant to Exchange Rules or a national market system plan governing locked and crossed markets.

Quote Types

Market Makers may submit a single standard quote and multiple eQuotes, and may have multiple quotes active in a single series at any time. The following are some of the quote types described in MIAX Rules that are currently available or may later become available for use on the Exchange: standard quote, day eQuote, immediate or cancel eQuote, fill or kill eQuote, Intermarket Sweep eQuote, auction or cancel eQuote and opening only eQuote. Each of these quote types is described in Exchange Rule 517. MIAX Rules also provide for the categorization of certain Market Maker quotes as priority quotes and non-priority quotes. Use of priority quotes, which need to meet defined bid/ask differential requirements, will entitle Market Makers to precedence over non-priority Market Maker interest and other professional interest on the Exchange.

Allocation of Trades

MIAX applies one of its two types of trade allocation methodologies when allocating a trade at a given price. MIAX determines on a class by class basis whether it will use the Price-Time Allocation methodology or the Pro-Rata Allocation methodology. MIAX also uses Priority Overlays, applied on a class by class basis and described in Rule 514(d). Generally, when allocating a trade at a given price, MIAX first allocates executed contracts to Priority Customer orders, which always have priority over all other interest on the exchange. Priority Customers are defined in MIAX Rule 100. If there are two or more Priority Customer orders at the same price executed contracts are allocated in the time sequence in which the orders were received by the Exchange. MIAX next allocates executed contracts to priority Market Maker interest, which may include both standard quotes and eQuotes. If there are two or more Market Makers' quotes or eQuotes at the same price, executed contracts are allocated using the Pro-Rata methodology with certain priority overlays applied for the Primary Lead Market Maker or a Directed Lead Market Maker. Lastly, MIAX allocates executed contracts to any remaining orders and quotes to Professional Interest, as defined in Rule 100. Professional Interest

includes non-priority Market Maker quotes and eQuotes, Market Maker orders, non-priority customer orders and all orders for the account of a Broker-Dealer, non-MIAX Market Maker and Firms.

Minimum Price Variations and Minimum Trading Increments

Option classes not in the Penny Pilot Program have a Minimum Price Variation (MPV) for MBBO display in \$0.05 variations under \$3.00 and \$0.10 variations over \$3.00. See Rule 510 for additional discussion of MPVs.

Option classes in the Penny Pilot Program have an MPV for MBBO display in \$0.01 variations under \$3.00 and \$0.05 variations over \$3.00, with the exception of options on certain ETF's and Holders where all options may be displayed in MPVs of \$0.01. A list of option classes in the Penny Pilot Program can be found on the MIAX website <http://www.miaxoptions.com/>.

MIAX may designate certain classes to be eligible for non-displayed penny orders, which is a limit order that specifies a one-cent trading increment in an option class that has an MPV of greater than one-cent. Non-displayed penny orders shall be available for execution at the stated limit price, but shall only be displayed to market participants and the public at the Minimum Price Variation for the option class. The displayed price of a non-displayed penny order will be the closest Minimum Price Variation that does not violate the limit price. Market Maker quotes in option classes eligible for non-displayed penny orders may also be in one-cent trading increments. Quotes submitted in such option classes will be firm, but will only be displayed in the MPV for the option class.

Routing to other Exchanges

MIAX is a participant in the Options Order Protection and Locked/Crossed Market Plan ("Plan"). In accordance with the Plan, MIAX provides price protection in options by routing intermarket sweep orders to other options exchanges. Intermarket sweep orders representing Priority Customer orders may be routed to another options exchange when trading interest is not available on MIAX or is of insufficient size, or when MIAX is not at the National Best Bid or Offer ("NBBO") consistent with the Plan. Priority Customer orders with contingencies and/or designated as Do Not Route or "DNR" can only be executed on MIAX. Priority Customer orders that are routable may either be eligible for immediate routing or be subject to a route timer. Immediate routing is available for Priority Customer orders that meet certain criteria relating to the order's limit price (cannot cross the NBBO), the displayed market (displayed NBBO cannot be crossed) and the size of the order and the size of displayed market. The route timer allows Market Makers and other market participants an opportunity to interact with an order before it is routed to another options exchange. MIAX routes intermarket sweep orders to other exchanges through the use of unaffiliated routing brokers. See Rule 529 for more detail on order routing to other exchanges.

Execution of Orders and Quotes

The Trading System, when appropriate, immediately executes incoming orders or quotes against orders and quotes in the System, provided such incoming orders and quotes will not be executed at prices inferior to the NBBO. When an incoming order cannot be fully executed, the System handles the order by either (i) posting the order or quote at its limit price, (ii) routing it to an away market; (iii) managing it at the disseminated MBBO; or (iv) executing it in accordance with the price protection processes. The System provides price protection, so that non-Market Maker orders, which cross the NBBO upon receipt and could not be fully executed may only

receive additional executions one minimum price variation worse than the NBBO. The Exchange will also provide a liquidity refresh pause as part of its price protection processes, which will include the broadcasting of a liquidity refresh message. The liquidity refresh pause will be implemented when a Market Maker's best bid or offer was at the NBBO, an execution has occurred that exhausted the Exchange's bid or offer, there are contracts remaining to be executed at one MPV through the original MBBO. The purpose of the liquidity refresh pause, which will not exceed one second, is to give Market Makers the ability to refresh and potentially improve their quotations by allowing them to submit quotes or orders and other market participants the ability to submit orders at any price level. Once the liquidity refresh pause has ended the Exchange will execute any remaining contracts as appropriate. See Rule 515 for more detail on the execution of orders and quotes.

MIAX Order Monitor

In order to avoid the occurrence of potential obvious or catastrophic errors on the Exchange, the MIAX System includes the MIAX Order Monitor, as described in the Exchange's Rule 519. The MIAX Order Monitor will prevent certain orders from executing or being placed on the MIAX Book at prices outside pre-set standard limits established for market width (for market orders) and a limit order's price relative to the NBBO. See Rule 519 for more detail on the MIAX Order Monitor.

MIAX Rule Regarding Obvious and Catastrophic Errors

MIAX Rule 521 provides (1) definitions of obvious error and catastrophic error; (2) procedures for determining whether an obvious error or catastrophic error has occurred; (3) procedures for nullifying the transaction or adjusting the price of the transaction; and (4) a process for reviewing determinations made under the rule. See Rule 521 for more detail on obvious and catastrophic errors.

6. MIAX Trading Schedule

Trading Hours

Pre-Opening session:	7:30 am to 9:30 am Eastern Time
Regular Trading Session (equity options):	9:30 am to 4:00 pm Eastern Time
Regular Trading Session (defined list of ETF options):	9:30 am to 4:15 pm Eastern Time

Holiday Schedule

MIAX will follow the New York Stock Exchange Holiday Schedule. On days when the NYSE closes early, MIAX hours may vary due to its extended trading day.

	2012	2013
New Year's Day	January 2	January 1
Martin Luther King, Jr. Day	January 16	January 21
Presidents' Day	February 20	February 18
Good Friday	April 6	March 29
Memorial Day	May 28	May 27
Independence Day	July 4	July 4
Labor Day	September 3	September 2
Thanksgiving Day	November 22	November 28
Christmas	December 25	December 25

7. Contact MIAX

Website	www.miaxoptions.com
Main Number	(609) 524-7202
Trading Operations	(609) 524-7202 tradingops@miaxoptions.com
Membership Services	(609) 524-7202 membershipservices@miaxoptions.com
Billing	(609) 524-7202 billing@miaxoptions.com
National Operations	(609) 524-7202 nocc@miaxoptions.com
Connectivity	(609) 524-7202 technology@miaxoptions.com

MEMBER FIRM APPLICATION CHECKLIST

I. Firm General Information

- Application

II. Type of Membership

- Primary Lead Market Maker Member
- Lead Market Maker Member
- Registered Market Maker Member
- Electronic Exchange Member

- Clearing

- Application Fee

III. Firm Contact Information

(Name, title, CRD #, email, phone & fax #s)

- Business Contacts: Application, Billing, Compliance, Technical and Trading
- Regulatory Contacts: Supervisory Principal(s), AML Compliance Officer, Chief Compliance Officer, FINOP Officer

IV. Regulatory

(Copies and/or statements)

- Form BD and CRD #: *most current*
- Organizational Chart: *Applicant's supervisory structure by name, title, CRD #, and registrations*
- SRO membership(s) or affiliation(s)
- Designated Examination Authority (DEA): *(copy of most current examination results)*
- Written Supervisory Procedures: *including AML & BCP*
- Reportable investigation or disciplinary disclosure(s) and findings within last 10 years for all applicants
- WebCRD registration(s)

Form U-4

- Registered Option Trader(s) list
- Form U-4 for Member(s)/Approved Person(s):
 - Primary Lead Market Maker
 - Lead Market Maker
 - Registered Market Maker
 - Electronic Exchange Member
- Qualification Examination(s) *as required* for Member(s), Market Maker(s), Registered Person(s), Trader(s) and others subject to registration.
- Non Form U-4 Individual(s) qualification statement(s)



MEMBER FIRM APPLICATION CHECKLIST

V. Organizational Structure Information

- Limited Liability Company: *Operating Agreement, Charter, By-laws, Articles of Organization or Certificate of Formation*
- Corporation: *Articles of Incorporation, By laws, Amendments*
- Partnership: *executed copy of Partnership Agreement*
- Sole Proprietorship
- Federal ID Number/SSN
- Office listing(s) where Applicant will conduct MIAX market-making
- State of Organization

VI. Business and Operating Information

- Proposed trading activities statement
- Trade execution, order routing and processing systems agreement(s) with other broker-dealers, banks, service bureaus or other third-party agents
- OCC Clearing Member Guarantee
- MPID
- Error Account(s): _____
- Brokers Blanket Bond, *if applicable*
- Other business activities and "Information Barrier" procedures, *if applicable*

VII. Financial

(Copies and/or information or statement)

- Focus Report: *most current*
- Balance Sheet: *most current*
- CFO Declaration Statement
- Independent Public Accountant
- Guarantor of transactions and nature of guarantee
- Capital and debt disclosure statements

VIII. Attestation and Authorization of Membership Applicant

- Executed Form

Supplemental Documents *(as applicable)*

- User Agreement
- Sponsor Agreement
- Sponsored Customer Agreement

ANY QUESTIONS? PLEASE CONTACT:

John Cunningham

Member Services

(O): 609.897.1479

jcunningham@miaxoptions.com

SEND APPLICATION & DOCUMENTS TO:

Member Services

Miami International Holdings, Inc.

7 Roszel Road – 5th Floor, Princeton, NJ 08540

membership@miaxoptions.com



PRE-APPLICATION INFORMATION SURVEY

- I. Firm Name, Address, Office/Fax #s**
(Please provide requested information on attached worksheet.)
- II. Type of Membership**
- Primary Lead Market Maker Member
 - Lead Market Maker Member
 - Registered Market Maker Member
 - Electronic Exchange Member
 - Order Flow
 - Clearing : # _____
- III. Primary Firm Contacts**
(Name, title, email, phone & fax #s)
- Compliance/Pre-Application, Technical, Trading
- IV. Regulatory**
- Form BD and CRD #: Please provide most current.
 - SRO membership(s) or affiliation(s)
 - Designated Examination Authority (DEA)
- V. Organizational Structure**
(Please provide copies.)
- Limited Liability Company: Operating Agreement, Articles of Organization or Certificate of Formation, By-law(s), Amendment(s)
 - Corporation: Articles of Incorporation, By-law(s), Amendment(s)
 - Partnership: executed Agreement
 - Sole Proprietorship
 - Organizational Chart: Applicant's supervisory structure by name, title, CRD #, and registration(s)
 - Federal Tax ID Number/SSN
 - State of Organization
- VI. Business and Operating Information**
- Proposed trading activities statement
 - Description of market maker, order routing and processing systems with other broker-dealers, banks, service bureaus or other third-party agents

QUESTIONS? PLEASE CONTACT:

John Cunningham
Member Services
(O): 609.897.1479
jcunningham@miaxoptions.com

Amy Neiley
Trading Operations
(O): 609.897.1463
aneiley@miaxoptions.com

SEND PRE-APPLICATION INFORMATION & DOCUMENTS TO:

Miami International Holdings, Inc.
Member Services
7 Roszel Road – 5th Floor, Ste. 5A,
Princeton, NJ 08540
membership@miaxoptions.com
O: 609.897.7300; F: 609.524.2596



PRE-APPLICATION INFORMATION SURVEY

WORKSHEET

I. Firm Name: _____
Address: _____
City/State/Zip Code: _____
Tele #: () _____ - _____; Fax #: () _____ - _____

III. Primary Firm Contacts:
Compliance/Pre-Application:
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____

Technical:
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____

Trading:
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____

IV. Regulatory:
Applicant-Firm CRD #: _____
SRO membership(s) or affiliation(s) and type of membership:
 NYSE/ARCA: _____ ISE: _____ BOX: _____
 NYSE/AMEX: _____ NOM: _____
 CBOE: _____ PHLX: _____ BX: _____
 C2: _____ BATS: _____

Designated Examination Authority (DEA):
 FINRA
 CBOE

V. Organizational Structure
 Corporation Partnership
 Limited Liability Company Sole Proprietor

Federal Tax ID/SSN#: _____

State of Organization: _____

Pre-Application Information Survey

VI. Business and Operating Information

Proposed trading activities:

- Market Maker Business Unit Name:** _____
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____
- Order Flow Provider Business Unit Name:** _____
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____
- Clearance Business Unit Name:** _____
Name: _____ Title: _____
Tele #: () _____ - _____; Fax #: () _____ - _____
Email: _____

Description of Systems:

Clearing Give-up and # Account(s):

MEMBER APPLICATION

An Applicant for membership on the Miami International Securities Exchange, LLC (the “MIAX” or the “Exchange”) must complete this Member Application form, including Sections 1 through 5. The completed Membership Application form, including an executed copy of the User Agreement and supplemental materials requested herein, should be sent via email or certified or first class mail to*:

Miami International Securities Exchange, LLC

7 Roszel Road - 5th Floor, Ste. 5A
Princeton, NJ 08540
Attention: Member Services
609.897.1479
membership@miaxoptions.com

Each application must be accompanied by a check for the full amount of the applicable application fee payable to the Miami International Securities Exchange, LLC. Application fees are non-refundable.

Persons associated with the Applicant are subject to investigation by the Exchange and may be required to appear in person before the Exchange. The Exchange may also require any person associated with a Member who may possess information relevant to the Applicant’s suitability to be a Member to provide information or testimony.

The Exchange will determine whether to approve an application. Written notice of the action of the Exchange, specifying in the case of disapproval of an application the grounds therefore, shall be provided to the Applicant.

If the application process is not completed within six (6) months of the filing of the application form and payment of the appropriate fee, the application shall be deemed to be automatically withdrawn.

**Note:* In accordance with Rule 200(c)(7), Every Applicant must have and maintain membership in another registered options exchange (that is not registered solely under Section 6(g) of the Exchange Act). If such other registered options exchange has not been designated by the Commission, pursuant to Rule 17d-1 under the Exchange Act, to examine Members for compliance with financial responsibility rules (*known as the Designated Examining Authority or “DEA”*), then such Applicant must have and maintain a membership in FINRA.

**Each Applicant must also have and maintain membership with another SRO that has been appointed a Designated Options Examining Authority or “DOEA” in connection with the Multiparty 17d-2 Plan for the examination, surveillance, investigation and enforcement of options related sales practice rules. MIAX will not be offering a DOEA regulatory oversight services to member firms.*

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

I. Firm Information

A Member of the Exchange may be a corporation, partnership, limited liability company or sole proprietorship organized under the laws of a jurisdiction of the United States, or such other jurisdiction as the Exchange may approve. Each Member must be a broker-dealer registered pursuant to Section 15 of the Exchange Act and meet the qualifications for a Member in accordance with Rules of the Exchange applicable thereto. Each Member must prepare and maintain financial and other reports required to be filed with the SEC and the Exchange in English and U.S. dollars, and ensure the availability of an individual fluent in English and knowledgeable in securities and financial matters to assist representatives of the Exchange during examinations.

Every Member shall have as the principal purpose of being a Member the conduct of a securities business. Such a purpose shall be deemed to exist if and so long as: (1) the Member has qualified and acts in respect of its business on the Exchange in one or more of the following capacities: (i) a Lead Market Maker; (ii) a Registered Market Maker; or (iii) an Electronic Exchange Member.

a) **Applicant Firm Name:** _____
Address: _____
City/State/Zip Code: _____
Tele #: () _____ - _____; **Fax #:** () _____ - _____

b) Is Applicant affiliated with a MIAX Member Firm? Yes: _____ No: _____

1) If yes, List Member Firm(s):

2) Affiliate(s) status:

- New
 Existing

II. Type of Membership

[Indicate all that apply.]

- Primary Lead Market Maker Member
 Lead Market Maker Member
 Registered Market Maker Member
 Electronic Exchange Member
 Order Flow
 Clearing #: _____

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

III. Primary Firm Contact(s)
[Attach additional names(s) as needed.]

Application

Contact:

Name: _____
Title: _____
CRD# (If applicable): _____
Email: _____
Phone: _____ Fax: _____

Billing Contact:

Name: _____
Title: _____
CRD# (If applicable): _____
Email: _____
Phone: _____ Fax: _____

Compliance

Contact:

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

Technical

Contact:

Name: _____
Title: _____
CRD# (If applicable): _____
Email: _____
Phone: _____ Fax: _____

Trading Contact:

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Member Application

[A list of persons primarily responsible for supervising trading and/or market making activities, including such persons' CRD numbers, if applicable. Attach additional names(s) as needed. Form U-4s to be provided. See Sect. IV,(m).]

Supervisor of Authorized

Individual(s):

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

Pursuant to Exchange Rule 315(d) each Member is required to designate, and identify to the Exchange, a person or persons responsible for implementing and monitoring the day-to-day operations and internal controls of the Member's anti-money laundering program. A Member must provide prompt notice to the Exchange regarding any change in this designation. If applicant is a Member of FINRA, it is required to comply with FINRA Rule 3310. Notification of changes to this designation need not be filed with the Exchange if the Member complies with such FINRA rule.

AML Compliance Officer:

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

Chief Compliance Officer (CCO):

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

FINOP (Series 27 Qualified):

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

Principal (Series 24 Qualified):

Name: _____
Title: _____
CRD#: _____
Email: _____
Phone: _____ Fax: _____

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

IV. Regulatory

[Please provide the following information.]

- a) Applicant's Form BD: *current filing copy*.
- b) Firm CRD: # _____
- c) A list of Self Regulatory Organizations ("SRO") of which Applicant is a member.
- d) Applicant's designated examining authority ("DEA").
- e) For applicants that propose to clear transactions effected on the Exchange, a copy of Applicant's written procedures for assessing and monitoring potential risks to capital over a specified range of market movements of positions.
- f) A statement indicating whether Applicant is currently, or has been in the last 10 years, the subject of any investigation or disciplinary proceeding conducted by any SRO, or by any federal or state securities or futures regulatory agency or commission, regarding Applicant's activities that are not disclosed on Applicant's Form BD.
- g) If so, the statement must include all relevant details, including any sanctions imposed.
- h) A statement indicating whether any person listed on Schedule A of Applicant's Form BD is currently, or has been in the last 10 years, the subject of any investigation or disciplinary proceeding conducted by any SRO, or by any federal or state securities or futures regulatory agency or commission, regarding Applicant's activities that is not disclosed on a Form U-4 for such individuals.
- i) If so, the statement must include all relevant details, including any sanctions imposed.
- j) If Applicant is not a FINRA member, provide a copy of Form U-4 for those individuals on Schedule A of Applicant's Form BD in those cases where such individuals are subject to Form U-4 reporting.
- k) A list of all Registered Options Trader(s). *(Note that each Registered Options Trader must take an examination and be approved by the Exchange.)*
- l) A list of persons primarily responsible for supervising trading and/or market making activities, including such persons' CRD numbers, as applicable [Sect. III].
- m) Form U-4: *current filing copy*, for each individual identified in (k) and (l) above or, if such individuals are not currently subject to Form U-4 reporting, provide a brief description of their qualifications.
- n) Supervisory procedures with respect to MIAX trading activities: *current copy*, including AML and BCP procedures, and, if applicable, identify any new procedures that will be implemented for new types of business the firm plans to launch.
- o) Date of Applicant's last examination during which such supervisory procedures were reviewed and by which SRO. *Please provide copy of exam results.*
- p) WebCRD registration(s)
- q) MPID(s)

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

V. Organizational Structure

[Please provide the following information.]

- a) Type of Organization:
 - Corporation
 - Partnership
 - Limited Liability Corporation
 - Sole Proprietor

- b) State of Organization: _____
- c) Federal Tax ID/SSN: _____
- d) A copy of Applicant's partnership agreement, LLC operating agreement, charter, by-laws or equivalent documents.
- e) An organizational chart, including the names of Applicant's chief executive officer, chief financial officer, chief operating officer, and chief compliance officer.
- f) A listing of the office(s) from which Applicant will conduct its MIAX market making (Lead and Registered Market Makers) activity.

VI. Business and Operating Information

- a) A copy of any contract or agreement with another broker-dealer, a bank, a clearing entity, a service bureau or a similar entity to provide Applicant with services regarding the execution or clearance and settlement of transactions effected on the Exchange.
- b) A description of Applicant's proposed trading activities on the Exchange, such as whether it will enter customer orders, proprietary orders or conduct block trading activities, etc.
- c) If applicable, a description of the manner in which Applicant receives orders from customers, such as electronically via internet or proprietary communication devices, and the processes and/or systems used.
- d) A description of the manner in which Applicant will send orders to the Exchange, such as manually, through an internal order processing system or through a third party order routing service.
- e) The OCC member through which Applicant will clear transactions effected on the Exchange (if Applicant is self-clearing, so indicate).
- f) If applicable, evidence that Applicant has the Brokers' Blanket Bond.
- g) If Applicant will be conducting "Other Business Activities", a statement describing such activities and a copy of the "Information Barrier" procedures.

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

VII. Financial Disclosure

[Attach response statement(s) as needed.]

- a) Copy of Applicant's most recent "FOCUS Report" (Form X-17A-5) filed with the SEC pursuant to Rule 17a-5 under the Exchange Act (*the most current Parts I, II, and IIA, as applicable*).
- b) Applicant's financial Balance Sheet, *current copy*.
- c) A Financial Reporting Declaration Statement from Applicant's CFO regarding the content in (b) above.
- d) Name, address and contact information for Applicant's independent public accountant.
- e) If any other person will guarantee the transactions Applicant will effect on the Exchange, attach a statement indicating the name of the guarantor and the nature of the guarantee.
- f) The source and amount of Applicant's capital to support its market making activities on the Exchange, and the source of any additional capital that may become necessary.
- g) If Applicant intends to raise additional capital to finance its business on the Exchange, attach a statement indicating the source and amount of such capital.
- h) Debt(s) to Exchanges and/or Exchange Members (*verbal and written*).
- i) Does the organization owe any monies to MIAX, another national securities exchange, a national securities association, a national futures association, or a commodities exchange that are overdue (*including but not limited to any overdue fees, charges, dues, assessments, fines or other amounts*)?
 - Yes: _____ No: _____
 - If yes, to whom: _____ Amount: \$ _____
- j) Have satisfactory arrangements been made to repay this debt?
 - Yes: _____ No: _____
 - If yes, to whom: _____ Amount: \$ _____
 - Describe: (Attach statement)
- k) Does the organization owe any monies to any MIAX Permit Holder, or any member of another national securities exchange, a national securities association, a national futures association, or a commodities exchange?
 - Yes: _____ No: _____
 - If yes, to whom: _____ Amount: \$ _____
 - Describe: (Attach statement)
- l) Have satisfactory arrangements been made to repay this debt?
 - Yes: _____ No: _____
 - If yes, to whom: _____ Amount: \$ _____
 - Describe: (Attach statement)

VIII. Attestation, Consent to Jurisdiction and Authorization of Membership

Applicant-Firm: _____

- a) The Applicant agrees that it will abide by the Bylaws and Rules of the Exchange as amended from time to time, and by all circulars, notices, directives or decisions the Exchange adopts pursuant to or made in accordance with its Rules.
- b) The Applicant agrees to submit to the jurisdiction of the Exchange [MIAX Rules 1000, 200(f)] in matters related to conducting of business on and access to the Exchange including rulings, orders, decisions, directives, investigations, disciplinary actions, prohibitions, limitations, penalties, and arbitrations, subject to right of appeal or review as provided by law.
- c) The Applicant may be the subject of an investigative and/or background checks, and therefore; authorizes any Self Regulatory Organization (SRO), Commodities Exchange, former employer and other persons to furnish to the Exchange, upon its request, any information that such person or entity may have concerning the character, ability, business activities, reputation and employment history of Applicant or its associated persons, and releases such person or entity from any and all liability in furnishing such information to the Exchange.
- d) The Applicant authorizes the Exchange to make available to any governmental agency, SRO, commodities exchange or similar entity, any information the Exchange may have concerning Applicant or its associated persons, and releases the Exchange from any and all liability in furnishing such information.
- e) The Applicant agrees to pay all dues, fees, assessments, and other charges in the manner and amount as shall from time to time be fixed by the exchange.
- f) The Applicant certifies that all associated persons required to be fingerprinted have been fingerprinted and affirms that it is not associated with a person subject to a statutory disqualification, unless such individual's association is approved by a SRO.
- g) The undersigned represents that all the information contained in the Membership Application Form and supplemental materials it has submitted to the Exchange is true, complete and accurate and may be verified by investigation.
- h) The Applicant agrees to promptly update its application materials if any of the information provided is or becomes inaccurate or incomplete after the date of submission of its application to the Exchange and prior to its approval.
- i) The undersigned attests that he/she is authorized on behalf of Applicant-Firm to make this application to Miami International Securities Exchange, LLC ("MIAX" or "Exchange").

By: _____

(Print Name)

(Print Title)

(Signature)

(Date)

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

DEFINITIONS

For purposes of this application, the following terms shall have the following meanings:

1. **Applicant** – the Person applying to become a Member of MIAX in the capacity of either Electronic Exchange Member (“EEM”), Lead Market Maker or Registered Market Maker (collectively “Market Makers” or “MMs”), or the Member amending this form.
2. **Associated Person** - any partner, officer, director, or branch manager of a Member (or any person occupying a similar status or performing similar functions), any person directly or indirectly controlling, controlled by, or under common control with a Member, or any employee of a Member.
3. **Authorized Individual** - a person authorized to submit orders to MIAX on behalf of Sponsored Participant. As used in this Agreement, the requirement that a Sponsored Participant “comply with MIAX Rules” or “act in compliance with MIAX Rules” (or such other similar phrases) shall mean that Sponsored Participant shall comply with MIAX Rules as if it were a MIAX Member.
4. **Central Registration Depository (“Web CRD[®]”)** – a centralized electronic registration system maintained by FINRA which provides information on registered representatives and principals for members of participant organizations. This database contains employment history, exam scores, licensing information, disciplinary actions, fingerprint results, and other related registration information.
5. **Control** – the power to exercise a controlling influence over the management or policies of a person, unless such power is solely the result of an official position with such person. Any person who owns beneficially, directly or indirectly, more than 20% of the voting power in the election of directors of a corporation, or more than 25% of the voting power in the election of directors of any other corporation which directly or through one or more affiliates owns beneficially more than 25% of the voting power in the election of directors of such corporation, shall be presumed to control such corporation.
6. **Designated Examining Authority (“DEA”)** – the SEC will designate one SRO to be a broker-dealer’s examining authority, when the broker-dealer is a member of more than one SRO. Every broker-dealer is assigned a DEA, who will examine the broker-dealer for compliance with financial responsibility rules. The SEC will make the DEA assignment based on the SRO examination program and the broker-dealer’s primary business location.
7. **Designated Options Examining Authority (“DOEA”)** – DOEAs (currently FINRA and CBOE) have been appointed pursuant to the Multiparty 17d-2 Plan for the examination, surveillance, investigation and enforcement of options related sales practice rules. The DOEAs are responsible for enforcing the rules of the option exchange participants set forth in Exhibit A of the Plan, conducting options-related sales practice examinations, and investigating options-related complaints and terminations for cause of associated persons.
8. **Electronic Exchange Member** - a Member that holds a valid Trading Permit, who is not a market maker and is registered with the Exchange pursuant to Chapter II of the MIAX Rules for the purposes of participating in trading on the Exchange.

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Member Application

9. **Financial Arrangement** - 1) the direct financing of a Member's dealings upon the Exchange, or 2) any direct equity investment or profit sharing arrangement, or 3) any consideration over the amount of \$5,000.00 including, but not limited to, gifts, loans, annual salaries or bonuses.
10. **Lead Market Maker** - a Member that holds a valid Trading Permit and is registered with the Exchange for the purpose of making markets in securities traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter VI of the MIAX Rules with respect to Lead Market Makers.
11. **Registered Market Maker** - a Member that holds a valid Trading Permit and is registered with the Exchange for the purpose of making markets in securities traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter VI of the MIAX Rules with respect to Registered Market Makers.
12. **Member** - a corporation, partnership, limited liability company or sole proprietorship that is registered with the Exchange pursuant to Chapter II of the MIAX Rules for the purposes of transacting business on the Exchange in one or more of the following capacities: (i) a "Lead Market Maker," (ii) a "Registered Market Maker," or (iii) an "Electronic Exchange Member."
13. **MIAX** - the Miami International Securities Exchange, LLC.
14. **Person** - a natural person, corporation, partnership, limited liability company, association, joint Securities company, trustee of a trust fund, or any organized group of persons whether incorporated or not.
15. **Registered Options Trader ("ROT")** - Per MIAX Rule 601(b)(1), ROTs may be: (i) individual Members registered with the Exchange as Market Makers, or (ii) officers, partners, employees or associated persons of Members that are registered with the Exchange as Market Makers.
16. **Self-Regulatory Organization ("SRO")** - each exchange or national securities association is an SRO. Each SRO must have rules that provide for the expulsion, suspension and other discipline of member Broker-Dealers for conduct inconsistent with just and equitable principles of trade.
17. **Sponsored Participant** - a person or entity (e.g., a customer, another Member or a non-member broker-dealer) that has entered into an arrangement with a MIAX Member ("Sponsoring Member") whereby the Sponsoring Member provides access to the Exchange or otherwise allows such person or entity to route its orders to the Exchange using the Member's market participant identifier ("MPID").



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Clearing Member Guarantee

Name of Clearing Member

OCC # Acronym

Name of Market Maker

In accordance with Miami International Securities Exchange, LLC ("MIAX") Rule 608, the undersigned Clearing Member has issued a Letter of Guarantee for the above Market Maker, a copy of which has been delivered to MIAX. The Letter of Guarantee provides that the Clearing Member guarantees and assumes financial responsibility for all transactions on MIAX resulting from orders, bids, offers, and other messages that are transmitted by the Market Maker through the above-listed acronym. The Clearing Member guarantees and assumes financial responsibility for such transactions on MIAX even if orders, bids, offers, or other messages transmitted to MIAX through the foregoing acronym (i) were entered as a result of a failure in applicable security and/or credit controls, (ii) were entered by an unknown or unauthorized user, or (iii) exceeded Clearing Member's credit parameters.

Name of Authorized Signatory
of Clearing Member

Title

Signature of Authorized Signatory
of Clearing Member

Date



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

User Agreement

This User Agreement (this "Agreement"), with an effective date as of the date executed on the signature page hereof, is made by and between Miami International Securities Exchange, LLC., a Delaware limited liability company, with its principal offices at 7 Roszel Road, Princeton, NJ 08540 ("Exchange"), and the User of Exchange Services described below. Currently, a User can be an Exchange Member, a Sponsored Participant as set forth in Exchange Rule 210, as may be amended or re-numbered from time to time, or such other person or entity as Exchange rules may allow.

1. **Term of the Agreement.** This Agreement will continue until terminated pursuant to the terms of this Agreement.

2. **Services.** Subject to the terms and conditions of this Agreement, User will have the right to access Exchange to enter orders on Exchange, receive status updates on orders, cancel orders, execute trades against orders on the Exchange limit order book and to receive data feeds from Exchange ("Exchange Data") containing information regarding User's open orders, executions and volume on Exchange (collectively, the "Services"). User acknowledges and agrees that nothing in this Agreement constitutes an understanding by Exchange to continue any aspect in its current form. Exchange may from time to time make additions, deletions or modifications to the Services. User acknowledges and agrees that Exchange may temporarily or permanently, unilaterally condition, modify or terminate the right of any individuals or entities to access, receive or use Exchange in accordance with the Amended and Restated Limited Liability Company Agreement, Bylaws, Rules and Procedures of Exchange, as amended or re-numbered from time to time (collectively, the "Exchange Rules"). In the event of a conflict between the Exchange Rules and this Agreement, the Exchange Rules shall prevail. Exchange reserves the right to modify or change the Services provided Exchange notifies User prior to the effectiveness of the modification and User's continued use of the Services following the modification will constitute User's acceptance of the modification.

3. **Compliance.** Except as otherwise provided herein, with respect to all orders submitted to Exchange by User, it is the sole responsibility of User to ensure compliance, by itself, its customers and its representatives, with all applicable United States federal and state laws, rules, and regulations as well as those of FINRA or any other self-regulatory organization of which the User is a member to the extent applicable to User. User represents and warrants that: (i) it will use Exchange only if and when it is duly authorized to use Exchange pursuant to the Exchange Rules; (ii) it agrees to be bound by, and will only use Exchange in compliance with, Exchange Rules; (iii) it is and will remain responsible for its use of Exchange and the use of Exchange by any of its associated persons, employees, customers or agents or, if User is a member of Exchange, by any person which has entered into a Sponsored Access arrangement

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
User Agreement

with User to use Exchange (a “Sponsored Participant”); (iv) it will maintain and keep current a list of all associated persons in accordance with Exchange Rule 203, as may be amended or re-numbered from time to time, all Registered Options Traders as specified in Rule 601, as may be amended or re-numbered from time to time, and any other authorized individuals who may obtain access to Exchange on behalf of User and/or any Sponsored Participant(s) and any other authorized individuals who may obtain access to User’s Data (as defined below) that is transmitted to or maintained by any third party vendors of Exchange; and (v) it will familiarize User’s authorized individuals with all of User’s obligations under this Agreement and will assure that they receive appropriate training prior to any use of or access to Exchange.

4. Monitoring. User acknowledges and agrees that Exchange will monitor the use of Exchange by User for compliance with all applicable laws and regulations, including, without limitation, Exchange Rules. User acknowledges its responsibility to monitor its associated persons, employees, agents and customers for compliance with Exchange Rules, the rules and regulations of any self-regulatory organizations of which User is a member and all applicable federal and state laws.

5. Settlement of Transactions. User agrees that it is User’s absolute, unconditional, and unassignable obligation, in connection with each securities transaction effected by User on Exchange to ensure the timely delivery of the subject securities and/or funds as well as any required remittance of interest, dividend payments and/or other distributions in compliance with applicable laws and rules, including, without limitation, relevant rules under the Securities Exchange Act of 1934, as amended (the “Act”) as well as the rules of any qualified clearing agency. User will promptly notify Exchange in writing upon becoming aware of any material change in or to User’s clearing arrangements. Exchange retains the right to break any trade without liability to User or any of User’s customers in accordance with the Exchange’s Obvious and Catastrophic Error Rule (Exchange Rule 521, as may be amended or re-numbered from time to time).

6. Sponsored Participants. Notwithstanding Exchange’s execution and delivery to User of a copy of this Agreement, if User is a Sponsored Participant, and not a member of Exchange, as a condition to initiating and continuing access to Exchange, User must enter into and maintain customer agreements with one or more sponsoring members of Exchange establishing proper relationship(s) and account(s) through which User may trade on Exchange. Such customer agreement(s) must incorporate the sponsorship provisions set forth in Exchange Rules.

7. Connectivity. User is solely responsible for providing and maintaining all necessary electronic communications with Exchange, including, wiring, computer hardware, software, communication’s line access, and networking devices.

8. Market Data. User hereby grants to Exchange and any of its third party vendors a non-exclusive, non-assignable, non-transferable, worldwide, irrevocable license to receive, to use and to store information and data that User or User’s agent enters into Exchange (collectively, the “User’s Data”) for the following purposes: as part of Exchange Data for performing self-regulatory functions; for internal commercial purposes (i.e., purposes that do not include disclosing, publishing, or distributing outside of Exchange); and for use as part of Exchange market data products (i.e., products that include disclosure, publication, or distribution to third parties), provided that: (i) such market data products are provided in an aggregate manner that does not directly or indirectly identify User as the source of the information; and (ii) fees for any

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
User Agreement

such market data products are filed with the Securities and Exchange Commission (“SEC”) in accordance with the requirements of Section 19 of the Act. User further acknowledges and agrees that the Exchange may disclose to and use third party vendors who may receive and store User’s Data for billing or other purposes from time to time and that the Exchange cannot guarantee that any third party vendor has adequate safeguards or that any safeguards will provide absolute protection and will not be breached and that, as a result, the User’s Data will not be destroyed, lost, altered or disclosed. User hereby agrees to hold harmless the Exchange and any of its affiliates, parent, subsidiaries and their respective officers, directors, employees and agents, from and against any claims arising out of or relating to the destruction, loss, alteration or unauthorized disclosure of User’s Data by such third party vendor or by or any other third party, including without limitation, damages, other monetary relief, costs and reasonable fees in connection therewith. Subject to the foregoing license, as between Exchange and User, User retains all ownership and other rights associated with User’s Data. No provision in this Agreement shall impair any right, interest, or use of User’s Data granted by operation of SEC rules or any other rule or law. User represents and warrants that, with respect to User’s Data: (i) User owns or has sufficient rights in and to User’s Data to authorize Exchange and any of its third party vendors to use User’s Data to perform all obligations under this Agreement with respect thereto; (ii) use or delivery of User’s Data by User or Exchange or any of its third party vendors will not violate the proprietary rights (including, without limitation, any privacy rights) of any party; and (iii) use or delivery of User’s Data by User or Exchange or any of its third party vendors will not violate any applicable law or regulation.

9. Restrictions on Use; Security. Unless otherwise required by law, User may not sell, lease, furnish or otherwise permit or provide access to Exchange or any information or data made available therein (with the exception of User’s Data) to any other entity or to any individual that is not User’s associated persons, employee, customer, agent or Sponsored Participant. User accepts full responsibility for its employees’, customers’, agents’ and Sponsored Participants’ use of Exchange, which use must comply with exchange Rules and the User’s obligations under this Agreement. User will take reasonable security precautions to prevent unauthorized use of or access to Exchange, including unauthorized entry of information into Exchange, or the information and data made available therein. Without limiting the generality of the foregoing, User shall insure that all internal use of Exchange Data: (i) clearly and prominently identify the information as originating from Exchange where applicable; (ii) is adequately protected to prevent unauthorized access; and (iii) is not altered by User to make it materially incorrect or misleading in any way. User understands and agrees that User is responsible for any and all orders, trades and other messages and instructions entered, transmitted or received under identifiers, passwords and security codes of User’s authorized traders, and for the trading and other consequences thereof, except in the event of willful misconduct, fraud or a breach of this Agreement by Exchange that results in unauthorized access by other parties. User may not convey, retransmit, republish or rebroadcast any Exchange Data to any outside party unless it signs and complies with a separate Exchange Data Vendor Agreement. Each party shall install and maintain at all times during the term of this Agreement a corporate “firewall” protecting its computer network in accordance with commercially reasonable specifications and standards. Exchange shall not include in the operation of Exchange or the Services provided under this Agreement any computer code designed to disrupt, disable, harm, or otherwise impede in any manner, including aesthetic disruptions or distortions, the operation of User’s computer system, or any other associated software, firmware, hardware, computer system or network (sometimes referred to as “viruses” or “worms”), or that would disable such system or impair in any way its operation based on the elapsing of a period of time, advancement to a particular date or other

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numeral (sometimes referred to as "time bombs", "time locks", or "drop dead" devices), or any other similar harmful, malicious or hidden programs, procedures, routines or mechanisms which would cause such programs to cease functioning, or provide or allow unauthorized access to the User's system, or to damage or corrupt data, storage media, programs, equipment or communications, or otherwise interfere with operations. In addition, Exchange shall implement a commercially reasonable method to intercept and block or delete any such viruses, worms, time bombs, time locks, drop dead devices or other malicious or harmful programs, procedures, routines or mechanisms, and carry out on a regular basis, no less frequently than monthly, and more frequently as reasonably required, a commercially reasonable method to scan its computer system and eliminate from it any such malicious or harmful programs, procedures, routines or mechanisms.

10. Information.

(a) **Confidentiality.** Both parties acknowledge that: (i) Exchange and the information and data made available therein, incorporate confidential and proprietary information developed, acquired by or licensed to Exchange; and (ii) each party may receive or have access to other proprietary or confidential information disclosed and reasonably understood as confidential by the disclosing party (collectively, the "Information"). The receiving party will use the disclosing party's Information solely to perform its obligations under this Agreement including in the case of Exchange any obligations performed through any of its third party vendors. The receiving party will take all precautions necessary to safeguard the confidentiality of the disclosing party's Information, including without limitation:(i) those taken by the receiving party to protect its own confidential information; and (ii) those which the disclosing party may reasonably request from time to time, Exchange will not disclose the identity of User or User's customers to any of its other members or to any third parties in connection with orders, trades and other messages and instructions entered or executed by User on Exchange, except as specifically authorized under this Agreement, including but not limited to any disclosure by Exchange to any of its third party vendors, as required by a court or regulatory or self-regulatory authority with jurisdiction over Exchange or User, or to facilitate the clearance and settlement of a trade, or with written permission from User.

(b) **Disclosure.** The receiving party will not disclose, in whole or in part, the disclosing party's Information to any person, except as specifically authorized under this Agreement. User may not disclose any data or compilations of data made available to User by Exchange without the express, prior written authorization of Exchange. The receiving party may also disclose Information in accordance with its regulatory obligations.

(c) **Unauthorized Use or Disclosure.** The parties acknowledge that any unauthorized use or disclosure of the disclosing party's Information may cause irreparable damage to the disclosing party. If an unauthorized use or disclosure occurs, the receiving party will immediately notify the disclosing party and take at its expense all steps necessary to recover the disclosing party's Information and to prevent its subsequent unauthorized use or dissemination, including availing itself of actions for seizure and injunctive relief. If the receiving party fails to take these steps in a timely and adequate manner, the disclosing party may take them at the receiving party's expense, and the receiving party will provide the disclosing party with its reasonable cooperation in such actions that the disclosing party may request.

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(d) **Limitation.** The receiving party will have no confidentiality obligation with respect to any portion of the disclosing party's Information that: (i) the receiving party independently developed before receiving the Information from the disclosing party; (ii) the receiving party lawfully obtained from a third party under no obligation of confidentiality; (iii) is or becomes available to the public other than as a result of an act or omission of the receiving party or any of its employees; or (iv) the receiving party is compelled to disclose by law, regulation or legal process provided by a court of competent jurisdiction or other governmental entity to whose jurisdiction the receiving party is subject.

11. **Obvious and Catastrophic Errors Policy.** User has read and agrees to the terms stipulated in Exchange Rule 521 (Obvious and Catastrophic Errors), as may be amended or re-numbered from time to time.

12. **Corporate Names; Proprietary Rights.** Exchange and User each acknowledge and agree that Exchange and User each have proprietary rights in their respective trade names, trademarks, service marks, logos, copyrights and patents, registered or unregistered (collectively, the "Marks"). Exchange and User each agree that they shall not use the other party's Marks in any way that would infringe upon the rights of the other Party. Further, this Agreement shall not grant either party the right to use the other party's Marks in any marketing, promotional or other materials without the prior review and written consent of the other party.

13. **Fees.** By signing this Agreement, User agrees to make timely payment of all system usage fees, as may be set forth in Exchange Rules, Fee Schedule or posted on Exchange's web site, as well as any applicable late fees for the failure to make payment within the required time period. Fees are payable within 30 days of the invoice date. User will be solely responsible for any and all telecommunications costs and all other expenses incurred in linking to, and maintaining its link to, Exchange. Failure to make payments within 30 days from the invoice date may result in suspension or termination of Services. User agrees to pay Exchange a late charge in the amount of 1% per month on all past due amounts that are not the subject of a legitimate and bona fide dispute. Subject to the Act, Exchange reserves the right to change its Fee Schedule with 48 hours prior notice to User (delivered via e-mail and posted to the Exchange web site). The provisions of this Section will survive the termination of this Agreement.

14. **DISCLAIMER OF WARRANTY.** THE SERVICES ARE PROVIDED AS-IS, WITHOUT WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, ANY IMPLIED WARRANTY ARISING FROM TRADE USAGE, COURSE OF DEALING OR COURSE OF PERFORMANCE, AND OF ANY OTHER WARRANTY OR OBLIGATION WITH RESPECT TO THE SYSTEM OR ANY SOFTWARE OR OTHER MATERIALS MADE AVAILABLE TO USER AND ALL SUCH OTHER WARRANTIES ARE HEREBY DISCLAIMED. THERE IS NO GUARANTY THAT THE SERVICES PROVIDED BY EXCHANGE WILL MEET THE USER'S REQUIREMENTS, BE ERROR FREE, OR OPERATE WITHOUT INTERRUPTION. EXCHANGE GIVES NO WARRANTIES OF ANY KIND AS TO THE FITNESS, CAPACITY, OR CONDUCT OF ANY OTHER PERSON HAVING ACCESS TO EXCHANGE AND SHALL NOT BE HELD LIABLE TO OR THROUGH USER OR OTHERWISE FOR ANY THIRD PARTY VENDOR ACTIONS OR OMISSIONS RELATING TO USER'S DATA AND FOR ANY CLAIMS ARISING OUT OF OR RELATING TO THE DESTRUCTION, LOSS, ALTERATION OR UNAUTHORIZED DISCLOSURE OF USER'S DATA BY SUCH THIRD PARTY VENDOR, INCLUDING WITHOUT LIMITATION, DAMAGES,

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OTHER MONETARY RELIEF, COSTS AND REASONABLE FEES IN CONNECTION THEREWITH, AND FOR ANY USE OR ABUSE WHATSOEVER OF EXCHANGE BY ANOTHER PERSON HAVING ACCESS TO EXCHANGE, INCLUDING, WITHOUT LIMITATION, ANY FAILURE TO CONCLUDE TRANSACTIONS OR OBSERVE APPLICABLE MARKET REGULATIONS OR CONVENTIONS OR TO PAY REQUISITE TAXES OR OTHER CHARGES ON ANY TRANSACTIONS OR TO OTHERWISE ACT LAWFULLY.

15. NO LIABILITY FOR TRADES. ABSENT FRAUD OR WILLFUL MISCONDUCT BY EXCHANGE OR A CLAIM ARISING OUT OF EXCHANGE'S INDEMNIFICATION OBLIGATION, USER UNDERSTANDS AND AGREES THAT: (i) EXCHANGE IS NOT DIRECTLY OR INDIRECTLY A PARTY TO OR A PARTICIPANT IN ANY TRADE OR TRANSACTION ENTERED INTO OR OTHERWISE CONDUCTED THROUGH EXCHANGE; AND (ii) EXCHANGE IS NOT LIABLE IN ANY MANNER TO ANY PERSON (INCLUDING WITHOUT LIMITATION USER AND ANY PERSON FOR WHOM USER IS AUTHORIZED TO TRADE OR ACT) FOR THE FAILURE OF ANY PERSON ENTERING INTO A TRADE OR TRANSACTION BY MEANS OF EXCHANGE TO PERFORM SUCH PERSON'S SETTLEMENT OR OTHER OBLIGATIONS UNDER SUCH TRADE OR TRANSACTION. ABSENT FRAUD OR WILLFUL MISCONDUCT BY EXCHANGE OR A CLAIM ARISING OUT OF EXCHANGE'S INDEMNIFICATION OBLIGATION, NEITHER EXCHANGE, NOR ANY OF ITS AGENTS, AFFILIATES OR LICENSORS WILL BE LIABLE FOR ANY LOSSES, DAMAGES, OR OTHER CLAIMS, ARISING OUT OF EXCHANGE OR ITS USE AND ANY LOSSES, DAMAGES, OR OTHER CLAIMS, RELATED TO A FAILURE OF EXCHANGE TO DELIVER, DISPLAY, TRANSMIT, EXECUTE, COMPARE, SUBMIT FOR CLEARANCE AND SETTLEMENT, OR OTHERWISE PROCESS AN ORDER, MESSAGE, OR OTHER DATA ENTERED INTO, OR CREATED BY, EXCHANGE WILL BE ABSORBED BY THE USER THAT ENTERED THE ORDER, MESSAGE OR OTHER DATA INTO EXCHANGE. NOTWITHSTANDING THE FOREGOING, EXCHANGE MAY BE LIABLE TO USER TO THE EXTENT SUCH LIABILITY ARISES BASED ON THE EXCHANGE RULE 527 (EXCHANGE LIABILITY), AS SUCH RULE MAY BE AMENDED OR RE-NUMBERED FROM TIME TO TIME.

16. NO CONSEQUENTIAL DAMAGES. ABSENT FRAUD OR WILLFUL MISCONDUCT BY EXCHANGE OR A CLAIM ARISING OUT OF EXCHANGE'S INDEMNIFICATION OBLIGATION, UNDER NO CIRCUMSTANCES WILL EXCHANGE OR ITS AGENTS, AFFILIATES OR LICENSORS BE LIABLE FOR ANY LOSS, DAMAGE, CLAIM OR EXPENSE, INCLUDING WITHOUT LIMITATION ANY DIRECT, CONSEQUENTIAL, INDIRECT, SPECIAL, PUNITIVE OR INCIDENTAL DAMAGES OR LOST PROFITS, WHETHER FORESEEABLE OR UNFORESEEABLE, BASED ON USER'S CLAIMS OR THE CLAIMS OF ITS CUSTOMERS, EMPLOYEES OR AGENTS (INCLUDING, BUT NOT LIMITED TO, CLAIMS FOR LOSS OF DATA, INCLUDING USER'S DATA, GOODWILL, USE OF MONEY OR USE OF EXCHANGE, INTERRUPTION IN USE OR AVAILABILITY OF EXCHANGE, STOPPAGE OF OTHER WORK OR IMPAIRMENT OF OTHER ASSETS), ARISING OUT OF BREACH OR FAILURE OF EXPRESS OR IMPLIED WARRANTY, BREACH OF CONTRACT, MISREPRESENTATION, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE. THIS SECTION WILL NOT APPLY ONLY WHEN AND TO THE EXTENT THAT APPLICABLE LAW SPECIFICALLY REQUIRES LIABILITY, DESPITE THE FOREGOING EXCLUSION AND LIMITATION. NOTWITHSTANDING THE FOREGOING, EXCHANGE MAY BE LIABLE TO USER TO THE EXTENT SUCH LIABILITY ARISES BASED ON THE EXCHANGE RULE CURRENTLY NUMBERED 527 (EXCHANGE LIABILITY), AS SUCH RULE MAY BE AMENDED OR RE-NUMBERED FROM TIME TO TIME.

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17. Indemnification by User. User agrees to indemnify and hold harmless Exchange, its owners, subsidiaries, affiliates, officers, directors, employees, agents, and any related persons and entities, from and against all expenses and costs and damages (including any reasonable legal fees and expenses), direct, consequential, and/or incidental in nature, claims, demands, proceedings, suits, and actions, and all liabilities resulting from, in connection with, or arising out of any failure by User, for any reason, fraudulent, negligent or otherwise, to comply with its obligations under this agreement and for any loss or claim which may arise from a claim that one or more trades or orders in securities placed by User with Exchange were in violation of any state or federal securities law or Exchange Rules unless such expenses, costs, damages, claims, demands, proceedings, suits, actions, or liabilities arise from Exchange's willful misconduct, fraud or breach of Exchange's obligations under this Agreement.

18. Indemnification by Exchange. Exchange agrees to indemnify, defend and hold harmless User and its subsidiaries, affiliates and its and their respective officers, directors, employees, and agents from and against all expenses and costs and damages (including any legal fees and expenses), direct, consequential, and/or incidental in nature, claims, demands, proceedings, suits, and actions, and all liabilities resulting from, in connection with, or arising out of any third party claim that Exchange or the Services, or User's use thereof, infringes any copyright, patent, trademark, trade secret or other intellectual property right.

19. Termination. User or Exchange may terminate this Agreement or any part of the Services upon 30 days written notice to the other party. In addition, Exchange may suspend or terminate the Services to User immediately if it determines, in Exchange's sole reasonable determination, that: (i) User has breached any material term of this Agreement; (ii) User is engaged in activities that Exchange determines to be detrimental to Exchange or its members; (iii) User poses a credit risk to Exchange; (iv) User is retransmitting or republishing Exchange Data without the prior approval of Exchange; (v) User has violated any Exchange Rules; or (vi) User ceases to be a member in good standing with Exchange. Upon the termination of this Agreement for any reason, all rights granted to User hereunder will cease. The following Sections will survive the termination or expiration of this Agreement for any reason: 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 24 and 26. In no event will termination of this Agreement relieve User of any obligations incurred prior to the termination or through its use of or connection to Exchange.

20. Acknowledgement of SRO Obligations. Exchange represents: (i) that Exchange is registered with the SEC as a national securities exchange pursuant to Section 6 of the Act; (ii) that Exchange has a statutory obligation to protect investors and the public interest, and to ensure that quotation information supplied to investors and the public is fair and informative, and not discriminatory, fictitious or misleading; (iii) that Section 19(g)(1) of the Act mandates that Exchange, as a self-regulatory organization, comply with the Act; and (iv) that Exchange has jurisdiction over its members to enforce compliance with the Act as well as the rules, regulations and interpretations of Exchange. Accordingly, User agrees that Exchange, when required to do so in fulfillment of its statutory obligations, may, in accordance with Exchange Rules, temporarily or permanently, unilaterally condition, modify or terminate the right of any or all individuals or entities, including User, to receive or use the Services. Exchange shall undertake reasonable efforts to notify User of any such condition, modification or termination, and User shall promptly comply with any requirement that may be contained in such notice within such period of time as may be determined in good faith by Exchange to be necessary and consistent with its statutory obligations. Any individual or entity that receives such a notice shall have available to it such

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procedural protections as are provided to it by the Act and the applicable rules thereunder and Exchange Rules.

21. Assignment. User's license to use the Services during the term of this Agreement is personal, nonexclusive and nontransferable. User shall not assign, delegate or otherwise transfer this Agreement or any of its rights or obligations hereunder without Exchange's prior approval, which will not be unreasonably withheld. Exchange may, as permitted by the Act, assign or transfer this agreement or any of its rights or obligations hereunder to a related or unrelated party upon notice to User.

22. Force Majeure. Neither party to this Agreement will be liable for delay or failure to perform its obligations hereunder (other than a failure to pay amounts when due) caused by an event that is beyond the party's control; provided, however, that such party will not have contributed in any way to such event.

23. Severability. Each provision of this Agreement will be deemed to be effective and valid under applicable law, but if any provision of this Agreement is determined to be invalid, void, or unenforceable under any law, rule, administrative order or judicial decision, that determination will not affect the validity of the remaining provisions of this Agreement.

24. Arbitration. In connection with the following agreement to arbitrate, each party understands that: (i) arbitration is final and binding on the parties; (ii) the parties are waiving their right to seek remedies in court, including the right to jury trial; (iii) pre-arbitration discovery is generally more limited than and different from court proceedings; (iv) the arbitrators' award is not required to include factual findings or legal reasoning, and any party's right to appeal or seek modification of rulings by the arbitrators is strictly limited; and (v) the panel of arbitrators will typically include a minority of arbitrators who were or are affiliated with the securities industry. Subject to the preceding disclosures, each party agrees that any controversy arising out of or relating to this Agreement or the breach thereof will be resolved and settled by arbitration in accordance with the Commercial Arbitration Rules of the American Arbitration Association or in accordance with such other rules and procedures as are agreed to by the parties. The arbitration proceeding shall be conducted in New York, New York, unless otherwise agreed to by the parties. Judgment upon arbitration may be entered in any court, state or federal, having jurisdiction; provided, however, that nothing herein will prevent either party from: (i) petitioning a regulatory body regarding a matter in question over which the regulatory body has administrative jurisdiction; or (ii) pursuing injunctions before any administrative or judicial forum provided that all monetary and other relief is submitted for arbitration.

25. Amendment. Exchange may amend any term or condition of this Agreement on one hundred and twenty (120) days' written notice to User (which notice may be provided by way of a circular issued to Members generally). User may object in writing to the proposed amendment by providing a written response to the address specified above, such response stating in reasonable detail the basis of the objection. Such response must be received no later than sixty (60) days after the date that Exchange distributed the initial notice. Exchange will respond to User's timely objection in writing within thirty (30) days of receipt and will use reasonable efforts thereafter to meet with the objecting User (in person or by phone) to discuss in good faith any potential resolution. Otherwise, any use by User of the System after the expiration of the one hundred and twenty (120) day notice period shall be deemed acceptance by User of the amendment. User may not alter any terms and conditions of this Agreement, and no

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modification to this Agreement proposed by User will be binding, unless in writing and manually signed by an authorized representative of each party.

26. Miscellaneous. All notices or approvals required or permitted under this Agreement must be given in writing to Exchange at the address specified above or to User at its last reported principal office address. Any waiver or modification of this Agreement will not be effective unless executed in writing and signed by the other party. This Agreement will bind each party's successors-in-interest. This Agreement will be governed by and interpreted in accordance with the internal laws of the State of New York, USA. For all matters not subject to Section 24 (Arbitration) above, both parties submit to the jurisdiction of the state and federal courts in and for the State of New York, USA for the resolution of any dispute arising under this Agreement. If any provision of this Agreement is held to be unenforceable, in whole or in part, such holding will not affect the validity of the other provisions of this Agreement. This Agreement, together with the applicable Exchange Rules, constitutes the complete and entire statement of all conditions and representations of the agreement between Exchange and User with respect to its subject matter and supersedes all prior writings or understandings.

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IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed by their duly authorized officers.

User: _____ **Miami International Securities Exchange, LLC**

Signature: _____ Signature: _____

Printed Name: _____ Printed Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

Select type of User: Exchange Member Sponsored Participant

If Sponsored Participant, name of Sponsoring Member: _____



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Sponsored Access Agreement

This Agreement is made among and between Miami International Securities Exchange, LLC ("MIAX"), a Delaware limited liability company, with its principal offices located at 7 Roszel Road, Princeton, New Jersey 08540, the Sponsoring Member identified in Part I below and the Sponsored User identified in Part II below. This Agreement is effective when executed by MIAX ("Effective Date"). Pursuant to the terms of this Agreement, MIAX will provide the Sponsored User with access to the MIAX System. Use of the MIAX System by Sponsored User is governed by MIAX Rules 210 and 500. MIAX may terminate or modify the Sponsored User's connection at any time, without prior notice and without any liability to MIAX as a consequence thereof.

PART I—SPONSORING MEMBER SECTION

The Sponsoring Member hereby certifies that it is an approved Member of MIAX in good standing and has entered into a User Agreement with MIAX governing its access to and use of services provided by MIAX. The Sponsoring Member acknowledges that it has been designated by the Sponsored User (identified by in Part II) to execute transactions on or through MIAX.

The Sponsoring Member confirms the following agreements and controls are in place:

A Sponsoring Member that provides Sponsored Access shall execute and maintain agreements with each Sponsored User.

A Sponsoring Member that provides Sponsored Access shall execute and maintain agreements with each third party ("Third Party Provider") that provides a Sponsored Access System to Sponsored Users for accessing MIAX, specifying which of the financial and regulatory controls are satisfied.

Each Sponsoring Member shall establish adequate procedures and controls that permit it to effectively monitor and control the Sponsored Access to systemically limit the Sponsoring Member's financial exposure.

Each Sponsoring Member shall have systemic controls reasonably designed to ensure compliance by the Sponsored User with all applicable Regulatory Requirements.

Each Sponsoring Member must maintain an up-to-date list of persons who could obtain access to MIAX on behalf of Sponsored User (i.e., Authorized Traders) and provide that list to the Exchange upon request.

Each Sponsoring Member must have reasonable procedures to ensure that Sponsored User and all of Sponsored User's Authorized Traders maintain the physical security of MIAX, which includes, but is not limited to, the equipment for accessing the facilities of MIAX, to prevent the unauthorized use or access to MIAX, including the unauthorized entry of information into MIAX, or the information and data made available therein.

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Each Sponsoring Member must otherwise comply with the MIAX Rules. If MIAX determines that Sponsored User or an Authorized Trader has caused Sponsoring Member to violate the MIAX Rules, MIAX may direct the Sponsoring Member to suspend or withdraw Sponsored User's status as a Sponsored User or the person's status as an Authorized Trader and, if so directed, Sponsoring Member must suspend or withdraw such status.

Each Sponsoring Member shall ensure that appropriate supervisory personnel receive and review timely reports of all trading activity by its Sponsored Users sufficient to permit the Sponsoring Member to comply with applicable Regulatory Requirements, and to monitor for illegal activity such as market manipulation or insider trading.

To the extent the Sponsoring Member is not a clearing firm, the Sponsoring Member's clearing firm, which must be a Member, must provide the Exchange with a Letter of Authorization, which specifically accepts responsibility for the clearance of the Sponsored User's transactions.

Sponsoring Member Authorization

We are a Member in good standing and have been designated by the Sponsored User to execute, clear and settle transactions resulting on or through MIAX. We acknowledge and agree that any orders entered into MIAX by the Sponsored User or any person acting on behalf of or in the name of the Sponsored User that identify us as the Sponsoring Member and any execution occurring as a result of such orders are binding in all respects on us. In that regard, we acknowledge and agree that we are responsible for all related contractual and regulatory obligations. We hereby acknowledge and agree that we are responsible for any and all actions taken by the Sponsored User or any person acting on behalf of or in the name of the Sponsored User on or through MIAX.

Member: _____ CRD #: _____

Address, City, State, Zip: _____

Contact Name: _____ Phone: _____ Fax: _____

Email: _____

Name and Title of Authorized Official: _____

Signature of Authorized Official: _____ Date: _____



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Sponsored Access Agreement

PART II—SPONSORED USER SECTION

Authorized Acknowledgement of the Sponsored User

The Sponsoring Member (identified in Part I) has agreed to provide the undersigned Sponsored User access to the MIAX System. The Sponsoring Member has agreed to allow the Sponsored User to conduct activity and effect transactions on MIAX in the name of the Sponsoring Member. Access by the Sponsored User is available only to the extent authorized by the Sponsoring Member. Prior to obtaining access to the MIAX System, the Sponsored User must enter into a User Agreement with MIAX governing its access to and use of services provided by MIAX. Additionally, a Sponsored User that is a broker-dealer must file a Uniform Application for Broker-Dealer Registration (Form BD) with the Securities and Exchange Commission and register with the Central Registration Depository (“Web CRD®”) maintained by FINRA.

All trading activity by the Sponsored User shall comply with all applicable federal securities laws and rules, and Exchange rules, including but not limited to the MIAX Bylaws, Rules and procedures with regard to the MIAX Exchange (“Regulatory Requirements”).

Sponsored User shall promptly upon request provide Sponsoring Member with access to such books and records and financial information that is necessary to allow the Sponsoring Member to comply with its regulatory obligations with respect to activity of the Sponsored User within the Sponsored Access arrangement, and otherwise cooperate with the Sponsoring Member in furtherance of Sponsoring Member’s compliance with applicable Regulatory Requirements. Information provided by Sponsored Users to Sponsoring Members pursuant to such requests shall be maintained as confidential by the Sponsoring Member, provided that such information shall be available to MIAX upon request for regulatory purposes.

Sponsored User shall maintain its trading activity within the credit, product or other financial limits specified by the Sponsoring Member.

Sponsored User shall maintain all technology permitting sponsored access to MIAX in a physically secure manner and may not permit unauthorized Traders to use or obtain access to MIAX. Sponsored User shall familiarize its Authorized Traders with the Regulatory Requirements and will provide appropriate training prior to use or access to MIAX.

Sponsored User shall agree that the Sponsoring Member or MIAX may immediately terminate the Sponsored Access if the Sponsoring Member or MIAX determines that continuing such access poses serious risk to the Sponsoring Member or to the integrity of the market.

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Sponsored Access Agreement

The undersigned, on behalf of the applicant Sponsored User, does hereby acknowledge and agree to the terms and provisions of this Agreement (including the General Terms and Conditions) and MIAX Rules 210 and 500, and shall comply with all MIAX Rules and procedures, as amended.

Sponsored User: _____ CRD #: _____

Address, City, State, Zip: _____

Contact Name: _____ Phone: _____ Fax: _____

Email: _____

Name and Title of Authorized Official: _____

Signature of Authorized Official: _____ Date: _____

Accepted by MIAX on: _____

Name and Title of Exchange Official: _____

Signature of Exchange Official: _____

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MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Statutory Disqualification Notice

Pursuant to the Securities Exchange Act of 1934, as amended (the "Act") and Miami International Securities Exchange, LLC. ("Exchange") Rule 204, the Exchange may deny (or may condition) membership or may bar a person from becoming associated (or may condition an association) with a Member for the same reasons that the Securities and Exchange Commission may deny or revoke a broker-dealer registration under the Act. The Act provides for Statutory Disqualification if a person has:

1. Been expelled, barred or suspended from membership in or being associated with a member of a self regulatory organization;
2. Had broker, dealer or similar privileges denied or suspended or caused such denial or suspension of another;
3. Violated any provision of the Act; or
4. Been convicted of a theft or securities related misdemeanor or any felony within ten (10) years of the date of applying for membership status or becoming an Associated Person.

Have person(s) associated with the Applicant Broker-Dealer been or may be subject to Statutory Disqualification. Yes No

If yes, please identify any such person(s) associated with the Applicant Broker-Dealer who is or may be subject to Statutory Disqualification. Additionally, identify any such person(s) who are associated with the Applicant Broker-Dealer and who have been approved for association or continued association by another SRO due to a Statutory Disqualification. *Attach a sheet identifying any such person(s), including the following information:

1. Name and social security number of the person(s).
2. Copies of documents relating to the Statutory Disqualification.
3. Description of each such person's duties (for non-registered individuals, this should include a statement indicating if the position allows access to books, records, funds or securities).
4. Explanation of action taken or approval given by any other SRO regarding each person.

On behalf of (Applicant Broker-Dealer), I hereby attest and affirm that I have read and understand the above and the attached information, and that the answers and the information provided (including copies of any documents) are true and complete to the best of my knowledge. I acknowledge that the Exchange shall rely on the information provided pursuant to this Notice in order to approve or deny Applicant Broker-Dealer's application for membership. I understand that Applicant Broker-Dealer will be subject to a disciplinary action if false or misleading answers are given pursuant to this Notice. I also acknowledge the obligation of Applicant Broker-Dealer to submit to the Exchange any amendment to any document submitted as part of its application, including but not limited to this Notice, within ten (10) business days of such amendment or change.

Signature of Authorized Officer, Partner,
Managing Member or Sole Proprietor

Date

Title



Attestation, Consent to Jurisdiction and Authorization of Approved Person Membership

Applicant-Firm: _____ **CRD#:** _____
(List on p.2 of this form if more than one affiliated firm is applying.)

- a) The Applicant agrees that it will abide by the Bylaws and Rules of the Exchange as amended from time to time, and by all circulars, notices, directives or decisions the Exchange adopts pursuant to or made in accordance with its Rules.
- b) The Applicant agrees to submit to the jurisdiction of the Exchange [MIAX Rules 1000, 200(f)] in matters related to conducting of business on and access to the Exchange including rulings, orders, decisions, directives, investigations, disciplinary actions, prohibitions, limitations, penalties, and arbitrations, subject to right of appeal or review as provided by law.
- c) The Applicant may be the subject of an investigative and/or background checks, and therefore; authorizes any Self Regulatory Organization (SRO), Commodities Exchange, former employer and other persons to furnish to the Exchange, upon its request, any information that such person or entity may have concerning the character, ability, business activities, reputation and employment history of Applicant or its associated persons, and releases such person or entity from any and all liability in furnishing such information to the Exchange.
- d) The Applicant authorizes the Exchange to make available to any governmental agency, SRO, commodities exchange or similar entity, any information the Exchange may have concerning Applicant or its associated persons, and releases the Exchange from any and all liability in furnishing such information.
- e) The Applicant agrees to pay all dues, fees, assessments, and other charges in the manner and amount as shall from time to time be fixed by the Exchange.
- f) The Applicant certifies that all associated persons required to be fingerprinted have been fingerprinted and affirms that it is not associated with a person subject to a statutory disqualification, unless such individual’s association is approved by a SRO.
- g) The undersigned represents that all the information contained in the Membership Application Form and supplemental materials it has submitted to the Exchange is true, complete and accurate and may be verified by investigation.
- h) The Applicant agrees to promptly update its application materials if any of the information provided is or becomes inaccurate or incomplete after the date of submission of its application to the Exchange and prior to its approval.
- i) The undersigned attests that he/she is authorized on behalf of Applicant-Firm(s) to make this application to Miami International Securities Exchange, LLC (“MIAX” or “Exchange”).

By: _____
 (Print Name)

 (Print Title & Firm)

 (Signature)

 (Date)



Affiliated firm(s) of the Firm-Applicant applying as Approved Person(s) who are subject to the same Attestation, Consent to Jurisdiction and Authorization of Approved Person Membership:

- 1) _____ CRD#: _____
- 2) _____ CRD#: _____
- 3) _____ CRD#: _____
- 4) _____ CRD#: _____
- 5) _____ CRD#: _____
- 6) _____ CRD#: _____
- 7) _____ CRD#: _____
- 8) _____ CRD#: _____
- 9) _____ CRD#: _____
- 10) _____ CRD#: _____
- 11) _____ CRD#: _____
- 12) _____ CRD#: _____
- 13) _____ CRD#: _____
- 14) _____ CRD#: _____
- 15) _____ CRD#: _____
- 16) _____ CRD#: _____
- 17) _____ CRD#: _____
- 18) _____ CRD#: _____
- 19) _____ CRD#: _____
- 20) _____ CRD#: _____

The undersigned attests that he/she is authorized on behalf of Applicant-Firm(s) and its affiliated organization(s) listed hereto to make this application to Miami International Securities Exchange, LLC (“MIAX” or “Exchange”).

By: _____
 (Print Name)

(Print Title & Firm)

(Signature)

(Date)



**Attestation, Consent to Jurisdiction and
Authorization of Approved Person Membership**

Approved Person Applicant: _____ **CRD#:** _____
Firm: _____ **CRD#:** _____

- a) The Applicant agrees that he/she will abide by the Bylaws and Rules of the Exchange as amended from time to time, and by all circulars, notices, directives or decisions the Exchange adopts pursuant to or made in accordance with its Rules.
- b) The Applicant agrees to submit to the jurisdiction of the Exchange [MIAX Rules 1000, 200(f)] in matters related to conducting of business on and access to the Exchange including rulings, orders, decisions, directives, investigations, disciplinary actions, prohibitions, limitations, penalties, and arbitrations, subject to right of appeal or review as provided by law.
- c) The Applicant may be the subject of an investigative and/or background checks, and therefore; authorizes any Self Regulatory Organization (SRO), Commodities Exchange, former employer and other persons to furnish to the Exchange, upon its request, any information that such person or entity may have concerning the character, ability, business activities, reputation and employment history of Applicant or its associated persons, and releases such person or entity from any and all liability in furnishing such information to the Exchange.
- d) The Applicant authorizes the Exchange to make available to any governmental agency, SRO, commodities exchange or similar entity, any information the Exchange may have concerning Applicant or his/her associated persons, and releases the Exchange from any and all liability in furnishing such information.
- e) The Applicant agrees to pay all dues, fees, assessments, and other charges in the manner and amount as shall from time to time be fixed by the Exchange.
- f) The Applicant certifies that he/she has been fingerprinted and affirms that he/she is not associated with a person subject to a statutory disqualification, unless such individual's association is approved by a SRO.
- g) The undersigned represents that all the information contained in the Membership Application Form and supplemental materials he/she has submitted to the Exchange is true, complete and accurate and may be verified by investigation.
- h) The Applicant agrees to promptly update his/her application materials if any of the information provided is or becomes inaccurate or incomplete after the date of submission of his/her application to the Exchange and prior to its approval.

- i) As a condition of membership, the Applicant agrees to notify the Exchange of any substantive change(s) to his/her association with the member or affiliated firm, including but not limited to, statutory disqualification, censure, a cease and desist order, refusal of registration, expulsion, or other disciplinary action, suspension, termination of employment, investigation, arbitration or litigation related to material allegation(s) of violation(s) of securities or commodities law or regulation, bankruptcy or contempt proceeding, injunction or civil judgment or conviction(s), change in control status or any other pertinent employment circumstance under the provisions of the Security Act of 1934.
- j) The undersigned attests that he/she is authorized on behalf of Applicant-Firm to make this application to Miami International Securities Exchange, LLC ("MIAX" or "Exchange").

By: _____
(Print Name)

(Print Title & Firm)

(Signature)

(Date)



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Exchange Data Vendor Agreement

This Exchange Data Vendor Agreement (this "Agreement"), dated _____, is between Miami International Securities Exchange, LLC., a Delaware limited liability company, with its principal offices at 7 Roszel Road, Princeton, NJ 08540 (the "Exchange"), and _____, a _____ [corporation/limited liability company], with its principal offices at _____ ("Data Recipient").

1. Definitions.

(a) "Affiliate" of a Data Recipient means any entity that directly or indirectly Controls, is Controlled by, or is under common Control with Data Recipient. An Affiliate of Data Recipient is entitled to the same rights granted to Data Recipient hereunder including the right to use and distribute the Market Data to other Persons (as defined below) subject to the terms of this Agreement. If this Agreement is applicable to an Affiliate, Data Recipient must submit an Affiliated Companies List (as defined below) and shall assume all responsibility for and will hold harmless and indemnify the Exchange from and against any and all actions or inactions of such Affiliate as if they were the actions of the Data Recipient and shall be jointly and severally liable with such Affiliate.

(b) "Affiliated Companies List" means the form attached hereto as Schedule A.

(c) "Control" means, with respect to an Affiliate, the power to direct or cause the direction of the management of policies of another entity, whether through the ownership of voting securities (or other ownership interest), by contract, or otherwise.

(d) "Controlled Data Distributor" means a Data Recipient that provides Market Data to Subscribers (as defined below) and controls the entitlements and display of the Market Data for such Subscribers.

(e) "Data Recipient" means the firm specified above that receives Market Data (as defined below) from the Exchange or from an approved Data Feed Distributor.

(f) "Data Feed Distributor" means a Data Recipient that is authorized by the Exchange to retransmit or redistribute Market Data to a Person other than an officer, employee or an Affiliate of Data Recipient and does not control the entitlements and display of the Market Data for such Persons.

(g) "Data Feed Request Form" means the form attached hereto as Schedule B.

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
Exchange Data Vendor Agreement

(h) "Device" means any computer, workstation or other unit of equipment, fixed or portable, that receives, accesses, processes or displays Market Data in visible, audible or other comprehensible form. A Device is deemed to receive Market Data if the Device is entitled by Data Recipient or a Subscriber to receive the Market Data.

(i) "External Use" means (x) the distribution of Market Data by a Controlled Data Distributor to Subscribers who are not officers, employees or Affiliates of the Controlled Data Distributor or (y) the distribution of Market Data by a Data Feed Distributor. The Subscribers specified in (x) above shall have equivalent access to consolidated options information disseminated by the Options Price Reporting Authority ("OPRA") for the same classes or series of options that are included in the Market Data.

(j) "Force Majeure Event" means any flood, extraordinary weather conditions, earthquake or other act of God, fire, war, terrorism, insurrection, riot, labor dispute, accident, action of government, communications or power failures, or equipment or software malfunctions.

(k) "Internal Use" means the use of the Market Data by a Data Recipient or the distribution thereof to officers and employees of Data Recipient and its Affiliates. Such Persons shall have equivalent access to consolidated options information disseminated by OPRA for the same classes or series of options that are included in the Market Data.

(l) "Market Data" means information and data pertaining to options contracts or similar derivative instruments traded on the Exchange as well as associated index data, that includes, without limitation, opening and closing range prices, high-low prices, settlement prices, current bid and ask prices, last sale prices, trade cancels and adjustments, price limits, requests for quotations and other liquidity seeking event notifications, estimated and actual contract volume data. With respect to Data Recipient's obligations under this Agreement, Market Data includes information, data and materials that are derived from the foregoing and that convey information to Data Recipient that is substantially equivalent to Market Data.

(m) "Market Data Policies" means the policies with respect to the use, distribution and redistribution of Market Data as the Exchange may adopt and make publicly available from time to time, provided that such policies are not inconsistent with the provisions of this Agreement.

(n) "Person" means any natural person, proprietorship, corporation, partnership, limited liability company or other organization.

(o) "Service Facilitator" means an authorized third party agent to which a Data Recipient has delegated any of its responsibilities, obligations or duties under or in connection with this Agreement.

(p) "Service Facilitator List" means the form attached hereto as Schedule C.

(q) "Subscriber" means any Person that has entered into a Subscriber Agreement (as defined below) authorizing such Person to receive and/or access current Market Data from a Controlled Data Distributor for its own use and not for the purpose of retransmitting or redistributing the Market Data to any other Person. Officers, employees and Affiliates of a Data Recipient shall not be deemed Subscribers requiring the execution of a Subscriber Agreement but may be counted for reporting purposes under this Agreement.

MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
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(r) “Subscriber Agreement” means the terms and conditions of receipt of Market Data by a Subscriber from a Controlled Data Distributor for Subscriber’s own use substantially in the form attached hereto as Schedule D.

2. License to Use Market Data. Subject to the terms of this Agreement, the Exchange hereby grants to Data Recipient the limited, non-exclusive, non-transferable right to use the Market Data for Internal Use, including without limitation the right to copy, store, process, commingle, and use the Market Data and the right to create new original works therefrom and to use the Market Data for External Use, including without limitation the right to redistribute the Market Data in any form by means of any current or future product or service of the Data Recipient in accordance with the terms of this Agreement, Exchange requirements and the Market Data Policies as available on the Exchange’s website and as may be amended from time to time.

3. Proprietary Rights in the Market Data.

(a) Data Recipient acknowledges and agrees that the Exchange has exclusive and valuable property rights in and to its own Market Data, that such Market Data constitutes valuable proprietary information and/or proprietary rights of the Exchange, some of which may not be within the public domain, that such Market Data shall remain valuable proprietary information and/or proprietary rights of the Exchange, and that, but for this Agreement, Data Recipient would have no rights or access to such Market Data.

(b) Data Recipient acknowledges and agrees that disclosure of any Market Data except as permitted by this Agreement, or any breach or threatened breach of any other covenants or agreements contained herein, would cause irreparable injury to the Exchange for which money damages would be an inadequate remedy. Accordingly, Data Recipient further acknowledges and agrees that the Exchange shall be entitled to specific performance and injunctive and other equitable relief from the breach or threatened breach of any provision, requirement or covenant of this Agreement (including, without limitation, any disclosure or threatened disclosure of Market Data which is not within the public domain) in addition to and not in limitation of any other legal or equitable remedies which may be available.

4. Receipt of Market Data by Data Recipient.

(a) This Agreement sets forth the terms and conditions upon which Data Recipient may receive and use Market Data. Data Recipient acknowledges that, the Exchange may, in its sole discretion, discontinue disseminating any or all of its own Market Data or change or eliminate its own transmission method, speed or signal characteristics at any time. The Exchange will use commercially reasonable efforts to provide Data Recipient with reasonable advance notice of such discontinuation or changes.

(b) Data Recipient represents and warrants that (i) it has set forth its internal use or external service requirements in the Data Feed Request Form, (ii) the detailed description of its system for controlling the dissemination of Market Data as described in the Data Feed Request Form is true, complete and not misleading, and (iii) it shall obtain the Exchange’s prior written approval in the event that Data Recipient intends to make a material change in its use of the Market Data in any manner which is not described in its Data Feed Request Form and shall pay any applicable fees which result from such changes.

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(c) Data Recipient further acknowledges that, except as expressly described in its Data Feed Request Form, any use of the Market Data by Data Recipient, including without limitation retransmission, redistribution or reprocessing, is expressly prohibited.

5. Data Recipient Legal Requirements.

(a) Data Recipient agrees to provide the appropriate information required by the Exchange to any Persons to which it redistributes or transmits Market Data and to ensure that the Market Data is clearly attributed as originating from the Exchange.

(b) In the event that Data Recipient intends to use the Market Data for External Use as set forth in Section 1(i)(x) above, before Data Recipient redistributes any Market Data to a Subscriber, Data Recipient shall first obtain an executed Subscriber Agreement from an authorized party of such Person. Data Recipient shall be permitted to use its own form of subscriber agreement provided that (i) such subscriber agreement contains terms and conditions of use which are substantially similar to those provided in Schedule D attached hereto and (ii) Data Recipient agrees to provide such form of subscriber agreement to the Exchange at the Exchange's request for its review.

(c) In the event that Data Recipient intends to use the Market Data for External Use as set forth in Section 1(i)(y) above, before Data Recipient redistributes any Market Data to a Person, Data Recipient shall first obtain an executed Exchange Data Vendor Agreement from an authorized party of such Person and shall cause any such Person to obtain an executed Subscriber Agreement from any Subscriber to which such Person intends to redistribute Market Data upon the same terms and conditions of subscription as set forth in Section 5(b) above.

6. Records and Reporting. Data Recipient agrees to maintain complete and accurate records relating to receipt of Market Data in accordance with the Market Data Policies and with such other Exchange requirements. Data Recipient shall furnish promptly to the Exchange any information or reports that are set forth in the Market Data Policies for the type of use intended by Data Recipient or that may be otherwise required by the Exchange and that are reasonably related to Data Recipient's receipt of Market Data. Data Recipient further agrees to and shall cause its Affiliates to preserve each Subscriber Agreement during the time that Data Recipient or its Affiliates redistribute the Market Data to Subscribers and for at least three (3) years after the date that Data Recipient or Affiliate discontinues distribution of the Market Data to such Subscriber.

7. Right of Inspection and Audit. During regular business hours, any Persons designated by the Exchange may have access to Data Recipient's offices or locations in order to observe the use made of the Market Data and to examine and inspect any Devices, attachments or apparatuses, as well as any books and records required to be maintained by Data Recipient hereunder in connection with its receipt and use of Market Data. Data Recipient will make prompt adjustment (including interest thereon at the rate of 1 1/2% per month) to compensate the Exchange that discovers an under-reported use of the Market Data by Data Recipient. In addition, at the election of the Exchange, Data Recipient will be liable for the reasonable costs of any audit that reveals a discrepancy in the Exchange's favor of five percent (5%) or more of the amount of fees actually due the Exchange. Data Recipient shall maintain the records and books upon which it bases its reporting for Exchange Market Data for three (3) years following the period to which the records relate. In the event that Data Recipient fails to retain such

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records and books as required above, Data Recipient agrees to pay the Exchange's reasonable estimate of any discrepancy discovered pursuant to any such audit.

8. Exchange Fees. Data Recipient will pay the Exchange for the right to receive Market Data and for any permissible redistribution under this Agreement, in accordance with the then-current fee schedule published by the Exchange from time-to-time (including any and all applicable federal, state or local taxes). The Exchange's fees are subject to modification by the Exchange at any time, without prior notice to Data Recipient. In addition, Data Recipient agrees to pay the Exchange any penalties assessed against Data Recipient by the Exchange.

9. Right to Deny Distribution. The Exchange retains the right to direct Data Recipient to terminate any external transmission or distribution of Market Data for any reason or no reason, in which event the Exchange shall notify Data Recipient in writing that it has terminated the right of any authorized recipient to receive any Market Data and Data Recipient shall cease retransmitting Market Data to such authorized recipient as soon as possible, but in any event no more than five (5) business days of the notice and shall, within ten (10) business days confirm the termination thereof in a written notice by an authorized officer.

10. Covenants, Representations and Warranties of Data Recipient. Data Recipient agrees that it will not use or permit any other Person to use Market Data for any illegal purpose. Data Recipient agrees that it will not use Market Data in any way to compete with the Exchange, nor use the Market Data in any way so as to assist or allow a third party to compete with the Exchange. Data Recipient agrees that the provision of Market Data by the Exchange hereunder is conditioned upon Data Recipient's strict compliance with the terms of this Agreement and that the Exchange may, with or without notice and with or without cause, forthwith discontinue said service whenever in its judgment there has been any default or breach by Data Recipient of the provisions hereof.

11. Requirements of Self-Regulatory Organization; Actions to be Taken in Fulfillment of Statutory Obligations. Data Recipient acknowledges that (a) the Exchange is registered with the Securities and Exchange Commission (the "SEC") as a registered national securities exchange; (b) the Exchange has a statutory obligation to protect investors and the public interest, and to ensure that quotation information supplied to investors and the public is fair and informative, and not discriminatory, fictitious or misleading; (c) Section 19(g)(1) of the Securities Exchange Act of 1934, as amended (the "Act") mandates that the Exchange, as a self-regulatory organization, comply with: (i) the Exchange Rules; (ii) the rules, regulations, interpretations, decisions, opinions, orders and other requirements of the SEC; (iii) all other applicable laws, statutes, rules, regulations, orders, decisions, interpretations, opinions, and other requirements, whether promulgated by the United States or any other applicable jurisdiction (including in the area of intellectual property) (collectively, the "Exchange Requirements"); (d) the Exchange has jurisdiction over its members to enforce compliance with the Exchange Requirements; and (e) the Exchange is obligated to offer terms that are not unreasonably discriminatory between Data Recipients, subject to applicable Exchange Requirements. Accordingly, Data Recipient agrees that the Exchange, when required to do so in fulfillment of its statutory obligations, may, temporarily or permanently, unilaterally condition, modify or terminate the right of any or all individuals or entities to receive or use the Information. The Exchange shall undertake reasonable efforts to notify Data Recipient of any such condition, modification or termination, and Data Recipient shall promptly comply with any such notice within such period of time as may be determined in good faith by the Exchange to be necessary,

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consistent with its statutory obligations. Any Person that receives such a notice shall have available to it such procedural protections as are provided to it by the Act and the applicable rules thereunder. If Data Recipient is a Member of the Exchange, then Data Recipient expressly acknowledges and agrees that (x) this Agreement does not limit or reduce in any way Data Recipient's obligations and responsibilities as a member of the Exchange; (y) this Agreement does not in any way alter the procedures or standards generally applicable to disciplinary or other actions taken by the Exchange to enforce compliance with, or impose sanctions for violations of, the Exchange Requirements; and (z) the nonpayment of amounts due under this Agreement could result in the suspension or cancellation of Data Recipient's Exchange membership in accordance with the Exchange Requirements.

12. Disclaimer of Warranties. DATA RECIPIENT AGREES THAT THE EXCHANGE DOES NOT MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE MARKET DATA, OR THE TRANSMISSION, TIMELINESS, ACCURACY OR COMPLETENESS THEREOF, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR ANY WARRANTIES OF MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THOSE ARISING BY STATUTE OR OTHERWISE IN LAW OR FROM ANY COURSE OF DEALING OR USAGE OF TRADE.

13. Limitations of Liability and Damages. Data Recipient agrees that: (i) the provision of Market Data is made with equipment, communications devices, and/or leased lines not owned or operated solely by the Exchange; and (ii) except for any indemnification obligations of the Exchange as provided herein, neither the Exchange, nor its members, directors, officers, employees or agents, guarantees the sequence, accuracy or completeness of the Market Data, nor shall any of them be liable to Data Recipient or any other Person for any delays, inaccuracies, errors or omissions in Market Data, or in the transmission thereof, or for any other damages arising in connection with Data Recipient's receipt or use of Market Data, whether or not resulting from negligence on their part, a Force Majeure Event or any other cause beyond their reasonable control.

14. Term and Termination. Subject to Data Recipient's strict compliance with the provisions of this Agreement, the provision of Market Data by the Exchange hereunder will continue in force during the term of this Agreement and any renewal term thereof unless either party provides thirty days written notice to the other party of its intent to terminate the Agreement. All Subscriber Agreements shall terminate effective as of the date of any termination of this Agreement and Data Recipient shall give notice of any such termination to all of its Subscribers. In addition, it is understood that the provisions set forth in paragraphs 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 15 of this Agreement shall survive the termination of this Agreement.

15. Indemnification.

(a) Data Recipient will indemnify, defend and hold the Exchange, and its members, directors, officers, employees and agents harmless from and against any and all claims arising out of or in connection with this Agreement, including, without limitation, any liability, loss or damages (including, without limitation, attorneys' fees and other expenses) caused by any inaccuracy in or omission from, Data Recipient's failure to furnish or to keep, or Data Recipient's delay in furnishing or keeping, any report or record required to be kept by Data Recipient hereunder.

**MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC
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(b) The Exchange will indemnify, defend and hold Data Recipient and its Affiliates and their respective directors, officers, employees and agents harmless from and against any and all claims against Data Recipient or its Affiliates that the Market Data infringes the intellectual property rights or violates any property right of a third party provided that Data Recipient or its Affiliate (i) provides the Exchange with prompt written notice of such claim, (ii) agrees that the Exchange shall have sole control of defense and/or settlement of such claim, and (iii) reasonably cooperates with the Exchange in the defense of such claim.

16. Miscellaneous. Any action arising out of this Agreement between the Exchange and Data Recipient shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of New York. Data Recipient may not assign all or any part of this Agreement without the prior written consent of the Exchange. Neither the Exchange nor Data Recipient may modify or amend the terms of this Agreement. In the event of any conflict between the terms and conditions of this Agreement and any other agreement relating to Data Recipient's receipt and use of Market Data, the terms and conditions of this Agreement will prevail. If, for any reason, one or more provisions of this Agreement is held invalid, the other provisions of the Agreement shall remain in full force and effect.

BY TYPING YOUR NAME BELOW, YOU AGREE THAT THE FOLLOWING IS TRUE: (1) YOU REPRESENT THAT YOU HAVE ACTUAL AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF DATA RECIPIENT; (2) THAT YOU HAVE READ THE TERMS STATED ABOVE; (3) YOU UNDERSTAND THE TERMS STATED ABOVE; (4) A PRINTOUT OF THE TERMS STATED ABOVE WILL CONSTITUTE A "WRITING" UNDER ANY APPLICABLE LAW OR REGULATION; AND (5) YOU AGREE TO ABIDE BY ALL THE TERMS OF THE AGREEMENT STATED ABOVE.

Type name of Data Recipient and authorized representative below if you acknowledge and accept the foregoing terms.

Name of Data Recipient: _____

By Authorized Representative: _____

Date: _____



MARKET DATA POLICIES

Under the terms of the Exchange Data Vendor Agreement between Miami International Securities Exchange, LLC (“MIAX”) and any party who desires to receive market data or other information of MIAX (**each a “Party”**)(“MIAX Exchange Data Vendor Agreement”), any Party receiving Market Data must comply with the following policies and procedures (“Policies”). MIAX reserves the right to update the Policies from time to time and will communicate any updates via email to the designated market data contacts for any Party. All capitalized terms used herein that are not defined herein are defined in the MIAX Exchange Data Vendor Agreement.

Indexed Link to Policies

[Definitions](#)

[Data Feed Distributor Requirements](#)

[Controlled Data Distributor Requirements](#)

[Fees](#)

[Reporting](#)

[Service Facilitators](#)

[Distribution to Affiliates](#)

[General Use Requirements](#)

I. Definitions

Data Feed – A transmission of market or other MIAX information (“**Market Data**”), as identified within the Data Feed Request form.

Data Recipient – A Party that receives a Data Feed directly from MIAX or through another Party that is a Data Feed Distributor.

Data Feed Distributor – A Data Recipient that (i) retransmits/redistributes a Data Feed to a Party other than an Affiliate, employee or officer of the Data Recipient and (ii) does not control the entitlements or display of the information to such Party.

Controlled Data Distributor – A Data Recipient that (i) provides Market Data to a Party and (ii) controls the entitlements of and display of information to such Party.

- If the Party is either (x) an Affiliate, (y) an employee or officer of the Controlled Data Distributor or (z) an employee or officer of an Affiliate of the Controlled Data Distributor identified on the Affiliate List submitted by such Controlled Data Distributor to MIAX in accordance with the directions below, such Controlled Data Distributor shall be considered an “**Internal Controlled Data Distributor**”.
- If the Party is not an Affiliate, or an employee or officer of the Controlled Data Distributor or of an Affiliate, such Controlled Data Distributor shall be considered an “**External Controlled Data Distributor**”.

Subscriber – A natural person, a proprietorship, corporation, partnership, or other entity, or a device (computer or other automated service) that is entitled to receive Market Data from a Controlled Data Distributor.

Note: *No new Data Recipient may receive any Market Data and/or Data Feeds unless and until MIAX has approved the specific nature of the Market Data and/or Data Feeds to be provided to such Data Recipient.*



II. Data Feed Distributor Requirements

Each Data Recipient that desires to become an authorized Data Feed Distributor of MIAX must complete and submit a [MIAX Exchange Data Vendor Agreement](#) and a [Schedule B - Data Feed Request Form](#). The Data Feed Request Form requires the prospective Data Feed Distributor to describe its plan to distribute Data Feeds externally to any Party that is not an Affiliate, employee or officer of the Data Recipient or an employee or officer of an Affiliate. The completed Data Feed Request Form and the MIAX Exchange Data Vendor Agreement should be emailed to MarketData@MIAXOptions.com for review and processing.

Prospective Data Recipient Documentation

Data Feed Distributors are responsible for either (i) directing each prospective Data Recipient to which it desires to redistribute or retransmit a Data Feed to download required documentation from the MIAX website, or (ii) providing a hard copy of each document indicated below to the prospective Data Recipient and ensuring that such Party completes and executes such documents **PRIOR TO RECEIPT OF ANY MARKET DATA**.

Required documentation includes the following documents:

- [MIAX Exchange Data Vendor Agreement](#)
- [Schedule B - Data Feed Request Form](#)
- [Schedule A - Affiliated Companies List](#) (to be completed by prospective Data Recipient if applicable in accordance with the instructions set forth in Section VII below)
- [Schedule C - Service Facilitator List](#) (to be completed by prospective Data Recipient if applicable in accordance with the instructions set forth in Section VI below)
- [Schedule D – Market Data Subscriber Agreement](#) (to be forwarded by Data Recipient to its Subscribers if applicable and completed by each Subscriber according to the instructions set forth in Section III below)

Redistribution Approval Process

Once the documentation described above is completed and executed, the prospective Data Feed Distributor must forward the required documentation to MIAX for review and approval. MIAX will review the application and may contact the prospective Data Recipients directly for any additional information that it may need to process and/or approve the request. The review of the application includes, but is not limited to, a review of the intended use of the Market Data.

Upon approval, MIAX will forward an approval letter via fax or email to both the Data Feed Distributor and Data Recipients. Once the approval letter is received, the Data Feed Distributor is authorized to provide the approved Data Feeds to the Data Recipients.

Note: If a Data Feed Distributor provides Market Data to an unapproved Data Recipient or releases any Data Feeds prior to approval of such Party by MIAX, the Data Feed Distributor is responsible for paying MIAX any fees, charges or penalties that are assessable by MIAX for such Data Recipient's receipt/use during the period of time that the Data Recipient has received/used the Market Data even if such Party is not yet authorized by MIAX to receive or use such Market Data.



III. Controlled Data Distributor Requirements

Each Party that desires to receive Market Data directly from MIAX or through a Data Feed Distributor must complete and submit a [MIAX Exchange Data Vendor Agreement](#) and a [Schedule B - Data Feed Request Form](#). The Data Feed Request Form requires Parties to identify the desired Data Feed and provide contact information for key Market Data Individuals, a description of the intended internal use and/or external distribution service being provided and a description of how the Data Feed is entitled. A separate Data Feed Request Form should be submitted for each entitlement system utilized. Each completed Data Feed Request Form and the MIAX Exchange Data Vendor Agreement should be emailed to MarketData@MIAXOptions.com for review and processing.

Internal Controlled Data Distributors

Each Internal Controlled Data Distributor (“ICDD”) has the right to provide Market Data to employees and officers of the ICDD or to any Affiliate thereof identified on an Affiliate List submitted by the ICDD to MIAX in accordance with the instructions set forth in Section VII below, and are not required to qualify such persons as Subscribers to MIAX. ICDDs are **not** subject to the reporting requirements set forth in Section V below.

External Controlled Data Distributors

Each External Controlled Data Distributor (“ECDD”) must qualify their prospective external Subscribers before any such Subscriber can be entitled to receive Market Data through one of the two following methods outlined below:

- **Subscriber Agreement**

Each prospective Subscriber must execute the [Schedule D – Market Data Subscriber Agreement](#).

- **ECDD Agreement**

Alternatively, an ECDD may utilize its own distribution or subscriber agreement with each Subscriber provided that such ECDD incorporates the following terms within its own written legally enforceable agreement (“ECDD Agreement”):

- MIAX shall retain all intellectual property rights in the Market Data provided to Subscriber.
- Market Data that is provided is subject to all terms and conditions stipulated by MIAX.
- Subscriber may be subject to reporting requirements.
- Subscriber agrees that MIAX does not make any representations or warranties, express or implied, with respect to the Market Data, or the transmission, timeliness, accuracy or completeness thereof, including, without limitation, any implied warranties or any warranties of merchantability, quality or fitness for a particular purpose, and those arising by statute or otherwise in law or from any course of dealing or usage of trade.
- Subscriber agrees that (i) it will not use or permit any other person to use Market Data for any illegal purpose, (ii) it will not use Market Data in any way to compete with MIAX nor use the Market Data in any way so as to assist or allow a third party to compete with MIAX, (iii) the provision of Market Data by MIAX hereunder is conditioned upon Subscriber's strict compliance with the terms of the ECDD Agreement and (iv) MIAX may, with or without notice and with or without cause, forthwith discontinue said service whenever in its judgment there has been any default or breach by Subscriber of the provisions hereof.



- Subscriber agrees to indemnify and hold harmless MIAX and its members, directors, officers, employees and agents harmless from and against any and all claims arising out of or in connection with the receipt and/or use of the Market Data, including, without limitation, any liability, loss or damages (including, without limitation, attorneys' fees and other expenses) caused by any inaccuracy in or omission from, Subscriber's failure to furnish or to keep, or Subscriber's delay in furnishing or keeping, any report or record required to be kept by Subscriber.
- Subscriber agrees that: (i) the provision of Market Data is made with equipment, communications devices, and/or leased lines not owned or operated solely by MIAX; and (ii) neither MIAX nor its members, directors, officers, employees or agents, guarantees the sequence, accuracy or completeness of the Market Data, nor shall any of them be liable to Subscriber or any other person for any delays, inaccuracies, errors or omissions in Market Data, or in the transmission thereof, or for any other damages arising in connection with Subscriber's receipt or use of Market Data, whether or not resulting from negligence on their part, a force majeure event or any other cause beyond their reasonable control.
- Automatic termination of the ECDD Agreement in the event of expiration or termination of the MIAX Exchange Data Vendor Agreement between MIAX and the ECDD.
- If the agreement does not include MIAX directly as a party, MIAX must be an expressly specified third party beneficiary of the ECDD Agreement, and shall thereby be entitled to receive the rights of ECDD and enforce the provisions of the ECDD Agreement against Subscriber; *provided, however*, that (i) no provision of the ECDD Agreement shall impose upon MIAX any obligations of ECDD set forth therein, and (ii) except as otherwise provided above, MIAX shall not be entitled to receive those rights of ECDD in respect of which no corresponding right exists under the MIAX Exchange Data Vendor Agreement, including the right to collect any fees payable directly to ECDD by Subscriber under the ECDD Agreement.
- No terms of any ECDD Agreement shall in any manner conflict with the terms of the MIAX Exchange Data Vendor Agreement.
- ECDD agrees that it is not an agent of MIAX and is not authorized to amend any provision of the MIAX Exchange Data Vendor Agreement between MIAX and ECDD for the benefit of Subscriber.

Any agreement with a Subscriber, whether it be the Subscriber Agreement or the ECDD Agreement, should be kept by each ECDD for a period of at least three (3) years. MIAX reserves the right to request a copy of all such agreements at any time during the term of the MIAX Exchange Data Vendor Agreement between the ECDD and MIAX.

Controlled Data Distributor Notice and Enforcement

Each Controlled Data Distributor shall:

- enforce each of its employees and officer's compliance with the terms of the MIAX Exchange Data Vendor Agreement and each of its Subscriber's compliance with the terms of the Subscriber Agreement, as applicable;
- provide MIAX written notice of any violation thereof by a Party, immediately upon becoming aware of such violation;
- provide MIAX notice of termination of any Subscriber Agreement, immediately upon receiving or serving notice of such termination;



- provide MIAX a true and correct copy of any MIAX Exchange Data Vendor Agreement or Subscriber Agreement entered into by any of its Data Recipients or Subscribers, as the case may be, promptly upon MIAX's request therefor;
- provide MIAX any assistance as MIAX may reasonably request in enforcing MIAX's rights under any MIAX Exchange Data Vendor Agreement with any Data Recipient or its rights under any Subscriber Agreement with any Subscriber as applicable;
- immediately cease providing any Market Data to any Party upon MIAX's request; and
- provide MIAX written notice promptly upon becoming aware of any acts or omissions of any Party or other person, in addition to those otherwise required to be reported herein, which Controlled Data Distributor believes, in its reasonable discretion, might jeopardize or prejudice the rights of MIAX in any Market Data or threaten the security or operations of any systems or other technology utilized by or on behalf of MIAX or any Distributor to disseminate any Data Feeds.

IV. Fees

The [MIAX Market Data Fee Schedule](#) is available on the MIAX website. Fees may be modified by MIAX at any time with no advance notice to Data Recipient or to any other Party except as may be provided in any agreement between MIAX and such Party.

V. Reporting

Reporting

MIAX requires all Data Recipients who are either External Controlled Data Distributors or Data Feed Distributors to submit reports, on a monthly basis, providing Party and Market Data details (as described below) for each Party receiving Market Data. Each such report must include the following:

- Data Recipient or Subscriber name, contact information, and billing address
- Mailing address at which Data Recipient receives the Data Feed
- Type of service
- Timing of Data Feed — Real-time or Delayed
- The earliest date upon which a Data Recipient or Subscriber receives any MIAX Market Data (installation date)
- The last date upon which a Data Recipient or Subscriber receives any MIAX Market Data (termination date)

Monthly reporting for the prior month's activity is due on the 15th of the current month (i.e., May 15th is the due date for April reporting) and should be sent via email to MarketDataUsage@MIAXOptions.com.

Please contact MarketData@MIAXOptions.com regarding any questions about reporting requirements.



Audit

In accordance with the terms outlined in the MIAX Exchange Data Vendor Agreement, each Data Recipient must make available to MIAX or its appointed agent, for physical inspection and audit, all books and records relating to Data Recipient's performance of its obligations and exercise of its rights under the MIAX Exchange Data Vendor Agreement, and all technology and premises of Data Recipient relevant to its performance of its obligations and exercise of its rights under the MIAX Exchange Data Vendor Agreement, in order for MIAX or its appointed agent to verify the accuracy of reports provided by Data Recipient to MIAX and the compliance by Data Recipient of all terms and conditions of the MIAX Exchange Data Vendor Agreement, including without limitation the receipt, use, display and distribution of Market Data. This audit must occur during normal business hours and upon reasonable notice to Data Recipient. MIAX may inspect and audit for compliance by the Data Recipient for a period of three (3) years following the effective date of termination of the MIAX Exchange Data Vendor Agreement. If the inspection and audit determines there is underreporting, underpayment or other financial non-compliance with the MIAX Exchange Data Vendor Agreement, then all such amounts owed to MIAX shall be remitted to MIAX within thirty (30) days of receipt by Data Recipient of an invoice therefor, which shall be provided following completion of the inspection and audit.

VI. Service Facilitators

A Data Recipient may delegate any of its responsibilities, obligations or duties under or in connection with the MIAX Exchange Data Vendor Agreement between MIAX and Data Recipient to an authorized third party agent ("Service Facilitator"), which Service Facilitator may discharge those responsibilities, obligations or duties on behalf of a Data Recipient in accordance with the MIAX Exchange Data Vendor Agreement. Notwithstanding any such delegation, a Data Recipient shall remain responsible for compliance by such Service Facilitator with all applicable terms and conditions of the MIAX Exchange Data Vendor Agreement and all other acts and omissions thereby in connection with the receipt, use and distribution of the Market Data.

A Service Facilitator may support one or more functions for a Data Recipient including, but not limited to, website operation, software development, facilities and equipment operation, and service installation. If a Data Recipient uses a Service Facilitator, the Data Recipient must provide a list of any and all Service Facilitators to MIAX on [Schedule C – Service Facilitator List](#). The completed form should be emailed to MarketData@MIAXOptions.com for review and processing.

Additionally Data Recipient must include in a legally enforceable written agreement between the Data Recipient and each Service Facilitator the following terms:

- MIAX is protected to the same extent as if the Service Facilitator were a party to the MIAX Exchange Data Vendor Agreement, including without limitation by permitting MIAX to audit the Service Facilitator on the same terms as MIAX is permitted to audit Data Recipient under the MIAX Exchange Data Vendor Agreement.
- No terms of such agreement conflict with the terms of the MIAX Exchange Data Vendor Agreement.
- If the Service Facilitator is responsible for distribution of the Market Data on behalf of the Data Recipient, distribution of Market Data to another Data Recipient may occur *only after* the Data Recipient is authorized by MIAX or Data Recipient is qualified through one of the qualification methods outlined above.
- Data Recipient, and not the Service Facilitator, controls all entitlements of Market Data.



Notwithstanding the foregoing, the Service Facilitator must sign a MIAX Exchange Data Vendor Agreement with MIAX if the Service Facilitator receives a Data Feed.

VII. Distribution to Affiliates

Any Data Recipient that distributes Market Data to an Affiliate of Data Recipient must complete and submit [Schedule A - Affiliated Companies List](#) indicating the Affiliates which will be receiving Market Data. An “Affiliate” is defined as any entity that, from time to time, directly or indirectly Controls, is Controlled by, or is under common Control with Data Recipient. By submitting the names of its Affiliate(s), the Data Recipient agrees that the contact information provided shall be deemed to be the contact information for each Affiliate. The completed form should be emailed to MarketData@MIAXOptions.com for review and processing.

VIII. General Use Requirements

Attribution

- Each Data Recipient (including each Data Feed Distributor and each Controlled Data Distributor) must identify MIAX as the source of any Market Data Feed through use of the name “MIAX” on all displays of Market Data.
- If the Market Data is being provided on a delayed basis, the Data Recipient must appropriately attribute Market Data as delayed by stating “**Data Delayed 15 Minutes**”.
- Alternatives for Market Data attribution on displays may be permitted upon the prior written consent of MIAX if the attribution accurately and unambiguously describes the source of the Market Data. In order to receive approval, the Data Recipient must submit the alternative attributions to MIAX by emailing the request to MarketData@MIAXOptions.com for review and processing.

Marketing Materials

Each Data Feed Distributor and each Controlled Data Distributor may use MIAX’s corporate name and the names of the Market Data Products/Services in their marketing materials and written sales materials to promote the use of their products or services, provided that such Data Recipient has received specific prior written approval by MIAX of each such use. In order to receive approval, the Data Recipient must submit the marketing materials to MIAX by emailing MarketData@MIAXOptions.com for review and approval.

Record Retention

A Data Recipient must create and maintain complete and accurate books and records relating to the Data Recipient’s performance of its obligations and exercise of its rights under the MIAX Exchange Data Vendor Agreement (collectively, “Records”) including without limitation the receipt, use, display and distribution of Market Data. Data Recipients shall cause their Subscribers to also maintain complete and accurate books and records related to the Market Data receipt and/or use by such Subscriber.



SCHEDULE A Affiliated Companies List

Check One: New Affiliate List Revise Existing Affiliate List Addition/Deletion to Existing Affiliate List

Date of Request: _____

Distributor Contact Information

Company Name: _____

Primary Contact: _____ **Phone:** _____

Primary Contact Email: _____

Affiliated Companies

Affiliated Company Names	Registered Address

Certification

I certify that the information provided in this form is complete and accurate and complies with all terms and conditions of the Exchange Data Vendor Agreement with Miami International Securities Exchange, LLC.

Signature: _____

Print Name: _____

Title: _____

Date: _____



SCHEDULE B Data Feed Request Form (submit one per entitlement system)

Check One: New Service Request Revise Existing Service Addition/Deletion to Existing Service

Date of Request: _____

Distributor Contact Information

Company Name: _____

Primary Contact: _____ **Phone:** _____

Primary Contact Email: _____

Technical Contact: _____ **Phone:** _____

Technical Contact Email: _____

Billing Contact: _____ **Phone:** _____

Billing Contact Email: _____

Reporting Contact: _____ **Phone:** _____

Reporting Contact Email: _____

Intended Use of MIAX Market Data

- Check All Applicable:**
- Internal Use Within Company and/or Affiliates
 - Controlled Distribution to External Parties (control entitlement and individual device usage)
 - Uncontrolled Distribution to External Parties (Data Feed Distributor)

MIAX Market Data Requested

MIAX Options ToM (Top of Market)

Service Description and Entitlement

Internal Usage – Describe Intended Use of Data External Distribution – Describe Service Provided	Entitlement Methodology

Certification

I certify that the information provided in this form is complete and accurate and complies with all terms and conditions of the Exchange Data Vendor Agreement with Miami International Securities Exchange, LLC.

Signature: _____

Print Name: _____

Title: _____

Date: _____

SCHEDULE C Service Facilitator List

Check One: New Facilitator List Revise Existing Facilitator List Addition/Deletion to Existing Facilitator List

Date of Request: _____

Distributor Contact Information

Company Name: _____

Primary Contact: _____ **Phone:** _____

Primary Contact Email: _____

Service Facilitator Information

Facilitator Company Name: _____

Facilitator Address: _____

Primary Contact: _____ **Phone:** _____

Primary Contact Email: _____

Service Provided: _____

Check if Facilitator is Responsible for Reporting Data Feed Usage



Facilitator Company Name: _____

Facilitator Address: _____

Primary Contact: _____ Phone: _____

Primary Contact Email: _____

Service Provided: _____

Check if Facilitator is Responsible for Reporting Data Feed Usage

Facilitator Company Name: _____

Facilitator Address: _____

Primary Contact: _____ Phone: _____

Primary Contact Email: _____

Service Provided: _____

Check if Facilitator is Responsible for Reporting Data Feed Usage

Facilitator Company Name: _____

Facilitator Address: _____

Primary Contact: _____ Phone: _____

Primary Contact Email: _____

Service Provided: _____

Check if Facilitator is Responsible for Reporting Data Feed Usage

Certification

I certify that the information provided in this form is complete and accurate and complies with all terms and conditions of the Exchange Data Vendor Agreement with Miami International Securities Exchange, LLC.

Signature: _____

Print Name: _____

Title: _____

Date: _____

SCHEDULE D Market Data Subscriber Agreement

THE UNDERSIGNED SUBSCRIBER (“SUBSCRIBER”) MUST READ AND AGREE BELOW TO THE TERMS AND CONDITIONS OF THIS AGREEMENT IN ORDER TO RECEIVE AND USE THE MARKET DATA MADE AVAILABLE TO IT BY THE MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC (“MIAX”). NEITHER THE DISTRIBUTOR OF THE MARKET DATA NOR ITS AGENTS MAY MODIFY OR WAIVE ANY TERM OF THIS AGREEMENT AND ANY ATTEMPT TO MODIFY THIS AGREEMENT, EXCEPT BY MIAX, SHALL RENDER IT NULL AND VOID.

This Market Data Subscriber Agreement (“Agreement”) is between the Miami International Securities Exchange, LLC (“MIAX”), a Delaware limited liability company with its principal place of business at 7 Roszel Road, Fifth Floor, Princeton, New Jersey 08540, and the undersigned Subscriber. This Agreement shall establish the terms and conditions pursuant to which Subscriber may receive and use the market data and related information of MIAX (collectively herein the “Market Data”) provided to Subscriber by an authorized distributor of such Market Data (herein a “Distributor”).

1. **LICENSE.** Upon acceptance of the terms and conditions of this Agreement as indicated below, Subscriber shall have a limited, non-exclusive, worldwide, non-transferable license during the term of this Agreement to receive and use Market Data solely for Subscriber's own personal or internal business purposes, as the case may be, and for no other purposes. Subscriber will have no rights with respect to Market Data except as provided pursuant to the foregoing license. Subscriber is prohibited from selling, distributing, transferring, or otherwise disseminating Market Data to any other person or entity, except that Subscriber may distribute the Market Data to an employee or officer of Subscriber. Subscriber represents and warrants that it has equivalent access to consolidated options information disseminated by the Options Price Reporting Authority (“OPRA”) for the same classes or series of options that are included in the Market Data.

2. **USER ID AND PASSWORD.** Subscriber shall protect the secrecy of any user ID or password used by or issued to Subscriber in connection with the receipt of Market Data. Subscriber acknowledges that (i) MIAX shall be entitled to treat any order, instruction, or inquiry forwarded to MIAX using any such Subscriber user ID or password as having originated from Subscriber, (ii) Subscriber shall be financially responsible for any such order or request for Market Data and (iii) Subscriber must immediately notify MIAX if any such Subscriber user ID or password is lost or stolen or someone has gained unauthorized access to that user ID or password.

3. **FEES.** Subscriber agrees to pay any applicable charges, taxes and other assessments to receive Market Data that is ordered by Subscriber (“Subscriber Fees”). To the extent permitted by applicable law, Subscriber acknowledges and agrees that the termination of the Distributor’s service to Subscriber for failure to make payments shall not be considered an improper limitation of access by MIAX. The Subscriber acknowledges and agrees that the Subscriber Fees are subject to modification by MIAX at any time, without prior notice to Subscriber. All Subscriber Fees are non-refundable except as provided herein.

4. **MODIFICATION OR CESSATION OF PROVISION OF MARKET DATA.** Subscriber acknowledges that MIAX, in its sole discretion, may make modifications to its system or to the Market Data which may require corresponding changes to be made in Distributor’s service to Subscriber. Changes or the failure to make changes by Distributor may cease or affect Subscriber’s access to or use of the Market Data. MIAX shall not be responsible for such events. Further, MIAX may cease or discontinue the provision of Market Data at any time with no requirement of advance notice to Subscriber. In such an event, MIAX shall refund to Subscriber any prepayments made by Subscriber to MIAX (or the pro-rata portion thereof, if applicable) for Market Data requested or ordered by Subscriber that will not be provided to Subscriber.

5. **PROPRIETARY RIGHTS.** Subscriber acknowledges and agrees that MIAX has exclusive and valuable property rights in and to its own Market Data, that such Market Data constitutes valuable proprietary information and/or proprietary rights of MIAX, some of which may not be within the public domain, that such Market Data shall remain valuable proprietary information and/or proprietary rights of MIAX, and that, but for this Agreement, Subscriber would have no rights or access to such Market Data. Subscriber acknowledges and agrees that disclosure of any Market Data except as permitted by this Agreement, or any breach or threatened breach of any other covenants or agreements contained herein, would cause irreparable injury to MIAX for which money damages would be an inadequate remedy. Accordingly, Subscriber further acknowledges and agrees that MIAX shall be entitled to specific performance and injunctive and other equitable relief from the breach or threatened breach of any provision, requirement or covenant of this Agreement

(including, without limitation, any disclosure or threatened disclosure of Market Data which is not within the public domain) in addition to and not in limitation of any other legal or equitable remedies which may be available.

6. **REPORTING.** Subscriber agrees to furnish promptly to Distributor or to MIAX any information or reports that may be reasonably required by Distributor and/or MIAX in order for Subscriber to receive the Market Data.

7. **COVENANTS, REPRESENTATIONS AND WARRANTIES OF SUBSCRIBER.** Subscriber agrees that (i) it will not use or permit any other Person to use Market Data for any illegal purpose, (ii) it will not use Market Data in any way to compete with the Exchange, nor use the Market Data in any way so as to assist or allow a third party to compete with the Exchange, (iii) the provision of Market Data by the Exchange hereunder is conditioned upon Data Recipient's strict compliance with the terms of this Agreement and (iv) the Distributor may, with or without notice and with or without cause, forthwith discontinue said service whenever in its judgment there has been any default or breach by Subscriber of the provisions hereof, or whenever directed to do so by the Exchange.

8. **DISCLAIMER.** THE MARKET DATA IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY WITH RESPECT TO ACCURACY, COMPLETENESS, TIMELINESS, NONINFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. NEITHER MIAX, NOR ANY PROVIDER OF MARKET DATA TO MIAX, NOR ANY OF THEIR RESPECTIVE AFFILIATES, NOR THEIR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, CONTRACTORS, AND AGENTS SHALL HAVE ANY LIABILITY OF ANY KIND (INCLUDING, BUT NOT LIMITED TO, FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES OR ANY DAMAGES FOR LOST PROFITS OR LOST OPPORTUNITIES AND WHETHER BASED UPON CONTRACT, TORT, WARRANTY, OR OTHERWISE) FOR ANY INACCURACIES, OMISSIONS, HUMAN OR MACHINE ERRORS, OR OTHER IRREGULARITIES IN THE MARKET DATA OR FOR ANY CESSATION, DISCONTINUANCE, FAILURE, MALFUNCTION, DELAY, SUSPENSION, INTERRUPTION, OR TERMINATION OF, OR WITH RESPECT TO, THE PROVISION OF THE MARKET DATA TO SUBSCRIBER.

9. **INDEMNIFICATION.** Subscriber agrees to indemnify MIAX and its affiliates, and their respective directors, officers, employees, contractors, and agents, from and against any and all losses, damages, expenses, claims, demands, suits, judgments, penalties, and costs of any kind whatsoever, including reasonable attorneys' fees and expenses, arising out of or in connection with Subscriber's use of or inability to use the Market Data, including without limitation, any inaccuracy, omission, human or machine error, or other irregularity in the Market Data or any cessation, discontinuance, failure, malfunction, delay, suspension, interruption, or termination of, or in connection with, the provision of the Market Data to Subscriber.

10. **ASSIGNMENT.** Subscriber may not assign or otherwise transfer this Agreement or any rights hereunder. MIAX may assign this Agreement to an affiliate of MIAX or to a third party that is a successor to MIAX's business of providing Market Data.

11. **NOTICES.** Any notice under this Agreement by MIAX to Subscriber may be given via electronic mail to the e-mail address provided by Subscriber when subscribing to receive Market Data. Any notice under this Agreement by Subscriber to MIAX may be given via electronic mail to MarketData@MIAXOptions.com.

12. **MISCELLANEOUS.** In the event of breach by Subscriber of its obligations hereunder, the Exchange may bring an action to enforce its terms directly against Subscriber. Any action arising out of this Agreement shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of New York. The failure or delay to enforce any rights under this Agreement shall not constitute a waiver of such rights, any other rights, or any future rights arising hereunder. All rights and remedies under this Agreement shall be cumulative and none shall exclude or prejudice any other right or remedy available under law or by virtue of the provisions of this Agreement. If any term or provision of this Agreement shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and each term and provision hereof shall be valid and enforced to the fullest extent permitted by law. This Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Agreement, and supersedes all prior agreements and understandings between the parties with respect to such subject matter. No modification or amendment of this Agreement shall be effective unless it is in writing and signed by a duly authorized representative of each party.



BY TYPING YOUR NAME BELOW, YOU AGREE THAT THE FOLLOWING IS TRUE: (1) YOU REPRESENT THAT YOU HAVE ACTUAL AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF SUBSCRIBER; (2) THAT YOU HAVE READ THE TERMS STATED ABOVE; (3) YOU UNDERSTAND THE TERMS STATED ABOVE; (4) A PRINTOUT OF THE TERMS STATED ABOVE WILL CONSTITUTE A "WRITING" UNDER ANY APPLICABLE LAW OR REGULATION; AND (5) YOU AGREE TO ABIDE BY ALL THE TERMS OF THE AGREEMENT STATED ABOVE.

Type name of Subscriber and authorized representative below if you acknowledge and accept the foregoing terms.

Name of Subscriber: _____

By Authorized Representative: _____

Date: _____



MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

Service Bureau Agreement

1. This Service Bureau Agreement (this "Agreement") is between Miami International Securities Exchange, LLC ("Exchange") the Member of Exchange designated below ("Member"), and the Authorized Service Bureau designated below ("Service Bureau").
2. This Agreement authorizes the Service Bureau to route orders and any modifications thereto to the Exchange on behalf of the Member.
3. By executing this Agreement, the undersigned Member agrees that it is responsible for all orders using its member identifier entered on the Exchange through or by the Service Bureau. The Member also agrees to accept and honor all trades executed on the Exchange as a result of orders routed to the Exchange through or by the Service Bureau using the Member's member identifier, regardless of whether such orders were provided to the Exchange in error by the Service Bureau.
4. The Member understands and agrees that it is its sole responsibility to immediately notify the Exchange in the event that it wishes to terminate this Agreement.
5. This Agreement is for the term of one year from the date of execution and shall be automatically renewed on an annual basis unless terminated by any party upon 24 hours written notice.
6. This Agreement shall be governed by the laws of the state of New York without regard to its choice of law provisions.

IN WITNESS THEREOF, THE PARTIES HAVE EXECUTED THIS SERVICE BUREAU AGREEMENT EFFECTIVE AS OF THE DATE SET FORTH BELOW.

SERVICE BUREAU

MEMBER

**MIAMI INTERNATIONAL
SECURITIES EXCHANGE, LLC**

Signature

Signature

Signature

Print Name

Print Name

Print Name

Title (must be an officer)

Title (must be an officer)

Title

Name of Service Bureau

Name of Firm

Date

Service Bureau Contact

Date

Phone Number of Contact Person

ID of Member