

RULES OF EDGX EXCHANGE, INC.

CHAPTER II. MEMBERS OF THE EXCHANGE

Rule 2.5. Restrictions

(a)-(e) (No change.)

Interpretations and Policies

.01 Proficiency Examinations:

(a)-(c) (No change.)

(d) The Exchange requires each Member other than a sole proprietorship or a proprietary trading firm with 25 or fewer Authorized Traders (“Limited Size Proprietary Firm”) to register at least two Principals with the Exchange. A Limited Size Proprietary Firm is required to register at least one Principal with the Exchange. In addition, the Exchange may waive the two Principal requirement in situations that indicate conclusively that only one Principal associated with the Member should be required. For purposes of this paragraph (d), a “Principal” shall be any individual responsible for supervising the activities of a Member’s Authorized Traders and each person designated as a Chief Compliance Officer on Schedule A of Form BD. This paragraph (d) shall not apply to a Member that solely conducts business on the Exchange as an Options Member, however, Options Members must comply with the registration requirements set forth in Rule 17.2(g). Each Principal is required to successfully complete the General Securities Principal Examination (“Series 24”). The Exchange uses Form U4 as part of its procedure for registration and oversight of Member personnel.

The Exchange will accept the New York Stock Exchange Series 14 Compliance Official Examination in lieu of the Series 24 to satisfy the above requirement for any person designated as a Chief Compliance Officer. Individuals that supervise the activities of General Securities Representatives must successfully complete the Series 7 or an equivalent foreign examination module as a prerequisite to the Series 24 or Series 14 and shall be referred to as General Securities Principals. The Exchange will permit the Series 56 as a prerequisite to the Series 24 or Series 14 for those Principals whose supervisory responsibilities are limited to overseeing the activities of proprietary traders, as defined in paragraph (f) below. These limited representative Principals shall be referred to as Proprietary Trader Principals.

(e)-(h) (No change.)

(i) The following sets forth the qualification requirements for each of the registration categories described above:

CATEGORY OF REGISTRATION	QUALIFICATION EXAMINATION	ALTERNATIVE ACCEPTABLE QUALIFICATIONS
General Securities Representative	Series 7	Equivalent foreign examination module (Series 17 or Series 37/38)
Proprietary Trader ¹	Series 56	N/A
General Securities Principal	Series 24	Compliance Official Examination (Series 14) ²
Proprietary Trader Principal	Series 24	Compliance Official Examination (Series 14) ²
Financial/Operations Principal	Series 27	Other examination acceptable to designated examining authority ³
<u>Options Principal</u> ⁴	<u>Series 4</u>	<u>General Securities Principal Examination (Series 24)</u>

¹⁻³ (No change.)

⁴ Please refer to Rule 17.2(g) for a more detailed description of the requirements for registration as an Options Principal.

.02 Continuing Education Requirements:

(a) Requirements

No Member shall permit any Authorized Trader, Principal, [or] Financial/Operations Principal, or Options Principal (each a "Registered Representative") to continue to, and no Registered Representative shall continue to, perform duties as a Registered Representative on behalf of such Member, unless such person has complied with the continuing education requirements in this Rule. Each Registered Representative 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, also known as the "base 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. A person qualified solely as a Proprietary Trader shall comply with the continuing education requirements appropriate for the Series 56. All other Registered Representatives shall comply with the continuing education requirements applicable to their particular registration.

(b)-(d) (No change.)

(e) The following sets forth the Regulatory Elements appropriate for each registration category:

CATEGORY OF REGISTRATION	REGULATORY ELEMENT
General Securities Representative	S101 General Program
Proprietary Trader	S501 Series 56 Proprietary Trader Continuing Education Program
General Securities Representative Principal	S201 Supervisor Program
Proprietary Trader Principal	S201 Supervisor Program
Financial/Operations Principal	S201 Supervisor Program
<u>Options Principal</u>	<u>S201 Supervisor Program</u>

.03-.04 (No change.)

CHAPTER VIII. DISCIPLINE

Rule 8.15. Imposition of Fines for Minor Violation(s) of Rules

(a) – (e) (No change.)

Interpretations and Policies

.01 List of Exchange Rule Violations and Recommended Fine Schedule Pursuant to Rule 8.15:

(No change.)

(a) – (g) (No change.)

Recommended Fines for 8.15.01(h): see Rule 25.3

(h) Rules contained in the Rules applicable to EDGX Options, as set forth in Rule 25.3 (Penalty for Minor Rule Violations).

CHAPTER XVI. GENERAL PROVISIONS – EDGX OPTIONS**Rule 16.1. Definitions**

(a) With respect to the Rules contained in Chapters XVI to XXIX below, relating to the trading of options contracts on the Exchange, the following terms shall have the meanings specified in this Rule. A term defined elsewhere in the Exchange Rules shall have the same meaning with respect to this Chapter XVI, unless otherwise defined below.

(1) The term “aggregate exercise price” means the exercise price of an options contract multiplied by the number of units of the underlying security covered by the options contract.

(2) The term “American-style option” means an options contract that, subject to the provisions of Rule 23.1 (relating to the cutoff time for exercise instructions) and to the Rules of the Clearing Corporation, may be exercised at any time from its commencement time until its expiration.

(3) The terms “associated person” or “person associated with an Options Member” mean any partner, officer, director, or branch manager of an Options 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 an Options Member or any employee of an Options Member.

(4) The terms “EDGX Exchange” or “Exchange” mean the EDGX Exchange, Inc.

(5) The terms “EDGX Exchange Rules” or “Exchange Rules” mean the rules of the Exchange, including those for equities and options.

(6) The term “bid” means a limit order to buy one or more options contracts.

(7) The term “Board” means the Board of Directors of the EDGX Exchange, Inc.

(8) The term “EDGX Options” means the EDGX Exchange Options Market, an options trading facility of the Exchange under Section 3(a)(2) of the Exchange Act.

(9) The term “EDGX Options Book” means the electronic book of options orders maintained by the Trading System.

(10) The term “rules of EDGX Options” mean the rules contained in Chapters XVI to XXIX of the EDGX Exchange Rules governing the trading of options on the Exchange.

(11) The term “EDGX Options Transaction” means a transaction involving an options contract that is effected on or through EDGX Options or its facilities or systems.

(12) The term “call” means an options 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 shares of the underlying security covered by the options contract.

(13) The term “class of options” means all options contracts of the same type and style covering the same underlying security.

(14) The terms “Clearing Corporation” or “OCC” mean The Options Clearing Corporation.

(15) The term “Clearing Member” means an Options Member that is self-clearing or an Options Member that clears EDGX Options Transactions for other Members of EDGX Options.

(16) The term “closing purchase transaction” means an EDGX Options Transaction that reduces or eliminates a short position in an options contract.

(17) The term “closing writing transaction” means an EDGX Options Transaction that reduces or eliminates a long position in an options contract.

(18) The term “covered short position” means (A) an options position where the obligation of the writer of a call option is secured by a “specific deposit” or an “escrow deposit” meeting the conditions of Rules 610(f) or 610(g), 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 options contract of the same class of options where the exercise price of the options contract in such long position is equal to or less than the exercise price of the options contract in such short position; and (B) an options position where the writer of a put option holds in the same account as the short position, on a share-for-share basis, a long position in an options contract of the same class of options where the exercise price of the options contract in such long position is equal to or greater than the exercise price of the options contract in such short position.

(19) The term “Customer” means a Public Customer or a broker-dealer.

(20) The term “Customer Order” means an agency order for the account of a Customer.

(21) 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.

(22) The term “European-style option” means an options contract that, subject to the provisions of Rule 23.1 (relating to the cutoff time for exercise instructions) and to the Rules of the Clearing Corporation, can be exercised only on its expiration date.

(23) The term “Exchange Act” means the Securities Exchange Act of 1934, as amended, or Rules thereunder.

(24) 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 options contract.

(25) 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.

(26) The term “index option” means an options contract that is an option on a broad-based, narrow-based or micro narrow-based index of equity securities prices.

(27) The term “individual equity option” means an options contract which is an option on an equity security.

(28) The term “long position” means a person’s interest as the holder of one or more options contracts.

(29) The term “NBB” means the national best bid, the term “NBO” means the national best offer, and the term “NBBO” means the national best bid or offer as calculated by EDGX Options based on market information received by EDGX Options from OPRA.

(30) The term “offer” means a limit order to sell one or more options contracts.

(31) The term “opening purchase transaction” means an EDGX Options Transaction that creates or increases a long position in an options contract.

(32) The term “opening writing transaction” means an EDGX Options Transaction that creates or increases a short position in an options contract.

(33) The term “options contract” mean a put or a call issued, or subject to issuance by the Clearing Corporation pursuant to the Rules of the Clearing Corporation.

(34) The terms “options market close” or “market close” mean the time specified by EDGX Options for the cessation of trading in contracts on EDGX Options for options on that market day.

(35) The terms “options market open” or “market open” mean the time specified by EDGX Options for the commencement of trading in contracts on EDGX Options for options on that market day.

(36) The terms “Options Order Entry Firm” or “Order Entry Firm” or “OEF” mean those Options Members representing as agent Customer Orders on EDGX Options and those non-Market Maker Members conducting proprietary trading.

(37) The terms “Options Market Maker” or “Market Maker” mean an Options Member registered with the Exchange for the purpose of making markets in options contracts traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter XXII of these Rules.

(38) The term “Options Member” means a firm, or organization that is registered with the Exchange pursuant to Chapter XVII of these Rules for purposes of participating in options trading on EDGX Options as an “Options Order Entry Firm” or “Options Market Maker.”

(39) The term “Options Member Agreement” means the agreement to be executed by Options Members to qualify to participate on EDGX Options.

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

(41) The term “OPRA” means the Options Price Reporting Authority.

(42) The term “order” means a firm commitment to buy or sell options contracts as defined in Rule 21.1(c).

(43) The term “outstanding” means an options 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.

(44) The term “primary market” means, in the case of securities listed on Nasdaq Stock Market, LLC (“Nasdaq”), the market that is identified as the listing market pursuant to Section X(d) of the approved national market system plan governing the trading of Nasdaq-listed securities, and, in the case of securities listed on another national securities exchange, the market that is identified as the listing market pursuant to Section XI of the Consolidated Tape Association Plan.

(45) The term “Professional” means any person or entity that (A) is not a broker or dealer in securities, and (B) places more than 390 orders in listed options per day on average during a calendar month for its own beneficial account(s). All Professional orders shall be appropriately marked by Options Members.

(46) The term “Protected Quotation” has the meaning provided in Rule 27.1.

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

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

(49) The term “put” means an options contract under which the holder of the option has the right, in accordance with the terms and provisions of the option and the Rules of the OCC, to sell to the Clearing Corporation the number of units of the underlying security covered by the options contract, at a price per unit equal to the exercise price, upon the timely exercise of such option.

(50) The term “Quarterly Options Series” means 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 expires at the close of business on the last business day of a calendar quarter.

(51) The terms “quote” or “quotation” mean a bid or offer entered by a Market Maker as a firm order that updates the Market Maker’s previous bid or offer, if any.

(52) The term “Responsible Person” shall mean a United States-based officer, director or management-level employee of an Options Member, who is registered with the Exchange as an Options Principal, responsible for the direct supervision and control of associated persons of that Options Member.

(53) The terms “Rules of the Clearing Corporation” or “Rules of the OCC” mean the Certificate of Incorporation, the By-Laws and the Rules of the Clearing Corporation, and all written interpretations thereof, as may be in effect from time to time.

(54) The terms “SEC” or “Commission” mean the United States Securities and Exchange Commission.

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

(56) The term “short position” means a person’s interest as the writer of one or more options contracts.

(57) The term “Short Term Option Series” means 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 Thursday or Friday that is a business day and that expires on any of the next five (5) consecutive Fridays. If a Thursday or Friday is not a business day, the

series may be opened (or shall expire) on the first business day immediately prior to that Thursday or Friday, respectively.

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

(59) The terms “Trading System” or “System” mean the automated trading system used by EDGX Options for the trading of options contracts.

(60) The term “type of option” means the classification of an options contract as either a put or a call.

(61) The term “uncovered” means a short position in an options contract that is not covered.

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

(63) The term “User” means any Options Member or Sponsored Participant who is authorized to obtain access to the System pursuant to Rule 11.3 (Access).

Rule 16.2. Applicability

(a) The Rules contained in Chapters XVI to XXIX herein are the Exchange Rules applicable to the trading of options contracts issued by The Options Clearing Corporation through EDGX Options, the terms and conditions of such contracts, the exercise and settlement thereof, the handling of orders, and the conduct of accounts and other matters relating to options trading on EDGX Options.

(b) Except to the extent that specific Rules relating to options trading govern or unless the context otherwise requires, the provisions of the Exchange Rules shall be applicable to Options Members and to the trading of option contracts on EDGX Options and, for purposes of their application with respect to Options Members and options trading shall be interpreted in light of the nature of options trading and the EDGX Options market, and the fact that options on EDGX Options shall be traded electronically through the Trading System. To the extent that the provisions of the Rules relating to options trading contained in Chapters XVI to XXIX are inconsistent with any other provisions of the Exchange Rules, the Rules relating to options trading shall control.

(c) For marketing and other purposes, the Exchange’s options market facility may be referred to as the “EDGX Options Exchange” or “EDGX Options.”

CHAPTER XVII. PARTICIPATION ON EDGX OPTIONS

Rule 17.1. Options Participation

(a) These Rules establish a new category of EDGX Exchange member participation called “Options Member.” Only Options Members may transact business on EDGX Options via the Trading System. Options Members may trade options for their own proprietary accounts or, if authorized to do so under applicable law, and consistent with these Rules and with applicable law and SEC rules and regulations, may conduct business on behalf of Customers.

(b) A prospective Options Member must:

(1) complete an Options Member Application in the form prescribed by the Exchange;

(2) provide such other information as required by the Exchange;

(3) be an existing member or become a Member of the Exchange, pursuant to Chapter II (Members of the Exchange), and continue to abide by the requirements of the Chapter II Exchange Rules with respect to participation in EDGX Options; and

(4) enter into an Options Member Agreement in the form specified by the Exchange, agree to abide by the same as it has been or shall be from time to time amended, and pledge to abide by the Exchange Rules as amended from time to time, and by all circulars, notices, directives or decisions adopted pursuant to or made in accordance with the Exchange Rules; and

(5) be under the supervision and control of a Responsible Person who is registered with the Exchange as an Options Principal.

(c) Upon completion of the application, the Exchange, or person(s) designated by the Exchange (“designee”) shall consider whether to approve the application, unless there is just cause for delay. In its consideration process, the Exchange may conduct such investigation as it deems appropriate and may take such steps as it deems necessary to confirm the information provided by the applicant. Within thirty (30) days after the Exchange or its designee has completed its consideration of an application, it shall provide written notice of the action of the Exchange, specifying in the case of disapproval of an application the grounds therefore.

(d) These Rules place no limit on the number of qualifying entities that may become Options Members. However, based on system constraints or capacity restrictions, approval of qualifying applications for Options Members may, in limited circumstances, be temporarily deferred. To the extent that the Board places limitations on otherwise qualified applicants to act as Options Members, 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.

(e) Options Member status cannot be leased or transferred except in the event of a change in control or corporate reorganization involving an Options Member. In such a case, Options Member status may be transferred to a qualified affiliate or successor upon written notice to the Exchange or its designee.

(f) Every Options Member shall file with the Exchange and keep current an address where notices may be served, including current addresses of each Responsible Person, as specified in paragraph (b)(5) of this Rule.

Rule 17.2. Requirements for Options Participation

(a) Options Members may be corporations, partnerships, limited liability companies or sole proprietorships organized under the laws of a jurisdiction of the United States, or such other jurisdictions as the Exchange may approve.

(b) Options Members must be Clearing Members or establish a clearing arrangement with a Clearing Member.

(c) Options Members must have demonstrated ability to adhere to all applicable Exchange, SEC, Clearing Corporation and Federal Reserve Board policies, rules and regulations related to the trading of options, including those concerning record-keeping, reporting, finance and trading procedures and be able to satisfactorily demonstrate reasonably adequate systems capability and capacity.

(d) All associated persons of Options Members who are not themselves Responsible Persons must be under the supervision of a U.S.-based Responsible Person who is registered with the Exchange as an Options Principal.

(e) Every Options Member shall have as the principal purpose of being an Options Member the conduct of a securities business. Such a purpose shall be deemed to exist if and so long as:

(1) the Options Member has qualified and acts in respect of its business on EDGX Options as either an OEF or an Options Market Maker, or both; and

(2) all transactions effected by the Options Member are in compliance with Section 11(a) of the Exchange Act and the rules and regulations adopted thereunder.

(f) Every Options Member shall at all times maintain membership in another registered options exchange that is not registered solely under Section 6(g) of the Securities Exchange Act of 1934, or in FINRA. Options Members that transact business with Public Customers shall at all times be members of FINRA.

(g) Options Principal.

(1) Every Options Member shall have at least one Options Principal who shall have satisfied the requirements of this subparagraph. Persons engaged in the

management and supervision of the Options Member's business pertaining to options contracts shall be designated as Options Principals and shall have responsibility for the overall oversight of the Options Member's options related activities on the Exchange.

(2) Each person required by subparagraph (g)(1) to be an Options Principal shall pass the appropriate Registered Options Principal Qualification Examination ("Series 4"), or an equivalent examination acceptable to the Exchange, for the purpose of demonstrating an adequate knowledge of options trading generally, the Rules of the Exchange applicable to trading of option contracts and the rules of registered clearing agencies for options, and be registered as such before engaging in the duties or accepting the responsibilities of an Options Principal.

(3) Each person required to register and qualify as an Options Principal must, prior to or concurrent with such registration, be or become qualified as a General Securities Representative.

(4) Options Principals must comply with Exchange Rule 2.5, Interpretation and Policy .02, which requires completion of certain continuing education requirements.

(5) A person registered solely as an Options Principal shall not be qualified to function in a principal capacity with responsibility over any area of business activity not prescribed in subparagraph (1).

(6) In connection with their registration, Options Principals shall electronically file a Uniform Application for Securities Industry Registration or Transfer ("Form U4") with the Central Registration Depository ("CRD") System, shall successfully complete an examination prescribed by the Exchange for the purpose of demonstrating an adequate knowledge of the options business, and shall further agree in the Form U4 filing to abide by the Rules of the Exchange and the Rules of the Clearing Corporation; provided, however, that Options Principals of Members that are members of another national securities exchange or association that has standards of approval acceptable to the Exchange may be deemed to be approved by and registered with the Exchange, so long as such Options Principals are approved by and registered with such other exchange or association.

(7) Termination of employment or affiliation of any Options Principal in such capacity shall be promptly reported to the CRD System together with a brief statement of the reason for such termination on Uniform Termination Notice for Securities Industry Registration ("Form U-5").

(8) Change in Options Principal

(A) Options Members having a single Options Principal are required promptly to notify the Exchange in the event such person is terminated, resigns,

becomes incapacitated or is otherwise unable to perform the duties of an Options Principal.

(B) Following receipt of such notification, the Exchange will require an Options Member to agree, in writing, to refrain from engaging in any options-related activities that would necessitate the prior or subsequent approval of an Options Principal including, among other things, the opening of new options accounts or the execution of discretionary orders for option contracts until such time as a new Options Principal has been qualified.

(C) Options Members failing to qualify a new Options Principal within two weeks following the loss of their sole Options Principal, or by the earliest available date for administration of the Options Principal examination, whichever is longer, shall be required to cease doing an options business; provided, however, that an Options Member may effect closing transactions in options to reduce or eliminate existing open options positions in their own account as well as the accounts of their customers.

Rule 17.3. Persons Associated with Options Members

Persons associated with Options Members shall be bound by the Exchange Rules and the Rules of the Clearing Corporation. The Exchange may discipline, suspend or terminate the registration with the Exchange of any person associated with an Options Member for violation of the Rules of the Exchange or the Rules of the Clearing Corporation.

Rule 17.4. Good Standing for Options Members

(a) To remain in good standing, all Options Members must:

(1) continue to satisfy the qualification requirements specified by the Exchange, as amended from time to time by the Exchange;

(2) comply with the Exchange Rules; and

(3) pay on a timely basis such participation, transaction and other fees as the Exchange and/or EDGX Options shall prescribe.

(b) The good standing of an Options Member may be suspended, terminated or otherwise withdrawn, as provided in Chapter VII (Suspension by Chief Regulatory Officer), if any of the conditions of Rules 17.2 or 17.3 are not met or the Options Member violates any of its agreements with the Exchange and/or EDGX Options or any of the provisions of the Exchange Rules.

(c) Unless an Options Member is in good standing, the Options Member shall have no rights or privileges of options participation except as otherwise provided by law or Rules, shall not hold himself or itself out for any purpose as an Options Member, and shall not deal with the Exchange and/or EDGX Options on any basis except as a non-Member.

CHAPTER XVIII. BUSINESS CONDUCT**Rule 18.1. Adherence to Law**

No Options Member shall engage in conduct in violation of the Exchange Act or Rules thereunder, the Exchange Rules 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 Options Member shall supervise persons associated with the Member to assure compliance therewith.

Rule 18.2. Conduct and Compliance with the Rules

(a) Each Options Member shall be responsible for ensuring that all arrangements made and systems used in connection with business conducted on EDGX Options, and the transaction of such business itself, comply with the Options Member's and associated persons' obligations under the Exchange Rules, the Rules of the Clearing Corporation and any other relevant laws, rules, interpretations and obligations. In accordance with the Rules and in connection with business conducted on EDGX Options, each Options Member shall:

(1) have adequate arrangements to ensure that all staff involved in the conduct of business on EDGX Options are suitable, adequately trained and properly supervised;

(2) be responsible for the acts and conduct of each associated person;

(3) establish its trading arrangements such that each Options Member is able to meet the requirements set out in Rule 18.1 and that all other relevant obligations contained in the Rules are complied with;

(4) implement suitable security measures such that only those individuals explicitly authorized by the Options Member to trade may gain access to passwords and security keys;

(5) ensure that any trading access granted to individuals (whether employees of the Options Member or otherwise), for example by way of order routing systems, is adequately controlled and supervised, including appropriate checks before any orders are submitted to the Trading System; and

(6) ensure that accurate information is input into the System, including, but not limited to, the Options Member's capacity.

Rule 18.3. Rumors

No Options Member or person associated with an Options 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 18.4. Prevention of the Misuse of Material Nonpublic Information

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

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

(1) trading in any securities issued by a corporation, or in any related securities or related options or other derivative securities, while in possession of material nonpublic information concerning that corporation;

(2) trading in an underlying security or related options or other derivative securities, while in possession of material nonpublic information concerning imminent transactions in the underlying security or related securities; and

(3) disclosing to another person any material nonpublic information involving a corporation whose shares are publicly traded or disclosing an imminent transaction in an underlying security or related securities for the purpose of facilitating the possible misuse of such material nonpublic information.

(c) Each Options Member shall establish, maintain and enforce the following policies and procedures as appropriate for the nature of each Options 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 Options 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 Options 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 Options Member for the purpose of detecting the possible misuse of material nonpublic information.

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

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

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

(f) It may be considered conduct inconsistent with just and equitable principles of trade for any Options Member or person associated with an Options Member who has knowledge of all material terms and conditions of:

(1) an order and a solicited order;

(2) an order being facilitated or submitted to EDGX Options for price improvement (e.g., Price Improving Orders); or

(3) 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 and conditions of the order and any changes in the terms and conditions of the order of which the Member or person associated with the Member has knowledge are disclosed, 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 Option Members when the order is entered into the EDGX Options Book. For purposes of this paragraph, an order to buy or sell a “related instrument” means, in reference to an index option, an order to buy or sell securities comprising 10% or more of the component securities in the index or an order to buy or sell a futures contract on an economically equivalent index.

Rule 18.5. Disciplinary Action by Other Organizations

Every Options Member shall promptly notify the Exchange in writing of any disciplinary action, including the basis therefore, taken by any national securities exchange or registered securities association, clearing corporation, commodity futures market or government regulatory body against the Options Member or its associated persons who are directly involved in derivatives trading, and shall similarly notify the Exchange of any disciplinary action taken by the Options Member itself against any of its associated persons who are directly involved in derivatives trading involving suspension, termination, the withholding of commissions or imposition of fines in excess of \$2,500, or any other significant limitation on activities.

Rule 18.6. Other Restrictions on Members

Whenever the Exchange shall find that an Options Member has failed to perform on 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, creditors or the Exchange, the Exchange may summarily suspend the Options Member in accordance with Chapter XXV (Discipline and Summary Suspensions) or may impose such conditions and restrictions upon the Options Member as the Exchange considers reasonably necessary for the protection of the Exchange, EDGX Options, and the Customers of such Options Member.

Rule 18.7. Position Limits

(a) No Options 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 Options Member has reason to believe that as a result of such transaction the Options Member or its Customer would, acting alone or in concert with others, directly or indirectly:

(1) exceed the applicable position limit fixed from time to time by the Chicago Board Options Exchange for any options contract traded on EDGX Options and the Chicago Board Options Exchange; or

(2) exceed the position limit fixed by EDGX Options from time to time for any options contract traded on EDGX Options but not traded on the Chicago Board Options Exchange; or

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

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

Rule 18.8. Exemptions from Position Limits

An Options Member may rely upon any available exemptions from applicable position limits granted from time to time by another options exchange for any options contract traded on EDGX Options provided that such Options Member (a) provides the Exchange with a copy of any written exemption issued by another options exchange or a written, description of any exemption issued by another options exchange other than in writing containing sufficient detail for the Exchange to verify the validity of that exemption with the issuing options exchange, and (b) fulfills all conditions precedent for such exemption and complies at all times with the requirements of such exemptions with respect to its trading on EDGX Options.

Rule 18.9. Exercise Limits

(a) No Options Member shall exercise, for any account in which it has an interest or for the account of any Customer, a long position in any options contract where such Options Member or Customer, acting alone or in concert with others, directly or indirectly, has or will have:

(1) exceeded the applicable exercise limit fixed from time to time by the Chicago Board Options Exchange for any options contract traded on EDGX Options and the Chicago Board Options Exchange;

(2) exceeded the exercise limit fixed by EDGX Options from time to time for any options contract traded on EDGX Options but not traded on the Chicago Board Options Exchange; or

(3) exceeded the applicable exercise limit fixed from time to time by another exchange for an options contract not traded on EDGX Options, when the Options Member is not an options member of the other exchange on which the transaction was effected.

(b) For an Options Market Maker that has been granted an exemption to position limits pursuant to Rule 18.8 (Exemption from Position Limits), the number of contracts which can be exercised over a five (5) business day period shall equal the Options Market Maker's exempted position.

Rule 18.10. Reports Related to Position Limits

(a) In a manner and form prescribed by the Exchange, each Options Member shall report to the Exchange the name, address, and social security or tax identification number of any customer who, acting alone, or in concert with others, on the previous business day maintained aggregate long or short positions on the same side of the market of 200 or more contracts of any single class of option contracts dealt in on the Exchange. The report shall indicate for each such class of options, the number of option contracts comprising each such position and, in the case of short positions, whether covered or uncovered.

(b) In addition to the reporting requirement described in paragraph (a) of this Rule, each Options Member (other than an Options Market Maker) that maintains a position in excess of 10,000 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 information as to whether such positions are hedged, and provide documentation as to how such contracts are hedged, in a manner and form prescribed by the Exchange. In addition, whenever the Exchange determines based on a report to the Exchange or otherwise, that a higher margin requirement is necessary in light of the risks associated with an under-hedged equity option position in excess of 10,000 contracts on the same side of the market, the Exchange may consider imposing additional margin upon the account maintaining such under-hedged position, pursuant to its authority under Rule 28.4 (Margin Required is Minimum). Additionally, it should be noted that the clearing firm 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.

(c) In addition to the reports required by paragraph (a) of this Rule, each Options Member shall report promptly to the Exchange any instance in which the Options Member has reason to believe that a customer, acting alone or in concert with others, has exceeded or is attempting to exceed the position limits established pursuant to Rule 18.7 (Position Limits).

(d) For purposes of this rule, the term “customer” in respect of any Options Member shall include the member, any general or special partner of the Options Member, any officer or director of the Options Member, or any participant, as such, in any joint, group or syndicate account with the Options Member or with any partner, officer or director thereof.

Rule 18.11. 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 options contracts or one or more classes or series traded on EDGX Options in excess of the applicable position limit established pursuant to Rule 18.7 (Position Limits), it may order all Options Members carrying a position in options 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 Options Member shall accept any order to purchase, sell or exercise any options 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 18.12. Other Restrictions on Options Transactions and Exercises

(a) EDGX Options may impose such restrictions on transactions or exercises in one or more series of options of any class traded on EDGX Options as the Exchange in its judgment deems advisable in the interests of maintaining a fair and orderly market in options 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 Options 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, other than index options, no restriction on exercise under this Rule may be in effect with respect to that series of options. With respect to index options, restrictions on exercise may be in effect until the opening of business on the last business day before the expiration date.

(3) Exercises of American-style, cash-settled index options shall be prohibited during any time when trading in such options is delayed, halted, or suspended, subject to the following exceptions:

(A) the exercise of an American-style, cash-settled index option may be processed and given effect in accordance with and subject to the Rules of the Clearing Corporation while trading in the option is delayed, halted, or suspended if it can be documented that the decision to exercise the option was made during allowable time frames prior to the delay, halt, or suspension;

(B) exercises of expiring American-style, cash-settled index options shall not be prohibited on the last business day prior to their expiration;

(C) exercises of American-style, cash-settled index options shall not be prohibited during a trading halt that occurs at or after 4:00 p.m. Eastern time. In the event of such a trading halt, exercises may occur through 4:20 p.m. Eastern time. In addition, if trading resumes following such a trading halt pursuant to the procedure described in Rule 20.4 (Resumption of Trading After a Halt), exercises may occur during the resumption of trading and for five (5) minutes after the close of the resumption of trading. The provisions of this subparagraph (a)(3)(C) are subject to the authority of the Exchange to impose restrictions on transactions and exercises pursuant to paragraph (a) of this Rule; and

(D) EDGX Options may determine to permit the exercise of American-style, cash settled index options while trading in such options is delayed, halted, or suspended.

(b) Whenever the issuer of a security underlying a call option traded on EDGX Options 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 EDGX Options 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:

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

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

(C) 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 listed above are met, the Exchange shall impose the requested restrictions as promptly as possible but no earlier than fifteen (15) minutes after the Options 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 paragraph (b) of this Rule, 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:

(A) 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

(B) 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 18.13. Mandatory Systems Testing

(a) Each Options 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 Options Members as required to participate in a system test based on: (1) the category of the Options Member (Market Maker and OEF); (2) the computer system(s) the Options Member uses; and (3) the manner in which the Options Member connects to the Exchange. The Exchange will give Options Members reasonable notice of any mandatory systems test, which notice will specify the nature of the test and Options Members’ obligations in participating in the test.

(b) Every Options 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. Options Members shall maintain adequate documentation of tests required by this Rule and results of such testing for examination by the Exchange.

(c) An Options Member 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 a summary suspension or other action taken pursuant to Chapter XXIV (Records, Reports and Audits) and/or a disciplinary action pursuant to Chapter VIII (Discipline).

Rule 18.14. Limit on Outstanding Uncovered Short Positions

(a) Whenever it is determined from the reports of uncovered short positions submitted pursuant to Rule 24.2 (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 options contracts of a given class traded on EDGX Options or that an excessively high percentage of outstanding short positions in options contracts of a given class traded on EDGX Options are uncovered, the Exchange may determine to prohibit Options Members from any further opening writing transactions on any exchange in options contracts of that class unless the resulting short position will be covered, and the Exchange 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 options contracts or in underlying securities.

(b) The Exchange may exempt transactions of Options Market Makers from restrictions imposed under this Rule. Such restrictions shall be rescinded upon a determination that they are no longer appropriate.

CHAPTER XIX. SECURITIES TRADED ON EDGX OPTIONS

Rule 19.1. Designation of Securities

Securities traded on EDGX Options are options contracts, each of which is designated by reference to the issuer of the underlying security, expiration month, exercise price and type (put or call).

Rule 19.2. Rights and Obligations of Holders and Writers

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

Rule 19.3. Criteria for Underlying Securities

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

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

(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 standards to be considered in evaluating potential underlying securities for EDGX Options 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 standards established by the Exchange does not necessarily mean that it will be selected as an underlying security. The Exchange may give consideration to maintaining diversity among various industries and issuers in selecting underlying securities. Notwithstanding the foregoing, 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 or Rules thereunder.

(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:

(A) if the underlying security is a “covered security” as defined under Section 18(b)(1)(A) of the Securities Act of 1933, the market price per share of the underlying security has been at least \$3.00 for the previous five 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

(B) 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.

(c) Securities of Restructured Companies

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

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

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

(C) “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.

(D) “Relevant Percentage” refers to either: (i) 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 (ii) 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” Standards. In determining whether a Restructure Security satisfies the share standard set forth in paragraph (b)(1) of this Rule (the “Share Standard”) or the number of holders standard set forth in paragraph (b)(2) of this Rule (the “Number of Shareholders Standard”), 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.

(A) The Exchange may assume that: (i) both the “Share” and “Number of Shareholders” Standards 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; and (ii) either such Standard 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 Standard in question.

(B) 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 Standard or Number of Shareholders Standard will not in fact be satisfied on an option’s intended listing date.

(C) 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 Standard or the Number of Shareholders Standard is satisfied based upon the Exchange’s knowledge of the outstanding shares or number of shareholders of the Original Equity Security.

(3) “Trading Volume” Standard. 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 standard set forth in Rule 19.3(b)(4) (the “Trading Volume Standard”), 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 (5) below.

(4) “Market Price” Standard. In determining whether a Restructure Security satisfies the market price history standard set forth in Rule 19.3(b)(5) (the “Market Price Standard”), the Exchange may consider the market price history of the Original Equity Security prior to the “ex-date” of the Restructuring Transaction if:

(A) the Restructure Security satisfies the “Substantiality Test” set forth in subparagraph (5) below; and

(B) in the case of the application of the Market Price Standard to a Restructure Security that is distributed pursuant to a public offering or a rights distribution: (i) 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 (ii) 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 19.3(b)(5)(A), the market price of the Restructure Security was at least \$3.00.

(5) The “Substantiality Test” A Restructure Security satisfies the “Substantiality Test” if:

(A) the Restructure Security has an aggregate market value of at least \$500 million; or

(B) at least one of the following conditions is met:

(i) the aggregate market value of the Restructure Security equals or exceeds the Relevant Percentage of the aggregate market value of the Original Equity Security;

(ii) 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

(iii) 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 either: (A) the issuer’s latest annual financial statements or (B) 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 paragraph (c) of this

Rule 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 options 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 upon 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 standards set forth in this Rule 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)

(A) 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,

(B) 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

(C) 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

(D) 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 standards set forth in this Rule 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 fund 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 (5) 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 the criteria of paragraph (i) shall be deemed appropriate for options trading if the SEC specifically authorizes the listing thereof.

(i) Securities deemed appropriate for options trading shall include shares or other securities (“Fund Shares”), including but not limited to Partnership Units as defined in this Rule, that are principally 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, and that hold portfolios of securities comprising or otherwise based on or representing investments in indexes or portfolios of securities (or that hold securities in one or more other registered investment companies that themselves hold such portfolios of securities) (“Funds”) and/or financial instruments including, but not limited to, stock index futures contracts, options on futures, options on securities and indexes, 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”) constituting or otherwise based on or representing an investment in an index or portfolio of securities and/or Financial Instruments and Money Market Instruments, or (2)

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 (3) represent interests in a trust or similar entity that holds a specified non- U.S. currency or currencies deposited with the trust or similar entity when aggregated in some specified minimum number may be surrendered to the trust 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 (4) represent interests in the SPDR Gold Trust or are issued by the iShares COMEX Gold Trust or iShares Silver Trust; provided that all of the following conditions are met:

(1) any non-U.S. component stocks of the index or portfolio on which the 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;

(2) stocks 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;

(3) stocks 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; and

(4) the Fund Shares either (A) meet the criteria and standards set forth in paragraphs (a) and (b) of this Rule above; or (B) the Fund Shares are available for creation or redemption each business day in cash or in kind from the investment company, commodity pool or other entity at a price related to net asset value, and the investment company, commodity pool or other entity is obligated to provide that Fund Shares may be created even if some or all of the securities and/or cash required to be deposited have not been received by the Fund, the unit investment trust or the management investment company, provided the authorized creation participant has undertaken to deliver the securities and/or cash 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 Fund, all as described in the Fund’s or unit trust’s prospectus.

(5) 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.

(6) For Currency Trust Shares, 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 derivatives (options or futures) on the specified non-U.S. currency, which are utilized by the national securities exchange where the underlying Currency Trust Shares 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 (A) meet the criteria and standards for underlying securities set forth in paragraph (b) to this Rule; or (B) 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) Notwithstanding the requirements set forth in paragraphs (b)(1), (b)(2), (b)(4), and (b)(5) above, options may be listed for trading on EDGX Options if:

(1) the underlying security meets the guidelines for continued listing in Rule 19.4 (Withdrawal of Approval of Underlying Securities); and

(2) options on such underlying security are listed and traded on at least one other national securities exchange.

The Exchange shall employ the same procedures to qualify underlying securities pursuant to this subsection (k) as it employs in qualifying underlying securities pursuant to other subsections of this Rule.

(l) Index-Linked Securities

(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:

(A) 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”);

(B) 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”);

(C) 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 this Rule), or a basket or index of any of the foregoing (“Currency Reference Asset”);

(D) 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”);

(E) Futures-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the performance of an index of (i) 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; or (ii) interest rate futures or options or derivatives on the foregoing in this subparagraph (ii) (“Futures Reference Asset”); and

(F) Multifactor Index-Linked Securities are securities that provide for the payment at maturity of a cash amount based on the 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 paragraph (1) of this Rule, 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)

(A) The Index-Linked Securities must meet the criteria and guidelines for underlying securities set forth in sub-section (b) of this Rule; or

(B) 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.

(m) “Partnership Unit” means a security (1) that is issued by a partnership that invests in any combination of futures contracts, options on futures contracts, forward contracts, commodities (as defined in Section 1(a)(4) of the Commodity Exchange Act) and/or securities; and (2) that is issued and redeemed daily in specified aggregate amounts at net asset value.

Rule 19.4. Withdrawal of Approval of Underlying Securities

(a) If put or call options contracts with respect to an underlying security are approved for listing and trading on EDGX Options, such approval shall continue in effect until such approval is affirmatively withdrawn by the Exchange. Whenever the Exchange determines that an underlying security previously approved for EDGX 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 shall not open for trading any additional series of options of the class covering that underlying security and shall prohibit any opening purchase transactions in series of options of that class previously opened 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 of publicly held principal amount, 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.

(b) 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 19.3 (Criteria for Underlying Securities), the trading volume of the Original 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 paragraph (b)(3) above 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 options 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 will 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 Options Member shall, prior to effecting any transaction in options 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 options 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 in Rule 19.3 (Criteria for Underlying Securities), 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: (A) at least thirty percent (30%) without regard to the average daily trading volume in the ADR, or (B) 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; or

(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 thereof.

(g) Fund Shares approved for options trading pursuant to Rule 19.3 (Criteria for Underlying Securities) 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 Fund Shares if the security is delisted from trading as provided in subparagraph (b)(4) of this Rule. In addition, the Exchange shall consider the suspension of opening transactions in any series of options of the class covering Fund Shares in any of the following circumstances:

(1) In the case of options covering Fund Shares approved pursuant to Rule 19.3(i)(4)(A), in accordance with the terms of subparagraphs (b)(1), (2) and (3) of this Rule;

(2) In the case of options covering Fund Shares approved pursuant to Rule 19.3(i)(4)(B), following the initial twelve-month period beginning upon the commencement of trading in the Fund Shares on a national securities exchange and are defined as NMS stock under Rule 600 of Regulation NMS, there were fewer than 50 record and/or beneficial holders of such Fund Shares for 30 consecutive days;

(3) the value of the index, non-U.S. currency, portfolio of commodities including commodity futures contracts, options on commodity futures contracts, swaps, forward contracts and/or options on physical commodities and/or Financial Instruments or Money Market Instruments, or portfolio of securities on which the 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 EDGX Options inadvisable.

(h) Securities initially approved for options trading pursuant to paragraph (j) of Rule 19.3 (Criteria for Underlying Securities) (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) of this Rule in the case of options covering Trust Issued Receipts when such options were approved pursuant to subparagraph (j)(1)(A) under Rule 19.3 (Criteria for Underlying Securities);

(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 consecutive 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 EDGX Options inadvisable.

(i) For Trust Issued Receipts approved for options trading pursuant to paragraph (j) of Rule 19.3 (Criteria for Underlying Securities) that are also Holding Company Depositary Receipts (“HOLDRs”), the Exchange will not open additional series of options overlying HOLDRs (without prior Commission 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.

(j) Index Linked Securities

Absent exceptional circumstances, Index-Linked Securities (“Securities”) initially approved for options trading pursuant to paragraph (l) of Rule 19.3 (Criteria for Underlying Securities) shall not be deemed to meet the Exchange’s requirements for continued approval, and the Exchange shall not open for trading any additional series or option contracts of the class covering such Securities whenever the underlying Securities are delisted and trading in the Securities is suspended on a national securities exchange, or the Securities are no longer an “NMS Stock” (as defined in Rule 600 of Regulation NMS under the Securities Exchange Act of 1934). In addition, the Exchange shall consider the suspension of opening transactions in any series of options of the class covering Index-Linked Securities in any of the following circumstances:

(1) the underlying Index-Linked Security fails to comply with the terms of paragraph (l) of Rule 19.3 (Criteria for Underlying Securities);

(2) in accordance with the terms of paragraph (b) of this Rule, in the case of options covering Index-Linked Securities when such options were approved pursuant to paragraph (l) of Rule 19.3 (Criteria for Underlying Securities), except that, in the case of options covering Index-Linked Securities approved pursuant to Rule 19.3(l)(3)(B) that are redeemable at the option of the holder at least on a weekly basis, then option contracts of the class covering such Securities may only continue to be open for trading

as long as the Securities are listed on a national securities exchange and are “NMS” stock as defined in Rule 600 of Regulation NMS;

(3) in the case of any Index-Linked Security trading pursuant to paragraph (1) of Rule 19.3 (Criteria for Underlying Securities), the value of the Reference Asset is no longer calculated; or

(4) such other event shall occur or condition exist that in the opinion of the Exchange make further dealing in such options on the Exchange inadvisable.

(k) Inadequate Volume Delisting.

Absent exceptional circumstances, a security initially approved for options trading may be deemed by the Exchange not to meet the requirements for continued approval, in which case the Exchange will not open for trading any additional series of equity option contracts of the class of options and may determine to delist the class of options if it meets the following criteria:

(1) the option has been trading on the Exchange not less than six (6) months; and

(2) the Exchange average daily volume (“ADV”) of the entire class of options over the last six (6) month period was less than twenty (20) contracts.

If the option is singly listed only on the Exchange, the Exchange will cease to add new series and may delist the class of options when there is no remaining open interest. Should the Exchange determine to delist an equity option pursuant to this subsection, it will provide notification of the determination to delist such option not less than three (3) days prior to the scheduled delisting date.

Rule 19.5. (Reserved.)

Rule 19.6. Series of Options Contracts Open for Trading

(a) After a particular class of options has been approved for listing and trading on EDGX Options by the Exchange, the Exchange from time to time may open for trading series of options in that class. Only options contracts in series of options currently open for trading may be purchased or written on EDGX Options. Prior to the opening of trading in a given series, the Exchange will fix the expiration month, year and exercise price of that series. For Quarterly Options Series and Short Term Option Series, the Exchange will fix a specific expiration date and exercise price, as provided in Interpretations and Policy .04 and .05, respectively.

(b) At the commencement of trading on EDGX Options of a particular class of options, EDGX Options will open a minimum of one (1) series of options in that class. The exercise price of the series will be fixed at a price per share, relative to the underlying stock price in the primary market at about the time that class of options is first opened for trading on EDGX Options.

(c) Additional series of options of the same class may be opened for trading on EDGX Options 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. New series of options on an individual stock may be added until the beginning of the month in which the options contract will expire. Due to unusual market conditions, the Exchange, in its discretion, may add a new series of options on an individual stock until five (5) business days prior to expiration.

(d) 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, except as provided in (d)(5) below.

(4) The interval between strike prices of series of options on Fund Shares approved for options trading pursuant to Rule 19.3(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 EDGX Options, or at such intervals as may have been established on another options exchange prior to the initiation of trading on EDGX Options.

(5) The Exchange may list series in intervals of \$5 or greater where the strike price is more than \$200 in up to five (5) option classes on individual stocks. The Exchange may list \$5 strike prices on any other option classes designated by other securities exchanges that employ a similar \$5 Strike Price Program.

(e) The Exchange will open at least one expiration month for each class of options open for trading on EDGX Options.

(f) The interval of strike prices may be \$2.50 in any multiply-traded option class to the extent permitted on EDGX Options by the SEC or once another exchange trading that option lists strike prices of \$2.50 on such options class.

(g) Notwithstanding the requirements set forth in this Rule 19.6 and any Interpretations and Policies thereto:

(i) During the expiration week of an option class that is selected for the Short Term Option Series Program pursuant to Interpretation and Policy .05 of this Rule 19.6 (“Short Term Option”), the strike price intervals for the related non-Short Term Option (“Related non-Short Term Option”) shall be the same as the strike price intervals for the Short Term Option.

(ii) During the week before the expiration week of a Short Term Option, the Exchange shall open the related non-Short Term Option for trading in Short Term Option intervals in the same manner permitted by Interpretation and Policy .05 of this Rule 19.6.

Interpretations and Policies

.01 The interval between strike prices of series of options on individual stocks may be \$2.50 or greater where the strike price is \$25 or less, provided however, that EDGX Options may not list \$2.50 intervals below \$50 (e.g. \$12.50, \$17.50) for any class included within the \$1 Strike Price Program, as detailed below in Interpretations and Policy .02, if the addition of \$2.50 intervals would cause the class to have strike price intervals that are \$0.50 apart. For series of options on Exchange-Traded Fund Shares that satisfy the criteria set forth in Rule 19.3(i), the interval of strike prices may be \$1 or greater where the strike price is \$200 or less or \$5 or greater where the strike price is over \$200. Exceptions to the strike price intervals above are set forth in Interpretations and Policies .02 and .03 below.

.02 The interval between strike prices of series of options on individual stocks may be:

(a) \$1.00 or greater (“\$1 Strike Prices”) provided the strike price is \$50 or less, but not less than \$1. The listing of \$1 strike prices shall be limited to option classes overlying no more than one hundred fifty (150) individual stocks (the “\$1 Strike Price Program”) as specifically designated by EDGX Options. EDGX Options may list \$1 Strike Prices on any other option classes if those classes are specifically designated by other national securities exchanges that employ a similar \$1 Strike Price Program under their respective rules.

(b) To be eligible for inclusion into the \$1 Strike Price Program, an underlying security must close below \$50 in the primary market on the previous trading day. After a security is added to the \$1 Strike Price Program, EDGX Options may list \$1 Strike Prices from \$1 to \$50 that are no more than \$5 from the closing price of the underlying on the preceding day. For example, if the underlying security closes at \$13, EDGX Options may list strike prices from \$8 to \$18. EDGX Options may not list series with \$1 intervals within \$0.50 of an existing strike price in the same series, except that strike prices of \$2, \$3, \$4, \$5 and \$6 shall be permitted within \$0.50 of an existing strike price for classes also selected to participate in the \$0.50 Strike Program. Additionally, for an option class selected for the \$1 Strike Price Program, EDGX Options may not list \$1 Strike Prices on any series having greater than nine (9) months until expiration.

A security shall remain in the \$ 1 Strike Price Program until otherwise designated by EDGX Options.

(c) Delisting Policy. For options classes selected to participate in the \$1 Strike Program, the Exchange will, on a monthly basis, review series that were originally listed under the \$1 Strike 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: (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. If the Exchange identifies series for delisting pursuant to this policy, the Exchange shall notify other options exchanges with similar delisting policies regarding the 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.

Notwithstanding the above delisting policy, the Exchange may grant member requests to add strikes and/or maintain strikes in series of options classes traded pursuant to the \$1 Strike Program that are eligible for delisting.

.03

(a) The options exchanges may select up to 200 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 200 options classes are selected by the various options exchanges pursuant to any agreement mutually agreed to by the individual exchanges and approved by the Commission. The strike price interval may be \$2.50 in any multiply traded option once another exchange trading that option selects such option, as part of this program.

(b) In addition, on any option class that has been selected as part of the \$2.50 Strike Price Program pursuant to paragraph (a) above, the Exchange may list \$2.50 strike prices between \$50 and \$75, provided the \$2.50 strike prices between \$50 and \$75 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 option class has been selected as part of \$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.

(c) An option class shall remain in the \$2.50 Strike Price Program until otherwise designated by the Exchange and a decertification notice is sent to the Options Clearing Corporation.

.04 Quarterly Options Series Program: The Exchange may list and trade P.M. settled options series that expire at the close of business on the last business day of a calendar quarter ("Quarterly Options Series"). The Exchange may list Quarterly Options Series for up to five (5) currently listed options classes that are either index options or options on exchange traded funds ("ETF"). 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) 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 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.

(c) 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 “Fund Shares”) as defined in Rule 19.3(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. Options 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.

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

(e) Delisting Policy. With respect to Quarterly Options Series added pursuant to the above paragraphs, the Exchange will, on a monthly basis review series that are outside of a range of five (5) strikes above and five (5) strikes below the current price of the ETF, and delist series with no open interest in both the call and the put series having a (1) strike higher than the highest 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 the call series for a given expiration month.

Notwithstanding the above referenced delisting policy, customer requests to add strikes and/or maintain strikes in Quarterly Options Series eligible for delisting shall be granted. In connection with the above referenced delisting policy, if the Exchange identifies series for delisting, the Exchange shall notify other option 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 help to ensure uniform delisting of multiply listed Quarterly Options Series in ETF options.

.05 After an option class has been approved for listing and trading on EDGX Options, 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 each of the next five (5) Fridays that are business days and are not Fridays in which monthly options series or Quarterly

Options Series expire (“Short Term Option Expiration Dates”). The Exchange may have no more than a total of five Short Term Option Expiration Dates. If EDGX Options 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 EDGX Options is not open for business on the Friday that the options are set to expire, the Short Term Option Expiration Date will be the first business day immediately prior to that Friday. Regarding Short Term Option Series.

(a) The Exchange may select up to fifty (50) currently listed option classes on which Short Term Option Series may be opened on any Short Term Option Opening Date. In addition to the 50 option class restriction, the Exchange also may list Short Term Option Series on any option classes that are selected by other securities exchanges that employ a similar program under their respective rules. For each option class eligible for participation in the Short Term Option Series Program, the Exchange may open up to thirty (30) Short Term Option Series for each expiration date in that class. The Exchange may also open Short Term Option Series that are opened by other securities exchanges in option classes selected by such exchanges under their respective short term option rules.

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

(c) Initial Series. The Exchange may open up to thirty (30) 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 being opened above and below the calculated value of the underlying security at about the time that the Short Term Option Series are initially opened for trading on the Exchange (e.g., if seven (7) series are initially opened, there will be at least three (3) strike prices above and three (3) strike prices below the value of the underlying security). Any strike prices listed by the Exchange shall be reasonably close to the price of the underlying equity security and within the following parameters: (i) if the price of the underlying is less than or equal to \$20, strike prices shall be not more than 100% above or below the price of the underlying security; and (ii) if the price of the underlying security is greater than \$20, strike prices shall be not more than fifty (50%) above or below the price of the underlying security.

(d) Additional Series. If the Exchange opens less than thirty (30) Short Term Option Series for a Short Term Option Expiration Date, additional series may be opened for trading on the Exchange when the Exchange deems it necessary to maintain an orderly market, to meet customer demand, or when the 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 reasonably close to the price of the underlying equity security and within the following parameters: (i) if the price of the underlying is less than or equal to \$20, strike prices shall be not more than 100% above or below the price of the underlying security; and (ii) if the price of the underlying security is greater than \$20, strike prices shall be not more than fifty (50%) above or below the price of the underlying security. The Exchange may also open additional strike prices of Short Term Option Series that are more than 50% above or below the

current value of the underlying security (if the price is greater than \$20); provided that demonstrated customer interest exists for such series, as expressed by institutional, corporate or individual customers or their brokers, provided that such strike prices comply with the Options Listing Procedures Plan. Market-Makers trading for their own account shall not be considered when determining customer interest under this provision. The opening of the new Short Term Option Series shall not affect the series of options of the same class previously opened. In the event that the underlying security has moved such that there are no series that are at least 10% above or below the current price of the underlying security and all existing series have open interest, the Exchange may list additional series, in excess of the thirty series per class limit set forth in paragraph (c) above, that are between 10% and 30% above or below the price of the underlying security. In the event that the underlying security has moved such that there are no series that are at least 10% above or below the current price of the underlying security, the Exchange will delist any series with no open interest in both the call and the put series having a: (i) strike higher than the highest price with open interest in the put and/or call series for a given expiration week; and (ii) strike lower than the lowest strike price with open interest in the put and/or the call series for a given expiration week. Notwithstanding any other provisions in this Rule 19.6, Short Term Options Series may be added up to and including on the Short Term Option Expiration Date for that option series.

(e) Strike Interval. 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. During the expiration week of an option class that is selected for the Short Term Option Series Program pursuant to this rule ("Short Term Option"), the strike price intervals for the related non-Short Term Option ("Related non-Short Term Option") shall be the same as the strike price intervals for the Short Term Option. If the class does not trade in \$1 strike price intervals, the strike price interval for Short Term Option Series may be (i) \$0.50 or greater where the strike price is less than \$75; (ii) \$1.00 or greater where the strike price is between \$75 and \$150; or (iii) \$2.50 or greater for strike prices greater than \$150. During the week before the expiration week of a Short Term Option, the Exchange shall open the related non-Short Term Option for trading in Short Term Option intervals in the same manner permitted by this Interpretation and Policy .05.

(f) Notwithstanding the requirements set forth in this Rule 19.6 and any Interpretations and Policies thereto, the Exchange may open for trading Short Term Option Series on the Short Term Option Opening Date that expire on the Short Term Option Expiration Date at \$0.50 strike price intervals for option classes that trade in one dollar increments and are in the Short Term Option Series Program.

.06 The interval between strike prices of series of options on individual stocks may be \$0.50 or greater beginning at \$.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 EDGX Options.

EDGX Options 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 EDGX Options.

.07 Mini Options Contracts

(a) After an option class on a stock, Exchange-Traded Fund Share, Trust Issued Receipt, Exchange Traded Note, and other Index Linked Security with a 100 share deliverable has been approved for listing and trading on the Exchange, series of option contracts with a 10 share deliverable on that stock, Exchange-Traded Fund Share, Trust Issued Receipt, Exchange Traded Note, and other Index Linked Security may be listed for all expirations opened for trading on the Exchange. Mini Option contracts may currently be listed on SPDR S&P 500 (“SPY”), Apple Inc. (“AAPL”), SPDR Gold Trust (“GLD”), Google Inc. (“GOOG”), and Amazon.com Inc. (“AMZN”).

(b) Strike prices for Mini Options shall be set at the same level as for regular options. For example, a call series strike price to deliver 10 shares of stock at \$125 per share has a total deliverable value of \$1250 and the strike price will be set at 125.

(c) No additional series of Mini Options may be added if the underlying security is trading at \$90 or less. The underlying security must trade above \$90 for five consecutive days prior to listing Mini Options contracts in an additional expiration month.

(d) The minimum trading increment for Mini Options shall be the same as the minimum trading increment permitted for standard options on the same underlying security. For example, if a security participates in the Penny Pilot Program, Mini Options in the same underlying security may be quoted and traded in the same minimum increments, e.g., \$0.01 for all quotations in series that are quoted at less than \$3 per contract and \$0.05 for all quotations in series that are quoted at \$3 per contract or greater, \$0.01 for all SPY option series.

Rule 19.7. Adjustments

Options contracts shall be subject to adjustments in accordance with the Rules of the Clearing Corporation. The Exchange will announce adjustments, and such changes will be effective for all subsequent transactions in that series at the time specified in the announcement.

Rule 19.8. Long-Term Options Contracts

(a) Notwithstanding conflicting language in Rule 19.6 (Series of Options Contracts Open for Trading), the Exchange may list long-term options 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 options 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 XX. REGULATION OF TRADING ON EDGX OPTIONS**Rule 20.1. Access to and Conduct on the EDGX Options Market****(a) Access to EDGX Options.**

Unless otherwise provided in the Rules, no one but an Options Member or a person associated with an Options Member shall effect any EDGX Options Transactions.

(b) EDGX Options Conduct.

Options Members and persons employed by or associated with any Options Member, while using the facilities of EDGX Options, 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 shall violate the provisions of this paragraph (b) include, but are not limited to, the following:

(1) failure of an Options Market Maker to provide quotations in accordance with Rule 22.6 (Market Maker Quotations);

(2) failure of an Options Market Maker to bid or offer within the ranges specified by Rule 22.5 (Obligations of Market Makers);

(3) failure of an Options Member to supervise a person employed by or associated with such Member adequately to ensure that person's compliance with this paragraph (b);

(4) failure to maintain adequate procedures and controls that permit the Options Member to effectively monitor and supervise the entry of orders by users to prevent the prohibited practices set forth in this paragraph (b) and Rule 18.2 (Conduct and Compliance with the Rules);

(5) failure to abide by a determination of the Exchange;

(6) effecting transactions that are manipulative as provided in Rule 12.1 (Market Manipulation) or any other rule of the Exchange;

(7) refusal to provide information requested by the Exchange; and

(8) failure to abide by the provisions of Rule 22.12.

(c) Subject to the Rules, the Exchange will provide access to the Trading System to Options Members in good standing that wish to conduct business on EDGX Options.

(d) Pursuant to the Rules and the arrangements referred to in this Chapter XX, the Exchange may:

(1) suspend an Option Member's access to the Trading System following a warning which may be made in writing or verbally (and subsequently confirmed in writing); or

(2) terminate an Option Member's access to the Trading System by notice in writing.

Rule 20.2. Surveillance

Personnel from the Exchange shall monitor and surveil options trading on EDGX Options in order to ensure the maintenance of a fair and orderly market.

Rule 20.3. Trading Halts

(a) Halts.

The Exchange may halt trading in any option contract in the interests of a fair and orderly market. The following are among the factors that shall be considered in determining whether the trading in an option contract should be halted:

(1) trading in the underlying security has been halted or suspended in the primary market;

(2) the opening of such underlying security has been delayed because of unusual circumstances;

(3) occurrence of an act of God or other event outside the Exchange's control;

(4) a Trading System technical failure or failures including, but not limited to, the failure of a part of the central processing system, a number of Options Member trading applications, or the electrical power supply to the system itself or any related system; or

(5) other unusual conditions or circumstances are present.

(b) In the event the Exchange determines to halt trading, all trading in the effected class or classes of options shall be halted and all orders will be cancelled unless a User has entered instructions not to cancel its orders. EDGX Options shall disseminate through its trading facilities and over OPRA a symbol with respect to such class or classes of options indicating that trading has been halted. A record of the time and duration of the halt shall be made available to vendors.

(c) No Options Member or person associated with an Options Member shall effect a trade on EDGX Options in any options class in which trading has been halted under the provisions of this Rule during the time in which the halt remains in effect.

Interpretations and Policies

.01 The Exchange shall nullify any transaction that occurs:

- (a) during a trading halt in the affected option on the Exchange; or
- (b) with respect to equity options (including options overlying ETFs), during a trading halt on the primary listing market for the underlying security.

Rule 20.4. Resumption of Trading After a Halt

Trading in an option that has been the subject of a halt under Rule 20.3 (Trading Halts) shall be resumed as described in Rule 21.7 upon the determination by the Exchange that the conditions which led to the halt are no longer present or that the interests of a fair and orderly market are best served by a resumption of trading.

Rule 20.5. Unusual Market Conditions

(a) EDGX Options staff may determine that the level of trading activities or the existence of unusual market conditions is such that EDGX Options 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 EDGX Options. Upon making such a determination, the Exchange shall designate the market in such option to be “fast,” and the Exchange shall halt trading in the class or classes so affected.

(b) The Exchange will monitor the activity or conditions that caused a fast market to be declared, and shall review the condition of such market at least every thirty (30) minutes. Regular trading procedures shall be resumed when the Exchange determines that the conditions supporting a fast market declaration no longer exist.

(c) The Exchange shall halt trading in all options whenever a market wide trading halt is initiated on the New York Stock Exchange (commonly known as a “circuit breaker”) in response to extraordinary market conditions.

Rule 20.6. Nullification and Adjustment of Options Transactions including Obvious Errors

The Exchange may nullify a transaction or adjust the execution price of a transaction in accordance with this Rule. However, the determination as to whether a trade was executed at an erroneous price may be made by mutual agreement of the affected parties to a particular transaction. A trade may be nullified or adjusted on the terms that all parties to a particular transaction agree, provided, however, that such agreement to nullify or adjust must be conveyed to the Exchange in a manner prescribed by the Exchange prior to 8:30 a.m. Eastern Time on the first trading day following the execution. It is considered conduct inconsistent with just and equitable principles of trade for any Member to use the mutual adjustment process to circumvent any applicable Exchange rule, the Act or any of the rules and regulations thereunder.

- (a) Definitions.

(1) Customer. For purposes of this Rule, a Customer shall not include any broker-dealer or Professional Customer.

(2) Erroneous Sell/Buy Transaction. For purposes of this Rule, 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.

(3) Official. For purposes of this Rule, an Official is an Officer of the Exchange or such other employee designee of the Exchange that is trained in the application of this Rule.

(4) Size Adjustment Modifier. For purposes of this Rule, the Size Adjustment Modifier will be applied to individual transactions as follows:

<u>Number of Contracts per Execution</u>	<u>Adjustment – TP Plus/Minus</u>
<u>1-50</u>	<u>N/A</u>
<u>51-250</u>	<u>2 times adjustment amount</u>
<u>251-1000</u>	<u>2.5 times adjustment amount</u>
<u>1001 or more</u>	<u>3 times adjustment amount</u>

(b) Theoretical Price. Upon receipt of a request for review and prior to any review of a transaction execution price, the “Theoretical Price” for the option must be determined. For purposes of this Rule, if the applicable option series is traded on at least one other options exchange, then the Theoretical Price of an option series is the last NBB just prior to the trade in question with respect to an erroneous sell transaction or the last NBO just prior to the trade in question with respect to an erroneous buy transaction unless one of the exceptions in subparagraphs (b)(1) through (3) below exists. For purposes of this provision, when a single order received by the Exchange is executed at multiple price levels, the last NBB and last NBO just prior to the trade in question would be the last NBB and last NBO just prior to the Exchange’s receipt of the order.

(1) Transactions at the Open. For a transaction occurring as part of the Opening Process (as defined in Rule 21.7) the Exchange will determine the Theoretical Price if there is no NBB or NBO for the affected series just prior to the erroneous transaction or if the bid/ask differential of the NBB and NBO just prior to the erroneous transaction is equal to or greater than the Minimum Amount set forth in the chart contained in sub-paragraph (b)(3) below. If the bid/ask differential is less than the Minimum Amount, the Theoretical Price is the NBB or NBO just prior to the erroneous transaction.

(2) No Valid Quotes. The Exchange will determine the Theoretical Price if there are no quotes or no valid quotes for comparison purposes. Quotes that are not

valid are all quotes in the applicable option series published at a time where the last NBB is higher than the last NBO in such series (a “crossed market”), quotes published by the Exchange that were submitted by either party to the transaction in question, and quotes published by another options exchange against which the Exchange has declared self-help.

(3) *Wide Quotes.* The Exchange will determine the Theoretical Price if the bid/ask differential of the NBB and NBO for the affected series just prior to the erroneous transaction was equal to or greater than the Minimum Amount set forth below and there was a bid/ask differential less than the Minimum Amount during the 10 seconds prior to the transaction. If there was no bid/ask differential less than the Minimum Amount during the 10 seconds prior to the transaction then the Theoretical Price of an option series is the last NBB or NBO just prior to the transaction in question, as set forth in paragraph (b) above.

<u>Bid Price at Time of Trade</u>	<u>Minimum Amount</u>
<u>Below \$2.00</u>	<u>\$0.75</u>
<u>\$2.00 to \$5.00</u>	<u>\$1.25</u>
<u>Above \$5.00 to \$10.00</u>	<u>\$1.50</u>
<u>Above \$10.00 to \$20.00</u>	<u>\$2.50</u>
<u>Above \$20.00 to \$50.00</u>	<u>\$3.00</u>
<u>Above \$50.00 to \$100.00</u>	<u>\$4.50</u>
<u>Above \$100.00</u>	<u>\$6.00</u>

(c) Obvious Errors.

(1) *Definition.* For purposes of this Rule, an Obvious Error will be deemed to have occurred when the Exchange receives a properly submitted filing where 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 amount shown below:

<u>Theoretical Price</u>	<u>Minimum Amount</u>
<u>Below \$2.00</u>	<u>\$0.25</u>
<u>\$2.00 to \$5.00</u>	<u>\$0.40</u>
<u>Above \$5.00 to \$10.00</u>	<u>\$0.50</u>
<u>Above \$10.00 to \$20.00</u>	<u>\$0.80</u>
<u>Above \$20.00 to \$50.00</u>	<u>\$1.00</u>
<u>Above \$50.00 to \$100.00</u>	<u>\$1.50</u>
<u>Above \$100.00</u>	<u>\$2.00</u>

(2) *Time Deadline.* A party that believes that it participated in a transaction that was the result of an Obvious Error must notify the Exchange’s Trade Desk in the

manner specified from time to time by the Exchange in a circular distributed to Members. Such notification must be received by the Exchange's Trade Desk within the timeframes specified below:

(A) *Customer Orders.* For an execution of a Customer order, a filing must be received by the Exchange within thirty (30) minutes of the execution, subject to sub-paragraph (C) below; and

(B) *"Non-Customer" Orders.* For an execution of any order other than a Customer order, a filing must be received by the Exchange within fifteen (15) minutes of the execution, subject to sub-paragraph (C) below.

(C) *Linkage Trades.* Any other options exchange will have a total of forty-five (45) minutes for Customer orders and thirty (30) minutes for non-Customer orders, measured from the time of execution on the Exchange, to file with the Exchange for review of transactions routed to the Exchange from that options exchange and executed on the Exchange ("linkage trades"). This includes filings on behalf of another options exchange filed by a third-party routing broker if such third-party broker identifies the affected transactions as linkage trades. In order to facilitate timely reviews of linkage trades the Exchange will accept filings from either the other options exchange or, if applicable, the third-party routing broker that routed the applicable order(s). The additional fifteen (15) minutes provided with respect to linkage trades shall only apply to the extent the options exchange that originally received and routed the order to the Exchange itself received a timely filing from the entering participant (i.e., within 30 minutes if a Customer order or 15 minutes if a non-Customer order).

(3) *Official Acting on Own Motion.* An Official may review a transaction believed to be erroneous on his/her own motion in the interest of maintaining a fair and orderly market and for the protection of investors. A transaction reviewed pursuant to this paragraph may be nullified or adjusted only if it is determined by the Official that the transaction is erroneous in accordance with the provisions of this Rule, provided that the time deadlines of sub-paragraph (c)(2) above shall not apply. The Official shall act as soon as possible after becoming aware of the transaction, and ordinarily would be expected to act on the same day that the transaction occurred. In no event shall the Official act later than 8:30 a.m. Eastern Time on the next trading day following the date of the transaction in question. A party affected by a determination to nullify or adjust a transaction pursuant to this provision may appeal such determination in accordance with paragraph (1) below; however, a determination by an Official not to review a transaction or determination not to nullify or adjust a transaction for which a review was conducted on an Official's own motion is not appealable. If a transaction is reviewed and a determination is rendered pursuant to another provision of this Rule, no additional relief may be granted under this provision.

(4) Adjust or Bust. If it is determined that an Obvious Error has occurred, the Exchange shall take one of the actions listed below. Upon taking final action, the Exchange shall promptly notify both parties to the trade electronically or via telephone.

(A) Non-Customer Transactions. Where neither party to the transaction is a Customer, the execution price of the transaction will be adjusted by the Official pursuant to the table below. Any non-Customer Obvious Error exceeding 50 contracts will be subject to the Size Adjustment Modifier defined in sub-paragraph (a)(4) above.

<u>Theoretical Price (TP)</u>	<u>Buy Transaction Adjustment – TP Plus</u>	<u>Sell Transaction Adjustment – TP Minus</u>
<u>Below \$3.00</u>	<u>\$0.15</u>	<u>\$0.15</u>
<u>At or above \$3.00</u>	<u>\$0.30</u>	<u>\$0.30</u>

(B) Customer Transactions. Where at least one party to the Obvious Error is a Customer, the trade will be nullified, subject to sub-paragraph (C) below.

(C) If any Member submits requests to the Exchange for review of transactions pursuant to this rule, and in aggregate that Member has 200 or more Customer transactions under review concurrently and the orders resulting in such transactions were submitted during the course of 2 minutes or less, where at least one party to the Obvious Error is a non-Customer, the Exchange will apply the non-Customer adjustment criteria set forth in sub-paragraph (A) above to such transactions.

(d) Catastrophic Errors.

(1) Definition. For purposes of this Rule, 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 amount shown below:

<u>Theoretical Price</u>	<u>Minimum Amount</u>
<u>Below \$2.00</u>	<u>\$0.50</u>
<u>\$2.00 to \$5.00</u>	<u>\$1.00</u>
<u>Above \$5.00 to \$10.00</u>	<u>\$1.50</u>
<u>Above \$10.00 to \$20.00</u>	<u>\$2.00</u>
<u>Above \$20.00 to \$50.00</u>	<u>\$2.50</u>
<u>Above \$50.00 to \$100.00</u>	<u>\$3.00</u>
<u>Above \$100.00</u>	<u>\$4.00</u>

(2) Time Deadline. A party that believes that it participated in a transaction that was the result of a Catastrophic Error must notify the Exchange's Trade Desk in the manner specified from time to time by the Exchange in a circular distributed to Members. Such notification must be received by the Exchange's Trade Desk by 8:30 a.m. Eastern Time on the first trading day following the execution. For transactions in an expiring options series that take place on an expiration day, a party must notify the Exchange's Trade Desk within 45 minutes after the close of trading that same day.

(3) Adjust or Bust. If it is determined that a Catastrophic Error has occurred, the Exchange shall take action as set forth below. Upon taking final action, the Exchange shall promptly notify both parties to the trade electronically or via telephone. In the event of a Catastrophic Error, the execution price of the transaction will be adjusted by the Official pursuant to the table below. Any Customer order subject to this sub-paragraph will be nullified if the adjustment would result in an execution price higher (for buy transactions) or lower (for sell transactions) than the Customer's limit price.

<u>Theoretical Price (TP)</u>	<u>Buy Transaction Adjustment – TP Plus</u>	<u>Sell Transaction Adjustment – TP Minus</u>
<u>Below \$2.00</u>	<u>\$0.50</u>	<u>\$0.50</u>
<u>\$2.00 to \$5.00</u>	<u>\$1.00</u>	<u>\$1.00</u>
<u>Above \$5.00 to \$10.00</u>	<u>\$1.50</u>	<u>\$1.50</u>
<u>Above \$10.00 to \$20.00</u>	<u>\$2.00</u>	<u>\$2.00</u>
<u>Above \$20.00 to \$50.00</u>	<u>\$2.50</u>	<u>\$2.50</u>
<u>Above \$50.00 to \$100.00</u>	<u>\$3.00</u>	<u>\$3.00</u>
<u>Above \$100.00</u>	<u>\$4.00</u>	<u>\$4.00</u>

(e) Significant Market Events.

(1) Definition. For purposes of this Rule, a Significant Market Event will be deemed to have occurred when: criterion (A) below is met or exceeded or the sum of all applicable event statistics, where each is expressed as a percentage of the relevant threshold in criteria (A) through (D) below, is greater than or equal to 150% and 75% or more of at least one category is reached, provided that no single category can contribute more than 100% to the sum and any category contributing more than 100% will be rounded down to 100%. All criteria set forth below will be measured in aggregate across all exchanges.

(A) Transactions that are potentially erroneous would result in a total Worst-Case Adjustment Penalty of \$30,000,000, where the Worst-Case Adjustment Penalty is computed as the sum, across all potentially erroneous trades, of:

(i) \$0.30 (i.e., the largest Transaction Adjustment value listed in sub-paragraph (e)(3)(A) below); times

(ii) the contract multiplier for each traded contract; times

(iii) the number of contracts for each trade; times

(iv) the appropriate Size Adjustment Modifier for each trade, if any, as defined in sub-paragraph (e)(3)(A) below.

(B) Transactions involving 500,000 options contracts are potentially erroneous;

(C) Transactions with a notional value (i.e., number of contracts traded multiplied by the option premium multiplied by the contract multiplier) of \$100,000,000 are potentially erroneous;

(D) 10,000 transactions are potentially erroneous.

(2) Coordination with Other Options Exchanges. To ensure consistent application across options exchanges, in the event of a suspected Significant Market Event, the Exchange shall initiate a coordinated review of potentially erroneous transactions with all other affected options exchanges to determine the full scope of the event. When this paragraph is invoked, the Exchange will promptly coordinate with the other options exchanges to determine the appropriate review period as well as select one or more specific points in time prior to the transactions in question and use one or more specific points in time to determine Theoretical Price. Other than the selected points in time, if applicable, the Exchange will determine Theoretical Price in accordance with paragraph (b) above.

(3) Adjust or Bust. If it is determined that a Significant Market Event has occurred then, using the parameters agreed as set forth in sub-paragraph (e)(2) above, if applicable, an Official will determine whether any or all transactions under review qualify as Obvious Errors. The Exchange shall take one of the actions listed below with respect to all transactions that qualify as Obvious Errors pursuant to sub-paragraph (c)(1) above. Upon taking final action, the Exchange shall promptly notify both parties to the trade electronically or via telephone.

(A) The execution price of each affected transaction will be adjusted by an Official to the price provided below unless both parties agree to adjust the transaction to a different price or agree to bust the trade. In the context of a Significant Market Event, any error exceeding 50 contracts will be subject to the Size Adjustment Modifier defined in sub-paragraph (a)(4) above.

<u>Theoretical Price</u>	<u>Buy Transaction</u>	<u>Sell Transaction</u>
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<u>(TP)</u>	<u>Adjustment – TP Plus</u>	<u>Adjustment – TP Minus</u>
<u>Below \$3.00</u>	<u>\$0.15</u>	<u>\$0.15</u>
<u>At or above \$3.00</u>	<u>\$0.30</u>	<u>\$0.30</u>

(B) Where at least one party to the transaction is a Customer, the trade will be nullified if the adjustment would result in an execution price higher (for buy transactions) or lower (for sell transactions) than the Customer’s limit price.

(4) Nullification of Transactions. If the Exchange, in consultation with other options exchanges, determines that timely adjustment is not feasible due to the extraordinary nature of the situation, then the Exchange will nullify some or all transactions arising out of the Significant Market Event during the review period selected by the Exchange and other options exchanges consistent with this paragraph. To the extent the Exchange, in consultation with other options exchanges, determines to nullify less than all transactions arising out of the Significant Market Event, those transactions subject to nullification will be selected based upon objective criteria with a view toward maintaining a fair and orderly market and the protection of investors and the public interest.

(5) Final Rulings. With respect to rulings made pursuant to this paragraph, the number of affected transactions is such that immediate finality is necessary to maintain a fair and orderly market and to protect investors and the public interest. Accordingly, rulings by the Exchange pursuant to this paragraph are non-appealable.

(f) Trading Halts. The Exchange shall nullify any transaction that occurs during a trading halt in the affected option on the Exchange pursuant to Rule 20.3.

(g) Erroneous Print in Underlying. A trade resulting from an erroneous print(s) disseminated by the underlying market that is later nullified by that underlying market shall be adjusted or busted as set forth in sub-paragraph (c)(4) of this Rule, provided a party notifies the Exchange’s Trade Desk in a timely manner as set forth below. For purposes of this paragraph, a trade resulting from an erroneous print(s) shall mean any options trade executed during a period of time for which one or more executions in the underlying security are nullified and for one second thereafter. If a party believes that it participated in an erroneous transaction resulting from an erroneous print(s) pursuant to this paragraph it must notify the Exchange’s Trade Desk within the timeframes set forth in sub-paragraph (c)(2) above, with the allowed notification timeframe commencing at the time of notification by the underlying market(s) of nullification of transactions in the underlying security. If multiple underlying markets nullify trades in the underlying security, the allowed notification timeframe will commence at the time of the first market’s notification.

(h) Erroneous Quote in Underlying. A trade resulting from an erroneous quote(s) in the underlying security shall be adjusted or busted as set forth in sub-paragraph (c)(4) this Rule, provided a party notifies the Exchange’s Trade Desk in a timely manner as set forth below. An erroneous quote occurs when the underlying security has a width of at least \$1.00 and has a

width 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 purposes of this paragraph, 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(s) in question) and dividing by the number of quotes during such time period (excluding the quote(s) in question). If a party believes that it participated in an erroneous transaction resulting from an erroneous quote(s) pursuant to this paragraph it must notify the Exchange's Trade Desk in accordance with sub-paragraph (c)(2) above.

(i) *Stop (and Stop-Limit) Order Trades Triggered by Erroneous Trades.* Transactions resulting from the triggering of a stop or stop-limit order by an erroneous trade in an option contract shall be nullified by the Exchange, provided a party notifies the Exchange's Trade Desk in a timely manner as set forth below. If a party believes that it participated in an erroneous transaction pursuant to this paragraph it must notify the Exchange's Trade Desk within the timeframes set forth in sub-paragraph (c)(2) above, with the allowed notification timeframe commencing at the time of notification of the nullification of transaction(s) that triggered the stop or stop-limit order.

(j) *Linkage Trades.* If the Exchange routes an order pursuant to the Plan (as defined in Rule 27.1(17)) that results in a transaction on another options exchange (a "Linkage Trade") and such options exchange subsequently nullifies or adjusts the Linkage Trade pursuant to its rules, the Exchange will perform all actions necessary to complete the nullification or adjustment of the Linkage Trade.

(k) *Verifiable Disruptions or Malfunctions of Exchange Systems.*

(1) Transactions arising out of a "verifiable disruption or malfunction" in the use or operation of any Exchange automated quotation, dissemination, execution, or communication system may either be nullified or adjusted by an Official. Transactions that qualify for price adjustment will be adjusted to Theoretical Price, as defined in paragraph (b) above.

(2) Absent extraordinary circumstances, any such action of an Official pursuant to this paragraph (k) shall be initiated within sixty (60) minutes of the occurrence of the erroneous transaction that resulted from a verifiable disruption or malfunction. Each Options Member involved in the transaction shall be notified as soon as practicable.

(3) Any Options Member aggrieved by the action of an Official taken pursuant to paragraph (k)(1) above, may appeal such action in accordance with the provision of paragraph (l) below.

(l) *Appeals.*

If an Options Member affected by a determination made under this Rule so requests within the time permitted below, the Obvious Error Panel (“Obvious Error Panel”) will review decisions made by the Official under this Rule, including whether an obvious error occurred and whether the correct determination was made.

(1) The Obvious Error Panel will be comprised of the Exchange’s Chief Regulatory Officer (“CRO”) or a designee of the CRO, a representative of one (1) Options Member engaged in market making (any such representative, a “MM Representative”) and representatives from two (2) Options Members satisfying one or both of the criteria set forth as (A) and (B) below (any such representative, a “Non-MM Representative”). To qualify as a representative of an Options Member other than an Options Member engaged in market making, a person must:

(A) be employed by an Options Member whose revenues from options market making activity do not exceed ten percent (10%) of its total revenues; or

(B) have as his or her primary responsibility the handling of Public Customer orders or supervisory responsibility over persons with such responsibility, and not have any responsibilities with respect to market making activities.

(2) The Exchange shall designate at least ten (10) MM Representatives and at least ten (10) Non-MM Representatives to be called upon to serve on the Obvious Error Panel as needed. In no case shall an Obvious Error Panel include a person affiliated with a party to the trade in question. To the extent reasonably possible, the Exchange shall call upon the designated representatives to participate on an Obvious Error Panel on an equally frequent basis.

(3) A request for review on appeal must be made in writing via e-mail or other electronic means specified from time to time by the Exchange in a circular distributed to Options Members within thirty (30) minutes after the party making the appeal is given notification of the initial determination being appealed. The Obvious Error Panel shall review the facts and render a decision as soon as practicable, but generally on the same trading day as the execution(s) under review. On requests for appeal received after 3:00 p.m. Eastern Time, a decision will be rendered as soon as practicable, but in no case later than the trading day following the date of the execution under review.

(4) The Obvious Error Panel may overturn or modify an action taken by the Official under this Rule. All determinations by the Obvious Error Panel shall constitute final action by the Exchange on the matter at issue.

(5) If the Obvious Error Panel votes to uphold the decision made pursuant to paragraph (1)(1) above, the Exchange will assess a \$500.00 fee against the Options Member(s) who initiated the request for appeal. In addition, in instances where the Exchange, on behalf of an Options Member, requests a determination by another market

center that a transaction is clearly erroneous, the Exchange will pass any resulting charges through to the relevant Options Member.

(6) Any determination by an Officer or by the Obvious Error Panel shall be rendered without prejudice as to the rights of the parties to the transaction to submit their dispute to arbitration.

Interpretations and Policies

.01 Limit Up-Limit Down State. During a pilot period set to end on October 23, 2015, an execution will not be subject to review as an Obvious Error or Catastrophic Error pursuant to paragraph (c) or (d) of this Rule if it occurred while the underlying security was in a "Limit State" or "Straddle State," as defined in the Plan to Address Extraordinary Market Volatility Pursuant to Rule 608 of Regulation NMS under the Act (the "Limit Up-Limit Down Plan"). Nothing in this provision shall prevent such execution from being reviewed on an Official's own motion pursuant to sub-paragraph (c)(3) of this Rule, or a bust or adjust pursuant to paragraphs (e) through (j) of this Rule.

.02 For the purposes of this Rule, to the extent the provisions of this Rule would result in the Exchange applying an adjustment of an erroneous sell transaction to a price lower than the execution price or an erroneous buy transaction to a price higher than the execution price, the Exchange will not adjust or nullify the transaction, but rather, the execution price will stand.

Rule 20.7. Audit Trail

(a) Order Identification

When entering orders on EDGX Options, each Options Member shall submit order information in such form as may be prescribed by the Exchange in order to allow EDGX Options to properly prioritize and match orders and report resulting transactions to the Clearing Corporation.

(b) An Options Member must ensure that each options order received from a Customer for execution on EDGX Options is recorded and time-stamped immediately. The order record must be time-stamped again on execution and also at the time of any modification or cancellation of the order by the Customer. Order records relating to EDGX Options must contain the following information at a minimum:

- (1) a unique order identification;
- (2) the underlying security;
- (3) opening/closing designation;
- (4) the identity of the Clearing Member;
- (5) Options Member identification;

- (6) Member Capacity;
- (7) identity of the individual/terminal completing the order ticket;
- (8) customer identification;
- (9) account identification;
- (10) buy/sell;
- (11) contract volume;
- (12) contract month;
- (13) exercise price;
- (14) put/call;
- (15) price or price limit, price range or strategy price;
- (16) special instructions (e.g ., GTC); and
- (17) such other information as may be required by EDGX Options.

(c) An Options Member that employs an electronic system for order routing or order management which complies with EDGX Options requirements will be deemed to be complying with the requirements of this Rule if the required information is recorded in electronic form rather than in written form.

(d) In addition to any related requirement under applicable securities laws, information recorded pursuant to this Rule must be retained by Options Members for a period of no less than three (3) years after the date of the transaction.

Rule 20.8. Failure to Pay Premium

(a) When the Clearing Corporation shall reject an EDGX Options 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 Options 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 options contract that was the subject of the rejected EDGX Options 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. Eastern Time on the business day following the day the EDGX Options Transaction was rejected by the Clearing Corporation.

CHAPTER XXI. TRADING SYSTEMS

Rule 21.1. Definitions

The following definitions apply to Chapter XXI for the trading of options listed on EDGX Options.

(a) The term “System” shall mean the automated system for order execution and trade reporting owned and operated by the Exchange. The System comprises:

(1) an order execution service that enables Users to automatically execute transactions in System Securities; and provides Users with sufficient monitoring and updating capability to participate in an automated execution environment;

(2) a trade reporting service that submits “locked-in” trades for clearing to a registered clearing agency for clearance and settlement; transmits last-sale reports of transactions automatically to the Options Price Reporting Authority for dissemination to the public and industry, and provides participants with monitoring and risk management capabilities to facilitate participation in a “locked-in” trading environment; and

(3) a data feed(s) that can be used to display with or without attribution to Options Members’ MPIDs Displayed Orders on both the bid and offer side of the market for price levels then within EDGX Options using the minimum price variation applicable to that security.

(b) The term “System Securities” shall mean all options that are currently trading on EDGX Options pursuant to Chapter XIX above.

(c) The term “Order” shall mean a single order submitted to the System by a User and shall include both Attributable and Non-Attributable Orders, as defined below. The System shall treat all Orders as Attributable Orders unless a User has entered instructions to treat such Orders as Non-Attributable Orders.

(1) “Attributable Orders” are orders that are designated for display (price and size) including the User’s market participant identifier (“MPID”);

(2) “Non-Attributable Orders” are orders that are designated for display (price and size) on an anonymous basis by the Exchange.

(d) The term “Order Type” shall mean the unique processing prescribed for designated orders that are eligible for entry into the System, and shall include:

(1) (Reserved.)

(2) “Limit Orders” are orders to buy or sell an option at a specified price or better. A limit order is marketable when, for a limit order to buy, at the time it is entered into the System, the order is priced at the current inside offer or higher, or for a limit

order to sell, at the time it is entered into the System, the order is priced at the inside bid or lower.

(3) “Minimum Quantity Orders” are orders that require that a specified minimum quantity of contracts be obtained, or the order is cancelled. Minimum Quantity Orders will only execute against multiple, aggregated orders if such execution would occur simultaneously. The Exchange will only honor a specified minimum quantity on a Book Only Order entered with a time-in-force designation of Immediate or Cancel and will disregard a minimum quantity on any other order.

(4) (Reserved.)

(5) “Market Orders” are orders to buy or sell at the best price available at the time of execution. Market Orders to buy or sell an option traded on EDGX Options will be rejected if they are received when the underlying security is subject to a “Limit State” or “Straddle State” as defined in the Plan to Address Extraordinary Market Volatility Pursuant to Rule 608 of Regulation NMS under the Act (the “Limit Up-Limit Down Plan”). Any portion of a Market Order that would execute at a price more than \$0.50 or 5 percent worse than the NBBO at the time the order initially reaches EDGX Options, whichever is greater, will be cancelled.

(6) “Price Improving Orders” are orders to buy or sell an option at a specified price at an increment smaller than the minimum price variation in the security. Price Improving Orders may be entered in increments as small as (1) one cent. Price Improving Orders shall be displayed at the minimum price variation in that security and shall be rounded up for sell orders and rounded down for buy orders. Unless a User has entered instructions not to do so, Price Improving Orders will be subject to the display-price sliding process as set forth in paragraph (h) below.

(7) “Book Only Orders” are orders that are to be ranked and executed on the Exchange pursuant to Rule 21.8 (Order Display and Book Processing) or cancelled, as appropriate, without routing away to another options exchange. A Book Only Order will be subject to the display-price sliding process unless a User has entered instructions not to use the display-price sliding process as set forth in paragraph (h) below.

(8) “Post Only Orders” are orders that are to be ranked and executed on the Exchange pursuant to Rule 21.8 (Order Display and Book Processing) or cancelled, as appropriate, without routing away to another options exchange except that the order will not remove liquidity from the EDGX Options Book. A Post Only Order cannot be designated with instructions to use the display-price sliding process described in paragraph (h) below, and any such order will be rejected. A Post Only Order that is not subject to the Price Adjust process that would lock or cross a Protected Quotation of another options exchange or the Exchange will be cancelled.

(9) (Reserved.)

(10) “Intermarket Sweep Orders” or “ISO” are orders that shall have the meaning provided in Rule 27.1 (Definitions). Such orders may be executed at one or multiple price levels in the System without regard to Protected Quotations at other options exchanges (i.e., may trade through such quotations). The Exchange relies on the marking of an order by a User as an ISO order when handling such order, and thus, it is the entering Member’s responsibility, not the Exchange’s responsibility, to comply with the requirements relating to ISOs. ISOs are not eligible for routing pursuant to Rule 21.9 (Order Routing).

(e) The term “Order Size” shall mean the number of contracts up to 999,999 associated with the Order.

(f) The term “Time in Force” shall mean the period of time that the System will hold an order for potential execution, and shall include:

(1) “Good Til Day or “GTD” shall mean, for orders so designated, that if after entry into the System, the order is not fully executed, the order (or the unexecuted portion thereof) shall remain available for potential display and/or execution for the amount of time during such trading day specified by the entering User unless canceled by the entering party.

(2) “Immediate Or Cancel” or “IOC” shall mean, for an order so designated, a limit order that is to be executed in whole or in part as soon as such order is received. The portion not so executed immediately on the Exchange or another options exchange is cancelled and is not posted to the EDGX Options Book. IOC limit orders that are not designated as Book Only Orders and that cannot be executed in accordance with Rule 21.8 on the System when reaching the Exchange will be eligible for routing away pursuant to Rule 21.9.

(3) “DAY” shall mean, for an order so designated, a limit order to buy or sell which, if not executed expires at market close.

(4) (Reserved.)

(5) “Fill-or-Kill” or “FOK”. A limit order that is to be executed in its entirety as soon as it is received and, if not so executed, cancelled. A limit order designated as FOK is not eligible for routing away pursuant to Rule 21.9.

(g) Match Trade Prevention (“MTP”) Modifiers. Any incoming order designated with an MTP modifier will be prevented from executing against a resting opposite side order also designated with an MTP modifier and originating from the same market participant identifier (“MPID”), Exchange Member identifier, trading group identifier, or Exchange Sponsored Participant identifier (any such identifier, a “Unique Identifier”). Subject to the exception contained in paragraph (3) below, the MTP modifier on the incoming order controls the interaction between two orders marked with MTP modifiers.

(1) MTP Cancel Newest (“MCN”). An incoming order marked with the “MCN” modifier will not execute against opposite side resting interest marked with any MTP modifier originating from the same Unique Identifier. The incoming order marked with the MCN modifier will be cancelled back to the originating User(s). The resting order marked with an MTP modifier will remain on the EDGX Options Book.

(2) MTP Cancel Oldest (“MCO”). An incoming order marked with the “MCO” modifier will not execute against opposite side resting interest marked with any MTP modifier originating from the same Unique Identifier. The resting order marked with the MTP modifier will be cancelled back to the originating User(s). The incoming order marked with the MCO modifier will remain on the EDGX Options Book.

(3) MTP Decrement and Cancel (“MDC”). An incoming order marked with the “MDC” modifier will not execute against opposite side resting interest marked with any MTP modifier originating from the same Unique Identifier. If both orders are equivalent in size, both orders will be cancelled back to the originating User(s). If the orders are not equivalent in size, the equivalent size will be cancelled back to the originating User(s) and the larger order will be decremented by the size of the smaller order, with the balance remaining on the EDGX Options Book. Notwithstanding the foregoing, unless a User instructs the Exchange not to do so, both orders will be cancelled back to the originating User(s) if the resting order is marked with any MTP modifier other than MDC and the incoming order is smaller in size than the resting order.

(4) MTP Cancel Both (“MCB”). An incoming order marked with the “MCB” modifier will not execute against opposite side resting interest marked with any MTP modifier originating from the same Unique Identifier. The entire size of both orders will be cancelled back to the originating User(s).

(5) MTP Cancel Smallest (“MCS”). An incoming order marked with the “MCS” modifier will not execute against opposite side resting interest marked with any MTP modifier originating from the same Unique Identifier. If both orders are equivalent in size, both orders will be cancelled back to the originating User(s). If the orders are not equivalent in size, the smaller of the two orders will be cancelled back to the originating User and the larger order will remain on the EDGX Options Book.

(h) Display-Price Sliding.

(1) An order that, at the time of entry, would lock or cross a Protected Quotation of another options exchange will be ranked at the locking price in the EDGX Options Book and displayed by the System at one minimum price variation below the current NBO (for bids) or to one minimum price variation above the current NBB (for offers) (“display-price sliding”). A User may elect to have the System only apply display-price sliding to the extent an order at the time of entry would lock a Protected Quotation of another options exchange. For Users that select this order handling, any order will be cancelled if, upon entry, such order would cross a Protected Quotation of another options exchange.

(2) An order subject to display-price sliding will retain its original limit price irrespective of the prices at which such order is ranked and displayed. In the event the NBBO changes such that an order subject to display-price sliding would not lock or cross a Protected Quotation of another options exchange, the order will receive a new timestamp, and will be displayed at the most aggressive permissible price. All orders that are re-ranked and re-displayed pursuant to display-price sliding will retain their priority as compared to other orders subject to display-price sliding based upon the time such orders were initially received by the Exchange. Following the initial ranking and display of an order subject to display-price sliding, an order will only be re-ranked and re-displayed to the extent it achieves a more aggressive price, provided, however, that the Exchange will re-rank an order at the same price as the displayed price in the event such order's displayed price is locked or crossed by a Protected Quotation of another options exchange. Such event will not result in a change in priority for the order at its displayed price.

(3) The ranked and displayed prices of an order subject to display-price sliding may be adjusted once or multiple times depending upon the instructions of a User and changes to the prevailing NBBO. The Exchange's default display-price sliding process will only adjust the ranked and displayed prices of an order upon entry and then the displayed price one time following a change to the prevailing NBBO, provided however, that if such an order's displayed price has been locked or crossed by a Protected Quotation of another options exchange then the Exchange will adjust the ranked price of such order and it will not be further re-ranked or re-displayed at any other price. Orders subject to the optional multiple price sliding process will be further re-ranked and re-displayed as permissible based on changes to the prevailing NBBO.

(i) Price Adjust.

(1) An order that, at the time of entry, would lock or cross a Protected Quotation of another options exchange or the Exchange will be ranked and displayed by the System at one minimum price variation below the current NBO (for bids) or to one minimum price variation above the current NBB (for offers) ("Price Adjust").

(2) In the event the NBBO changes such that an order subject to Price Adjust would not lock or cross a Protected Quotation, the order will receive a new timestamp, and will be displayed at the price that originally locked the NBO (for bids) or NBB (for offers) on entry. All orders that are re-ranked and re-displayed pursuant to Price Adjust will retain their priority as compared to other orders subject to Price Adjust based upon the time such orders were initially received by the Exchange. Following the initial ranking and display of an order subject to Price Adjust, an order will only be re-ranked and re-displayed to the extent it achieves a more aggressive price.

(3) The ranked and displayed price of an order subject to Price Adjust may be adjusted once or multiple times depending upon the instructions of a User and changes to the prevailing NBBO.

(j) Display of Orders Subject to Display-Price Sliding and Price Adjust. In the event the NBBO changes such that display eligible orders subject to display-price sliding and Price Adjust would not lock or cross a Protected Quotation and are eligible to be displayed at a more aggressive price, the System will first display all orders subject to display-price sliding at their ranked price followed by orders subject to Price Adjust, which will be re-ranked and re-displayed as set forth above.

Rule 21.2. Days and Hours of Business

(a) The Exchange will begin accepting orders at 8:00 a.m. Eastern Time, as described in Rule 21.7. Orders and bids and offers shall be open and available for execution as of 9:30 a.m. Eastern Time and shall close as of 4:00 p.m. Eastern Time except for option contracts on Fund Shares, as defined in Rule 19.3(i), option contracts on exchange-traded notes including Index-Linked Securities, as defined in Rule 19.3(l), and option contracts on broad-based indexes, as defined in Rule 29.1(j), which will close as of 4:15 p.m. Eastern Time.

(b) Except as set forth in paragraph (a) above or in unusual conditions as may be determined by the Exchange, hours during which transactions in options on individual stocks may be made on EDGX Options shall correspond to the normal business days and hours for business set forth in the rules of the primary market trading the securities underlying options traded on EDGX Options.

(c) EDGX Options shall not be open for business on any holiday observed by the Exchange.

Rule 21.3. Units of Trading

The unit of trading in each series of options traded on EDGX Options 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 21.4. Meaning of Premium Quotes and Orders

(a) General.

Except as provided in paragraph (b), orders shall be expressed in terms of dollars per unit of the underlying security. For example, a bid of "5" shall represent a bid of \$500 for an options contract having a unit of trading consisting of 100 shares of an underlying security, or a bid of \$550 for an options contract having a unit of trading consisting of 110 shares of an underlying security.

(1) Mini Options. Bids and offers for an option contract overlying 10 shares shall be expressed in terms of dollars per 1/10th part of the total value of the contract. An offer of ".50" shall represent an offer of \$5.00 on an option contract having a unit of trading consisting of 10 shares.

(b) Special Cases.

Orders for an options contract for which EDGX Options has established an adjusted unit of trading in accordance with Rule 21.3 (Units of Trading) shall be expressed in terms of dollars per 1/100 part of the total securities and/or other property constituting such adjusted unit of trading. For example, an offer of "3" shall represent an offer of \$300 for an options contract having a unit of trading consisting of 100 shares of an underlying security plus ten (10) rights.

Rule 21.5. Minimum Increments

(a) The Board may establish minimum quoting increments for options contracts traded on EDGX Options. Such minimum increments established by the Board will be designated as a stated policy, practice, or interpretation with respect to the administration of this Rule within the meaning of Section 19 of the Exchange Act and will be filed with the SEC as a rule change for effectiveness upon filing. Until such time as the Board makes a change in the increments, the following principles shall apply: (1) if the options series is trading at less than \$3.00, five (5) cents; (2) if the options series is trading at \$3.00 or higher, ten (10) cents; and (3) if the options series is trading pursuant to the Penny Pilot program one (1) cent if the options series is trading at less than \$3.00, five (5) cents if the options series is trading at \$3.00 or higher, unless for QQQQ, SPY, or IWM where the minimum quoting increment will be one cent for all series regardless of price.

(b) The minimum trading increment for options contracts traded on EDGX Options will be one (1) cent for all series.

(c) *Mini Options.* Notwithstanding any other provision of this Rule 21.5, the minimum trading increment for Mini Options shall be determined in accordance with *Interpretations and Policies .07* to Rule 19.6.

Interpretations and Policies

.01 The Exchange will operate a pilot program set to expire on June 30, 2015 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 Information Circulars distributed to Members and posted on the Exchange's web site. The Exchange may replace any penny pilot issues that have been delisted with the next most actively traded multiply listed options classes that are not yet included in the penny pilot, based on trading activity in the previous six months. The replacement issues may be added to the penny pilot on the second trading day following January 1, 2015.

Rule 21.6. Entry of Orders

Users can enter orders into the System, subject to the following requirements and conditions:

(a) Users shall be permitted to transmit to the System multiple orders at a single as well as multiple price levels.

(b) The System shall time-stamp an order which shall determine the time ranking of the order for purposes of processing the order.

(c) Orders can be entered into the System (or previously entered orders cancelled) from 8:00 a.m. Eastern Time until market close. Orders received prior to completion of the Exchange's Opening Process will be handled in accordance with Rule 21.7 below.

(d) For each System Security, the aggregate size of all orders at the best price to buy and sell resident in the System and eligible for display will be transmitted for display to the appropriate network processor.

(e) Subject to the exceptions contained in paragraph (b) of Rule 27.2 (Order Protection), an order will not be executed at a price that trades through another options exchange. An order that is designated by an Options Member as routable will be routed in compliance with applicable Trade-Through restrictions.

(f) Any order entered with a price that would lock or cross a Protected Quotation of another options exchange that is not eligible for either routing, the display-price sliding process as defined in paragraph (h) of Rule 21.1 (Definitions), or the Price Adjust process as defined in paragraph (i) of Rule 21.1 will be cancelled.

Rule 21.7. Market Opening Procedures

(a) The Exchange will accept market and limit orders and quotes for inclusion in the opening process (the "Opening Process") beginning at 8:00 am Eastern Time or immediately upon trading being halted in an option series due to the primary listing market for the applicable underlying security declaring a regulatory trading halt, suspension, or pause with respect to such security (a "Regulatory Halt") and will continue to accept market and limit orders and quotes until such time as the Opening Process is initiated in that option series (the "Order Entry Period"), other than index options. The Exchange will not accept IOC or FOK orders for queuing prior to the completion of the Opening Process. The Exchange will convert all ISOs entered for queuing prior to the completion of the Opening Process into non-ISOs. Where a User has entered instructions not to cancel its open orders upon a halt pursuant to Rule 20.3(b), such orders will be queued for participation in the Opening Process for a Regulatory Halt or will be cancelled for a halt that is not a Regulatory Halt. Where trading is halted pursuant to Rule 20.3, but it is not due to a Regulatory Halt, there will be no Order Entry Period and trading shall be resumed upon the determination by the Exchange that the conditions which led to the halt are no longer present or that the interests of a fair and orderly market are best served by a resumption of trading. Orders entered during the Order Entry Period will not be eligible for execution until the Opening Process occurs. After the first transaction on the primary listing market after 9:30 a.m. Eastern Time in the securities underlying the options as reported on the first print disseminated pursuant to an effective national market system plan ("First Listing Market Transaction") or the Regulatory Halt has been lifted, the related option series will be opened automatically as follows:

(1) Determining the Opening Price. The System will determine a single price at which a particular option series will be opened (the "Opening Price") as calculated by

the System within 30 seconds of the First Listing Market Transaction or the Regulatory Halt being lifted. Where there are no contracts in a particular series that would execute at any price, the System shall open such options for trading without determining an Opening Price. The Opening Price of a series must be a Valid Price, as determined in paragraph (2) below, and will be:

(A) the midpoint of the NBBO (the “NBBO Midpoint”);

(B) where there is no NBBO Midpoint at a Valid Price, the last regular way print disseminated pursuant to the OPRA Plan after 9:30 a.m. Eastern Time (the “Print”);

(C) where there is both no NBBO Midpoint and no Print at a Valid Price, the last regular way transaction from the previous trading day as disseminated pursuant to the OPRA Plan (the “Previous Close”); or

(D) where there is no NBBO Midpoint, no Print, and no Previous Close at a Valid Price, the Order Entry Period may be extended by 30 seconds or less or the series may be opened for trading at the discretion of the Exchange.

(2) Validating the Opening Price. For purposes of this Rule, a NBBO Midpoint, a Print, and a Previous Close will be at a Valid Price:

(A) Where there is no NBB and no NBO;

(B) Where there is either a NBB and no NBO or a NBO and no NBB and the price is equal to or greater than the NBB or equal to or less than the NBO; or

(C) Where there is both a NBB and NBO, the price is equal to or within the NBBO, and the price is less than the following Minimum Amount away from the NBB or NBO for the series:

<u>NBB</u>	<u>Minimum Amount</u>
<u>Below \$2.00</u>	<u>\$0.25</u>
<u>\$2.00 to \$5.00</u>	<u>\$0.40</u>
<u>Above \$5.00 to \$10.00</u>	<u>\$0.50</u>
<u>Above \$10.00 to \$20.00</u>	<u>\$0.80</u>
<u>Above \$20.00 to \$50.00</u>	<u>\$1.00</u>

<u>Above \$50.00 to \$100.00</u>	<u>\$1.50</u>
<u>Above \$100.00</u>	<u>\$2.00</u>

(3) Performing the Opening Process. After establishing an Opening Price that is also a Valid Price, orders and quotes in the System that are priced equal to or more aggressively than the Opening Price will be matched based on the Exchange's priority rule, Rule 21.8. Matches will occur until there is no remaining volume or there is an imbalance of orders. All orders and quotes or portions thereof that are matched pursuant to the Opening Process will be executed at the Opening Price. An imbalance of orders on the buy side or sell side may result in orders that are not executed in whole or in part. Such orders will be handled in time sequence, beginning with the order with the oldest time stamp and may, in whole or in part, be placed on the EDGX Options Book, cancelled, executed, or routed in accordance with Rule 21.9.

(4) Contingent Open. Orders that are not executed during the Opening Process because trading in a series is going to be opened for trading pursuant to paragraph (1)(D) above will be handled in time sequence, beginning with the order with the oldest time stamp and may, in whole or in part, be placed on the EDGX Options Book, cancelled, executed, or routed in accordance with Rule 21.9.

(b) With respect to index options, the System shall open such options for trading at 9:30 a.m. Eastern Time. Where trading in index options is halted for any reason, the System shall open such options for trading upon the determination by the Exchange that the conditions which led to the halt are no longer present or that the interests of a fair and orderly market are best served by a resumption of trading.

(c) The Exchange may deviate from the standard manner of the Opening Process, including adjusting the timing of the Opening Process in any option class, when it believes it is necessary in the interests of a fair and orderly market.

Rule 21.8. Order Display and Book Processing

(a) Acceptance of Quotes and Orders. All bids or offers made and accepted on EDGX Options in accordance with the Rules shall constitute binding contracts, subject to applicable requirements of the Exchange Rules and the Rules of the Clearing Corporation.

(b) Priority on the Exchange. The highest bid and lowest offer shall have priority on the Exchange.

(c) Pro-Rata Allocation. As set forth in paragraph (b) above, resting quotes and orders on the EDGX Options 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). The executable quantity is allocated to the nearest whole number, with

fractions 1/2 or greater rounded up and fractions less than 1/2 rounded down. If the executable quantity cannot be evenly allocated, contracts will be distributed using the pro-rata priority methodology described in this Rule 21.8 until there are no contracts remaining.

(d) *Additional Priority Overlays Applicable to the Pro-Rata Allocation Method.* In connection with the allocation methodology set forth in paragraph (c) above, the Exchange may 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 notice to Options Members which will specify which classes of options are initially subject to these additional priority overlays and will provide such Options Members with reasonable advance notice of any changes to the application of such overlays.

(1) *Customer Orders.* When this priority overlay (the “Customer Overlay”) is in effect, the highest bid and lowest offer shall have priority except that Customer Orders shall have priority over non-Customer interest at the same price. If there are two or more Customer Orders for the same options series at the same price, priority shall be afforded to such Customer Orders in the sequence in which they are received by the System.

(2) *Directed Market Maker.* The Exchange may determine to grant Directed Market Makers participation entitlements pursuant to the provisions of paragraph (f) below. As indicated in such paragraph, the Directed Market Maker participation entitlement may only be in effect when the Customer Overlay is also in effect.

(3) *Primary Market Maker.* The Exchange may determine to grant Primary Market Makers participation entitlements pursuant to the provisions of paragraph (g) below. As indicated in such paragraph, the Primary Market Maker participation entitlement may only be in effect when the Customer Overlay is also in effect.

(e) *Non-Customer Orders.* After executions resulting from Priority Overlays set forth in paragraph (d) above, Orders and Quotes within the System for the accounts of non-Customers, including Professional Customers, have next priority. If there is more than one highest bid or more than one lowest offer in the Consolidated Book for the account of a non-Customer, then such bids or offers will be afforded priority on a “size pro rata” basis.

(f) *Directed Market Maker Participation Entitlements.* An Options Member may designate a Market Maker (“Directed Market Maker”) on orders it enters into the System (“Directed Orders”). The Directed Market Maker must be registered with the Exchange as a Market Maker in the relevant option class at the time of receipt of the Directed Order to be eligible to receive the Directed Market Maker participation entitlement. Only Customer Orders will be eligible to be directed by an Options Member. The Directed Market Maker participation entitlement shall not be in effect unless the Customer Overlay is in effect and the participation entitlement shall only apply to any remaining balance after Customer orders have been satisfied. The Directed Market Maker participation entitlements are as follows:

(1) For each incoming order, if the Directed 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.

(2) Small size orders will be allocated in full to the Directed Market Maker if the Directed 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 Primary Market Makers and Directed Market Makers to account for more than 40% of the volume executed on the Exchange. Small size orders are defined as five (5) or fewer contracts.

(g) *Primary Market Maker Participation Entitlements.* A Primary Market Maker may be appointed by the Exchange in option classes in accordance with Rule 22.2. The Primary Market Maker participation entitlements shall not be in effect unless the Customer Overlay is in effect and the participation entitlements shall only apply to any remaining balance after Customer orders have been satisfied. The Primary Market Maker participation entitlements are as follows:

(1) For each incoming order, if the Primary 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.

(2) Small size orders will be allocated in full to the Primary Market Maker if the Primary 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 Primary Market Makers and Directed Market Makers, as defined below, 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) *Conditions of Participation Entitlements.* In allocating the participation entitlements set forth in this Rule 21.8 to the Directed Market Maker and the Primary Market Maker the following shall apply:

(1) In a class of options where both the Directed Market Maker and the Primary Market Maker participation entitlements are in effect and an Options Member has directed an order to a Directed Market Maker:

(A) if the Directed Market Maker's priority quote is at the NBBO, the Directed Market Maker's participation entitlement will supersede the Primary

Market Maker's participation entitlements for an order directed to such Directed Market Maker;

(B) if the Directed Market Maker's priority quote is not at the NBBO, the Primary Market Maker's participation entitlement will apply to that order, provided the Primary Market Maker's priority quote is at the NBBO; and

(C) if neither the Directed Market Maker's nor the Primary 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 Directed Market Maker by an Options Member, then the Primary Market Maker's participation entitlement will apply to that order, provided the Primary Market Maker's priority quote is at the NBBO.

(3) The participation entitlements shall not be in effect unless the Customer Overlay is also in effect and the participation entitlements shall only apply to any remaining balance after Customer orders have been satisfied.

(4) Neither the Primary Market Maker nor the Directed Market Maker may be allocated a total quantity greater than the quantity they are quoting at the execution price. If the Primary Market Maker's or the Directed 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 Market Maker nor the Directed Market 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 Market Maker's highest priority bids and offers or the Directed 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 EDGX Options 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 Market Maker and the Directed Market Maker participation entitlements contained in this Rule are not guarantees.

(i) Price Improvement — any potential price improvement resulting from an execution in the System shall accrue to the party that is removing liquidity previously posted to the EDGX Options Book.

(j) EDGX Options — listed options that are the subject of a trading halt initiated pursuant to Rule 20.3 (Trading Halts), shall open for trading at the time specified by the Exchange pursuant to Rule 20.4. When the System opens, orders shall be added to the EDGX Options Book in time priority and executed as described above in paragraph (a) above.

(k) Match Trade Prevention. Pursuant to Rule 21.1(g), Users may direct that orders entered into the System not execute against orders entered under the same Unique Identifier. In such a case, the System will not permit such orders to execute against one another, regardless of priority ranking.

Rule 21.9. Order Routing

(a) General. For System securities, the order routing process shall be available to Users from 9:30 a.m. Eastern Time until market close. Users can designate orders as either available for routing or not available for routing. Orders designated as not available for routing shall follow the book processing rules set forth in Rule 21.8 (Order Display and Book Processing) above.

(1) Routing to Away Options Exchanges. Orders designated as available for routing will first check the EDGX Options Book for available contracts for execution pursuant to Rule 21.8 (Order Display and Book Processing). After checking the EDGX Options Book for available contracts, the System will designate orders as IOCs and will cause such orders to be routed to one or more options exchanges for potential execution, per the entering User's instructions. After the System receives responses to orders that were routed away, to the extent an order is not executed in full through the routing process, the System will process the balance of such order as follows. Depending on parameters set by the User when the incoming order was originally entered, the System will either:

(A) cancel the unfilled balance of the order back to the User;

(B) post the unfilled balance of the order to the EDGX Options Book, subject to the display-price sliding process as defined in Rule 21.1(h) or price adjust process as defined in Rule 21.1(i), if applicable;

(C) repeat the process described above by executing against the EDGX Options Book and/or routing to other options exchanges until the original, incoming order is executed in its entirety;

(D) repeat the process described above by executing against the EDGX Options Book and/or routing to other options exchanges until the original, incoming order is executed in its entirety, or, if not executed in its entirety and a limit order, post the unfilled balance of the order on the EDGX Options Book if the order's limit price is reached; or

(E) to the extent the System is unable to access a Protected Quotation and there are no other accessible Protected Quotations at the NBBO, the System will cancel the order back to the User, provided, however, that this provision will not apply to Protected Quotations published by an options exchange against which the Exchange has declared self-help pursuant to Rule 27.2(b)(1).

(2) *Routing Options.* The System provides a variety of routing options. Routing options may be combined with all available order types and times-in-force, with the exception of order types and times-in-force whose terms are inconsistent with the terms of a particular routing option. The System will consider the quotations only of accessible markets. The term “System routing table” refers to the proprietary process for determining the specific options exchanges to which the System routes orders and the order in which it routes them. The Exchange reserves the right to maintain a different System routing table for different routing options and to modify the System routing table at any time without notice. The System routing options are:

(A) *Parallel D.* Parallel D is a routing option under which an order checks the System for available contracts and then is sent to destinations on the System routing table. The System may route to multiple destinations at a single price level simultaneously through Parallel D routing.

(B) *Parallel 2D.* Parallel 2D is a routing option under which an order checks the System for available contracts and then is sent to destinations on the System routing table. The System may route to multiple destinations and at multiple price levels simultaneously through Parallel 2D routing.

(C) *Destination Specific.* Destination Specific is a routing option under which an order checks the System for available contracts and then is sent to a specified away options exchange.

(D) *Directed ISO.* Directed ISO is a routing option under which an ISO entered by a User bypasses the System and is sent by the System to another options exchange specified by the User. It is the entering Member’s responsibility, not the Exchange’s responsibility, to comply with the requirements relating to Intermarket Sweep Orders.

(3) *Re-Route Instructions.* Unless otherwise specified, the Re-Route instructions set forth below may be combined with any of the System routing options specified in paragraph (a)(2) above.

(A) *Aggressive.* To the extent the unfilled balance of a routable order has been posted to the EDGX Options Book pursuant to paragraph (a)(2) above, should the order subsequently be crossed by another accessible options exchange, the System shall route the order to the crossing options exchange if the User has selected the Aggressive Re-Route instruction.

(B) Super Aggressive. To the extent the unfilled balance of a routable order has been posted to the EDGX Options Book pursuant to paragraph (a)(1) above, should the order subsequently be locked or crossed by another accessible options exchange, the System shall route the order to the locking or crossing options exchange if the User has selected the Super Aggressive Re-Route instruction.

(b) Priority of Routed Orders. Orders that have been routed by the System to other options exchanges are not ranked and maintained in the EDGX Options Book pursuant to Rule 21.8, and therefore are not available to execute against incoming orders. Once routed by the System, an order becomes subject to the rules and procedures of the destination options exchange including, but not limited to, order cancellation. If a routed order is subsequently returned, in whole or in part, that order, or its remainder, shall receive a new time stamp reflecting the time of its return to the System.

(c) Users whose orders are routed to other options exchanges shall be obligated to honor such trades that are executed on other options exchanges to the same extent they would be obligated to honor a trade executed on EDGX Options.

(d) EDGX Options shall route orders in options via BATS Trading, Inc. (“BATS Trading”), which serves as the Outbound Router of the Exchange, as defined in Rule 2.11 (BATS Trading, Inc.). The function of the Outbound Router will be to route orders in options listed and open for trading on EDGX Options to other options exchanges pursuant to the rules of EDGX Options solely on behalf of EDGX Options. The Outbound Router is subject to regulation as a facility of the Exchange, including the requirement to file proposed rule changes under Section 19 of the Act. Use of BATS Trading or Routing Services described in paragraph (e) below to route orders to other market centers is optional. Parties that do not desire to use BATS Trading for routing or other Routing Services provided by the Exchange must designate orders as not available for routing.

(e) Back-Up Order Routing Services. In the event the Exchange is not able to provide order routing services through its affiliated broker-dealer pursuant paragraph (d) above, the Exchange will route orders to other options exchanges in conjunction with one or more routing brokers that are not affiliated with the Exchange (“Routing Services”) as described in this paragraph (e). In connection with such services, the following shall apply:

(1) 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.

(2) 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.

(3) The Exchange may not use a routing broker for which the Exchange or any affiliate of the Exchange is the designated examining authority.

(4) 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 issuers and other persons using its facilities, and not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

(5) For all Routing Services, the Exchange will determine the logic that provides when, how, and where orders are routed away to other options exchanges.

(6) The routing broker will receive routing instructions from the Exchange, to route orders to other options 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.

(7) Any bid or offer entered on the Exchange routed to another options exchange via a routing broker that results in an execution shall be binding on the Options Member that entered such bid/offer.

(f) *Market Access.* In addition to the Exchange Rules regarding routing to away options exchanges, BATS Trading, as defined in Rule 2.11, has, pursuant to Rule 15c3-5 under the Act, implemented certain tests designed to mitigate the financial and regulatory risks associated with providing the Exchange's Members with access to such away options exchanges. Pursuant to the policies and procedures developed by BATS Trading to comply with Rule 15c3-5, if an order or series of orders are deemed to be erroneous or duplicative, would cause the entering Member's credit exposure to exceed a preset credit threshold, or are non-compliant with applicable pre-trade regulatory requirements (as defined in Rule 15c3-5), BATS Trading will reject such orders prior to routing and/or seek to cancel any orders that have been routed.

Rule 21.10. Anonymity

(a) The intra-day transaction reports produced by the System will indicate the details of the transactions, and shall not reveal contra party identities.

(b) The Exchange shall reveal a Member's identity when a registered clearing agency ceases to act for a participant, or the Member's clearing firm, and the registered clearing agency determines not to guarantee the settlement of the Member's trades.

(c) The Exchange shall reveal a User's identity in the following circumstances:

(1) for regulatory purposes or to comply with an order of an arbitrator or court;

(2) if both Users to the transaction consent;

(3) if a User is acting as either a Market Maker or sending Orders on behalf of a Customer; or

(4) unless otherwise instructed by a User, the Exchange will reveal to a User, no later than the end of the day on the date an anonymous trade was executed, when the User's Order has been decremented by another Order submitted by that same User.

Rule 21.11. Transaction Price Binding

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 in error.

Rule 21.12. Clearing Member Give Up

A User must give up the name of the Clearing Member through which 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 User must, as promptly as possible, report such change to EDGX Options.

Rule 21.13. Submission for Clearance

(a) All options transactions effected on EDGX Options 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 EDGX Options Transactions of such Clearing Member and of each User that 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 User, which authorization must be submitted to the Exchange.

(b) On each business day at or prior to such time as may be prescribed by the Clearing Corporation, EDGX Options shall furnish the Clearing Corporation a report of each Clearing Member's matched trades.

Rule 21.14. Message Traffic Mitigation

For the purpose of message traffic mitigation, based on EDGX Options' traffic with respect to target traffic levels and in accordance with EDGX Options' overall objective of reducing both peak and overall traffic:

(a) EDGX Options will periodically delist options with an average daily volume (“ADV”) of less than 100 contracts. The Exchange will, on a monthly basis, determine the ADV for each series listed on EDGX Options and delist the current series and not list the next series after expiration where the ADV is less than 100 contracts. For options series traded solely on EDGX Options, the Exchange will delay delisting until there is no open interest in that options series.

(b) EDGX Options will implement a process by which an outbound quote message that has not been sent, but is about to be sent, will not be sent if a more current quote message for the same series is available for sending. This replace on queue functionality will be applied to all options series listed on EDGX Options in real time and will not delay the sending of any messages.

(c) EDGX Options will also prioritize price update messages and send out price updates before sending size update messages. This functionality will be applied to all options series listed on the EDGX Options and in conjunction with the previously described replace on queue functionality will ensure that EDGX Options quote update messages are the most current and relevant available.

(d) All message traffic mitigation mechanisms which are used on EDGX Options will be identical to the OPRA “top of the book” broadcast.

Rule 21.15. Data Dissemination

(a) Dissemination of Quotations. The Exchange will disseminate to quotation vendors the highest bid and the lowest offer, and the aggregate quotation size associated therewith that is available, in accordance with the requirements of Rule 602 of Regulation NMS under the Exchange Act.

(b) Exchange Data Products. The Exchange offers the following Exchange data products free of charge, except as otherwise noted in the Fee Schedule:

(1) Multicast PITCH. Multicast PITCH is an uncompressed data feed that offers depth of book quotations and execution information based on options orders entered into the System.

(2) DROP. DROP is an uncompressed data feed that offers information regarding the options trading activity of a specific Member. DROP is only available to the Member to whom the specific data relates and those recipients expressly authorized by the Member.

(3) Historical Data. Historical Data is a data product that offers historical options data.

(c) Notification of Customer Interest on the Book.

(1) The Exchange will make available to all market participants through OPRA an indication that there is Customer interest included in the BBO disseminated by the Exchange.

(2) The Exchange will identify Customer orders and trades as such on messages disseminated by the Exchange through its Multicast PITCH data feed.

Rule 21.16. Risk Monitor Mechanism

(a) The System will maintain a counting program (“counting program”) for each User. A single User may configure a single counting program or multiple counting programs to govern its trading activity (i.e., on a per port basis). The counting program will count executions of contracts traded by each User and in specific Option Categories (as defined below) by each User. The counting program counts executions, contract volume and notional value, within a specified time period established by each User (the “specified time period”) and on an absolute basis for the trading day (“absolute limits”). The specified time period will commence for an option when a transaction occurs in any series in such option. The counting program will count executions in the following “Options Categories”: front-month puts, front-month calls, back-month puts, and back-month calls (each an “Option Category”). The counting program will also count a User’s executions, contract volume and notional value across all options which a User trades (“Firm Category”). For the purposes of this Rule 21.16, a front-month put or call is an option that expires within the next two calendar months, including weeklies and other non-standard expirations, and a back-month put or call is an option that expires in any month more than two calendar months away from the current month.

(b)

(i) Risk Monitor Mechanism. The System will engage the Risk Monitor Mechanism in a particular option when the counting program has determined that a User’s trading has reached a Specified Engagement Trigger (as defined below) established by such User during the specified time period or on an absolute basis. When a Specified Engagement Trigger is reached in an Options Category, the Risk Monitor Mechanism will automatically remove such User’s orders in all series of the particular option and reject any additional orders from a User in such option until the counting program has been reset in accordance with paragraph (d) below. When a Specified Engagement Trigger is reached in the Firm Category, the Risk Monitor Mechanism will automatically remove such User’s orders in all series of all options and reject any additional orders from a User until the counting program has been reset in accordance with paragraph (d) below. The Risk Monitor Mechanism will also attempt to cancel any orders that have been routed away to other options exchanges on behalf of the User.

(ii) Specified Engagement Triggers. Each User can, optionally, establish Engagement Triggers in each Options Category, per option, or in the Firm Category. Engagement Triggers can be set as follows: (A) a contract volume trigger, measured against the number of contracts executed (the “volume trigger”); (B) a notional value trigger, measured against the notional value of executions (“notional trigger”); (C) an

execution count trigger, measured against the number of executions (“count trigger”); and (D) a percentage based trigger, measured against the number of contracts executed as a percentage of the number of contracts outstanding within a time period designated by the Exchange (“percentage trigger”).

(c) Any marketable orders, or quotes that are executable against a User’s quotation that are received prior to the time the Risk Monitor Mechanism is engaged will be automatically executed at the price up to the size of the User’s quotation, regardless of whether such an execution results in executions in excess of the User’s Specified Engagement Trigger.

(d) The System will reset the counting period for absolute limits when a User refreshes its risk limit thresholds. The System will reset the counting program and commence a new specified time period when:

(i) A previous counting period has expired and a transaction occurs in any series in such option; or

(ii) A User refreshes its risk limit thresholds prior to the expiration of the specified time period.

(e) A User may also engage the Risk Monitor Mechanism to cancel resting bids and offers, as well as subsequent orders as set forth in Rule 22.11.

CHAPTER XXII. MARKET PARTICIPANTS

Rule 22.1. Customer Orders and Order Entry Firms

Order Entry Firms (OEFs) are those Options Members representing as agent Customer Orders on EDGX Options or trading as principal on EDGX Options.

Rule 22.2. Options Market Maker Registration and Appointment

Options Members registered as Market Makers have certain rights and bear certain responsibilities beyond those of other Options Members. All Market Makers are designated as specialists on EDGX Options for all purposes under the Exchange Act or Rules thereunder.

(a) To register as a Market Maker, an Options Member must file an application in writing on such forms as the Exchange may prescribe. The Exchange reviews applications and considers an applicant's market making ability and such other factors as the Exchange deems appropriate in determining whether to approve an applicant's registration as a Market Maker.

(b) The registration of any Member as a 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.

(c) The Exchange may appoint one Primary Market Maker per option class. An unlimited number of Market Makers may be registered in each class unless the number of Market Makers registered to make a market in a particular option class should be limited whenever, in the Exchange's judgment, quotation system capacity in an option class or classes is not sufficient to support additional Market Makers in such class or classes. The Exchange will not restrict access in any particular option class until such time as the Exchange has submitted objective standards for restricting access to the SEC for its review and approval.

(d) A Market Maker must register to make markets in individual series of options as set forth in Rule 22.3, below. Market Makers may select from among any option issues traded on the Exchange to request appointment as a Primary Market Maker, subject to the approval of the Exchange. In considering the approval of the appointment of a Primary Market Maker in each security, the Exchange will consider:

- (1) the Market Maker's preference;
- (2) the financial resources available to the Market Maker;
- (3) the Market Maker's experience, expertise and past performance in making markets, including the Market Maker's performance in other securities;
- (4) the Market Makers operational capability; and

(5) the maintenance and enhancement of competition among Market Makers in each security in which they are registered, including pursuant to the performance standards set forth in paragraph (i) below.

(e) Market Makers may request a change to the option issues for which they are appointed as Primary Market Maker, subject to the approval of the Exchange. Such requests must be made in a form and manner prescribed by the Exchange. In considering whether to approve a Market Maker's request to change their appointment, the Exchange will consider the factors set forth in subsection (d), above.

(f) Market Makers may withdraw from trading an option issue that is within their appointment as a Primary Market Maker by providing the Exchange with three business days' written notice of such withdrawal. Market Makers who fail to give advance written notice of withdrawal to the Exchange may be subject to formal disciplinary action pursuant to Chapter VIII of the Exchange's Rules.

(g) The Exchange may suspend or terminate any appointment of a Primary Market Maker in one or more option issues under this Rule whenever, in the Exchange's judgment, the interests of a fair and orderly market are best served by such action.

(h) A Market Maker may seek review of any action taken by the Exchange pursuant to this Rule, including the denial of the appointment for, or the termination or suspension of, a Market Maker's appointment in an option issue or issues, in accordance Chapter X of the Exchange's Rules.

(i) *Performance Standards for Primary Market Makers.* The Exchange will periodically conduct an evaluation of Primary 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, trading data, a Market Maker's regulatory history and such other factors and data as may be pertinent in the circumstances.

(1) If the Exchange finds any failure by a Market Maker to meet minimum performance standards, the Exchange may take the following actions, after written notice and after opportunity for hearing pursuant to Chapter X of the Exchange's Rules:

(2) restriction of appointments to additional option issues as a Primary Market Maker;

(3) suspension, termination, or restriction of a Primary Market Maker appointment in one or more option issues; or

(4) suspension, termination, or restriction of the Market Maker's registration in general.

If a Market Maker's appointment in an option issue or issues has been terminated pursuant to this paragraph (i), the Market Maker may not be re-appointed as a Primary Market Maker in that option issue or issues for a period not to exceed 6 months.

Rule 22.3. Continuing Options Market Maker Registration

(a) An Options Member that has qualified as an Options Market Maker may register to make markets in individual series of options.

(b) An Options Market Maker may become registered in a series by entering a registration request via an Exchange approved electronic interface with the Exchange's systems by 9:00 a.m. Eastern time. Registration shall become effective on the day the registration request is entered.

(c) An Options Market Maker's registration in a series shall be terminated if the market maker fails to enter quotations in the series within five (5) business days after the market maker's registration in the series becomes effective.

Rule 22.4. Good Standing for Market Makers

(a) To remain in good standing as a Market Maker, the Market Maker must:

(1) continue to meet the requirements established in SEC Rule 15c3-1, and the general membership requirements set forth in the Chapter II of the Exchange Rules and the requirements for Market Makers as set forth in Rule 11.5 (Registration of Market Makers);

(2) continue to satisfy the Market Maker qualification requirements specified by the Exchange, as amended from time to time by the Exchange;

(3) comply with the Exchange Rules as well as the Rules of the OCC and the Federal Reserve Board; and

(4) pay on a timely basis such Participation, transaction and other fees as the Exchange and EDGX Options shall prescribe.

(b) The good standing of a Market Maker may be suspended, terminated or otherwise withdrawn, as provided in the Exchange Rules, if any of said conditions for approval cease to be maintained or the Market Maker violates any of its agreements with the Exchange or any of the provisions of the Exchange Rules.

Rule 22.5. Obligations of Market Makers

(a) In registering as a Market Maker, an Options Member commits himself to various obligations. Transactions of a Market Maker in its market making capacity must 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 course of dealings. Ordinarily, Market Makers are expected to:

(1) During trading hours, a Market Maker must maintain a two-sided market, pursuant to Rule 22.6(d)(1), in those option series in which the Market Maker is registered to trade, in a manner that enhances the depth, liquidity and competitiveness of the market.

(2) Engage, to a reasonable degree under the existing circumstances, in dealings for their own accounts when there exists, or it is reasonably anticipated that there will exist, a lack of price continuity, a temporary disparity between the supply of (or demand for) a particular option contract, or a temporary distortion of the price relationships between option contracts of the same class.

(3) Compete with other Market Makers in all series in which the Market Maker is registered to trade.

(4) Make markets that will be honored for the number of contracts entered into EDGX Options's system in all series of options in which the Market Maker is registered to trade.

(5) Update quotations in response to changed market conditions in all series of options in which the Market Maker is registered to trade.

(6) Maintain active markets in all series in which the Market Maker is registered.

(7) Honor all orders that the Trading System routes to away markets pursuant to Chapter XXVII of these Rules.

(b) Options Market Makers should not effect purchases or sales on EDGX Options except in a reasonable and orderly manner.

(c) If the Exchange finds any substantial or continued failure by an Options Market Maker to engage in a course of dealings as specified in paragraph (a) of this Rule, such Options Market Maker will be subject to disciplinary action or suspension or revocation of registration in one or more of the securities in which the Market Maker is registered. Nothing in this Rule will limit any other power of the Board under these Rules, or procedures of EDGX Options with respect to the registration of a Market Maker or in respect of any violation by a Market Maker of the provisions of this Rule.

Rule 22.6. Market Maker Quotations

(a) Size Associated with Quotes.

A Market Maker's bid and offer for a series of options contracts shall be accompanied by the number of contracts at that price the Market Maker is willing to buy or sell. The best bid and best offer entered by a Market Maker must have a size of at least one (1) contract.

(b) Two-Sided Quotes.

A Market Maker that enters a bid (offer) in a series in which he is registered on EDGX Options must enter an offer (bid).

(c) Firm Quotes.

(1) All quotes and orders entered into the System are firm under this Rule and Rule 602 of Regulation NMS under the Exchange Act ("Rule 602") for the number of contracts specified and according to the requirements of paragraph (a) above.

(2) Market Maker bids and offers are not firm under this Rule and Rule 602 if any of the circumstances provided in paragraph (b)(3) or (c)(4) of Rule 602 exist.

(d) Continuous Quotes.

A Market Maker must enter continuous bids and offers for the options series to which it is registered, as follows:

(1) On a daily basis, a Market Maker must make markets consistent with the applicable quoting requirements specified in these rules, on a continuous basis in at least seventy-five percent (75%) of the options series in which the Market Maker is registered.

(2) A Market Maker may be called upon by the Exchange to submit a single bid or offer or maintain continuous bids and offers in one or more of the series to which the Market Maker is registered whenever, in the judgment of the Exchange, it is necessary to do so in the interest of fair and orderly markets.

(3) A Market Maker shall be deemed to have fulfilled the "continuous" quoting requirement if the Market Maker provides two-sided quotes for 90% of the time that the Market Maker is required to provide quotes in an appointed option series on a given trading day, or such higher percentage as the Exchange may announce in advance. These obligations will apply to all of the Market Maker's appointed issues collectively, rather than on an issue-by-issue basis. Compliance with this obligation will be determined on a monthly basis. However, determining compliance with the continuous quoting requirement on a monthly basis does not relieve the Market Maker of the obligation to provide continuous two-sided quotes on a daily basis, nor will it prohibit the Exchange from taking disciplinary action against a Market Maker for failing to meet the continuous quoting obligation each trading day.

(4) If a technical failure or limitation of a system of the Exchange prevents the Market Maker from maintaining or communicating to the Exchange timely and

accurate quotes in an options series, the duration of such failure shall not be considered in determining whether the Market Maker has satisfied the quoting standard with respect to that option series.

(5) The continuous quoting obligations set forth above: (i) shall be suspended during a trading halt, suspension, or pause in the underlying security, and shall not re-commence until after the first regular way transaction on the primary listing market in the underlying security following such halt, suspension, or pause in the underlying security, as reported by the responsible single plan processor, and (ii) shall be suspended for the duration that an underlying NMS stock is in a Limit State or a Straddle State.

(6) Market Makers shall not be required to make two-sided markets pursuant to this Rule in any Quarterly Option Series, any adjusted option series, and any option series until the time to expiration for such series is less than nine months. Accordingly, the continuous quotation obligations set forth in this Rule shall not apply to Market Makers respecting Quarterly Option Series, adjusted option series, and series with an expiration of nine months or greater. For purposes of this subsection, an adjusted option series is an option series wherein, as a result of a corporate action by the issuer of the underlying security, one option contract in the series represents the delivery of other than 100 shares of underlying stock or Exchange-Traded Fund Shares.

(7) The Exchange may consider other exceptions to this continuous quoting obligation based on demonstrated legal or regulatory requirements or other mitigating circumstances.

(e) Options Classes Other Than Those in Which Registered.

A Market Maker shall be considered an OEF under the Rules in all classes of options listed on EDGX Options. The total number of contracts executed by a Market Maker in series in which it is not registered as a Market Maker shall not exceed twenty-five (25) percent of the total number of all contracts executed by the Market Maker in any calendar quarter.

Rule 22.7. 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 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 or related securities trading in an account which has not been reported pursuant to this Rule.

(b) Reports of Orders.

Each Market Maker shall, upon request and in the prescribed form, report to the Exchange every order entered by the Market Maker for the purchase or sale of (1) a security underlying options traded on EDGX Options, or (2) 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 options contract unless each participant in such joint account is an Options 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 EDGX Options 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 Exchange Rules.

(4) Not be a Market Maker registered to the same options classes to which the joint account holder is also registered as a Market Maker.

Interpretations and Policies

.01 Reports of accounts and transactions required to be filed with EDGX Options pursuant to this Rule relate only to accounts in which a Market Maker, as an individual, directly or indirectly controls trading activities or has a direct interest in the profits or losses of such account. Such reports would be required for accounts over which a Market Maker exercises investment discretion as well as a Market Maker's proprietary accounts.

Rule 22.8. Letters of Guarantee

(a) Required of Each Options Member.

No Options Member shall make any transactions on EDGX Options 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 EDGX Options Transactions made by the guaranteed Options 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 by the Guarantor Clearing Member. A revocation shall in no way relieve a Clearing Member of responsibility for transactions guaranteed prior to the effective date of such revocation.

Rule 22.9. Financial Requirements for Market Makers

(a) Each Market Maker shall maintain (i) net liquidating equity in its Market Maker account of not less than \$200,000, and in conformity with such guidelines as the Board may establish from time to time, and (ii) net capital sufficient to comply with the requirements of Exchange Act Rule 15c3-1. Each Market Maker which is a Clearing Member shall also maintain net capital sufficient to comply with the requirements of the Clearing Corporation. 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. The term “net liquidating equity” means the sum of positive cash balances and long securities positions less negative cash balances and short securities positions.

(b) Each Market Maker that makes an arrangement to finance his transactions as a Market Maker must identify in writing 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 22.10. Limitations on Dealings

(a) General Rule.

A Market Maker on EDGX Options 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; or
- (3) functioning as an Order Entry Firm, except where such Market Maker, or broker-dealer with which such Market Maker is affiliated: (A) engages solely in proprietary trading and does not, under any circumstance, maintain customer accounts or solicit or accept orders or funds from or on behalf of customers, including broker-dealers and other securities firms; and (B) does not place or accept or utilize any order

types which call for the participation of, or interaction with, public customers, including broker-dealers and other securities firms.

(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 designated representatives of an Options Member performing the function of a Market Maker and persons conducting the Other Business Activities. However, upon request and not on his own initiative, a designated representative of an Options Member performing the function of a Market Maker may furnish to a person performing the function of an OEF or other persons at the same firm or an affiliated firm (“affiliated persons”), the same market or trading information, so long as the Market Maker also may make available such information to non-affiliated persons with whom the Market Maker may have the same type of business relationship. The designated representative of a Market Maker 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 nonpublic 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:

(A) the designated representative of an Options Member 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; and

(B) 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 Paragraph (b)(1) of this Rule.

(C) 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 Exchange Rules; and

(ii) the same person or persons (the “Supervisor”) may be responsible for the supervision of the market making and OEF 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:

- 1) actually perform the function of either a Market Maker or OEF;
- 2) provide to any person performing the function of an OEF any information relating to market making activity beyond the information that a designated representative of an Options Member performing the function of a Market Maker may provide under subparagraph (b)(1), above; nor
- 3) provide a designated representative of an Options Member performing the function of Market Maker with specific information regarding the firm's pending transactions or order flow arising out of its OEF activities.

(D) Documenting and Reporting of Information Barrier Procedures. An Options Member implementing an Information Barrier pursuant to this Rule shall submit to EDGX Options a written statement setting forth:

(i) 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;

(ii) The names and titles of the person or persons responsible for maintenance and surveillance of the procedures;

(iii) A commitment to provide the Exchange with such information and reports as the Exchange may request relating to its transactions;

(iv) A commitment to take appropriate remedial action against any person violating this Rule or the Options Member's internal compliance and audit procedures adopted pursuant to paragraph (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;

(v) Whether the Options 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 Options Member's Information Barrier, which procedures, at a minimum, must be the same as those used by the Options Member or the affiliate to clear for unaffiliated third parties; and

(vi) 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 Exchange Rules, and that the Exchange intends to review carefully any such trading of which it becomes aware to determine whether a violation has occurred.

(E) Exchange Approval of Information Barrier Procedures. The written statement required by paragraph (D) of this Rule must detail the internal controls that the Options 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 Options Member are acceptable under this Rule, the Exchange shall so inform the Options Member, in writing. Absent the Exchange finding an Options Member's Information Barrier procedures acceptable, a Market Maker may not conduct Other Business Activities.

(F) Clearing Arrangements. Paragraph (D)(v) permits an Options Member or an affiliate of the Options 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:

(i) 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.

(ii) 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 and Rules.

An Options Member may simultaneously cancel all its bids, offers, and orders in all series of options or in all options for a specified underlying security by requesting the Exchange staff to effect such cancellation.

Rule 22.12. Order Exposure Requirements

With respect to orders routed to EDGX Options, Options Members may not execute as principal orders they represent as agent unless (a) agency orders are first exposed on EDGX Options for at least one (1) second or (b) the Options Member has been bidding or offering on EDGX Options for at least one (1) second prior to receiving an agency order that is executable against such bid or offer.

Interpretations and Policies

.01 This Rule prevents Options Members from executing agency orders to increase its economic gain from trading against the order without first giving other trading interest on EDGX Options an opportunity to either trade with the agency order or to trade at the execution price when the Options Member was already bidding or offering on the EDGX Options Book. However, the Exchange recognizes that it may be possible for an Options Member to establish a relationship with a customer or other person to deny agency orders the opportunity to interact on EDGX Options and to realize similar economic benefits as it would achieve by executing agency orders as principal. It will be a violation of this Rule for an Options Member to be a party to any arrangement designed to circumvent this Rule by providing an opportunity for a customer to regularly execute against agency orders handled by the Options Member immediately upon their entry into EDGX Options.

.02 It will be a violation of this Rule for an Options Member to cause the execution of an order it represents as agent on EDGX Options against orders it solicited from members and non-member broker-dealers, whether such solicited orders are entered into EDGX Options directly by the Options Member or by the solicited party (either directly or through another Options Member), if the Options Member fails to expose orders on EDGX Options as required by this Rule.

.03 With respect to non-displayed trading interest, including the reserve portion, the exposure requirement of subsection (a) of this Rule is satisfied if the displayable portion of the order is displayed at its displayable price for one second.

.04 Prior to or after submitting an order to EDGX Options, an Options Member cannot inform another Options Member or any other third party of any of the terms of the order.

CHAPTER XXIII. EXERCISES AND DELIVERIES**Rule 23.1. Exercise of Options Contracts**

(a) Subject to the restrictions set forth in Rule 18.9 (Exercise Limits) and to such restrictions as may be imposed pursuant to Rule 18.12 (Other Restrictions on Options Transactions and Exercises) or pursuant to the Rules of the Clearing Corporation, an outstanding options 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 the account of which such options contract is carried with the Clearing Corporation. Options 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 business day of 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 EDGX Options 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 EDGX Options through the participant’s clearing firm as specified in paragraph (d) below.

(c) Exercise cut-off time.

Option holders have until 5:30 p.m. Eastern Time on the expiration date to make a final decision to exercise or not exercise an expiring option. Options 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: (A) to not exercise an option that would be automatically exercised under the Clearing Corporation’s Ex-by-Ex procedure, or (B) to exercise an option that would not be automatically exercised under the Clearing Corporation’s Ex-by-Ex procedure.

(1) A Contrary Exercise Advice may be submitted to EDGX Options by an Options Member by using 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 EDGX Options may prescribe. A Contrary Exercise Advice may be canceled by filing an “Advice Cancel”

with EDGX Options or resubmitted at any time up to the submission cut-off times specified below.

(2) Deadline for CEA Submission for Customer Accounts. An Options Member has until 7:30 p.m. Eastern Time to submit a Contrary Exercise Advice.

(3) Deadline for CEA Submission for Non-Customer Accounts. An Options Member has until 7:30 p.m. Eastern Time to submit a Contrary Exercise Advice if such Options Member employs an electronic submission procedure with time stamp for the submission of exercise instructions by option holders. An Options Member is required to manually submit a Contrary Exercise Advice by 5:30 p.m. Eastern Time for non-customer accounts if such Options Member does 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, Options Members must either: (1) submit to EDGX Options, a Contrary Exercise Advice, in a manner specified by EDGX Options, 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 Options 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 EDGX Options.

(f) An Options Member that has accepted the responsibility to indicate final exercise decisions on behalf of another Options Member or non-Member broker-dealer shall take the necessary steps to ensure that such decisions are properly indicated to EDGX Options. Such Member may establish a processing cut-off time prior to EDGX Options'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, Options 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 Options Member and a copy thereof shall be filed with EDGX Options 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 an Options Member of a decision regarding exercise, or an Options

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 Options Member seeking to rely on such exceptions.

(h) In the event EDGX Options provides advance notice on or before 5:30 p.m. Eastern Time on the business day immediately prior to the expiration date indicating that a modified time for the close of trading in equity options on such expiration date 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 paragraph (c) of this Rule. However, an Options Member has until 7:30 p.m. Eastern Time to deliver a Contrary Exercise Advice or Advice Cancel to EDGX Options for customer accounts and non-customer accounts where such Options Member employs an electronic submission procedure with time stamp for the submission of exercise instructions. For non-customer accounts, Options 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 paragraph (d) of this Rule.

(i) Modification of cut-off time.

(1) EDGX Options 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 bids and offers and/or execute or route orders; or other similar occurrences.

(2) EDGX Options with at least one (1) business day prior advance notice, by 12:00 noon Eastern Time 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 expiration date.

(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 Options Member to follow the procedures in this Rule 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 EDGX Options.

(1) Clearing Members must follow the procedures of the Clearing Corporation when exercising American-style cash-settled index options contracts issued or to be issued in any account at the Clearing Corporation. Options Members must also follow the procedures set forth below with respect to American-style cash-settled index options:

(1) For all contracts exercised by the Options Member or by any customer of the Options Member, an “exercise advice” must be delivered by the Options Member in such form or manner prescribed by the Exchange no later than 4:20 p.m. Eastern Time, or if trading hours are extended or modified in the applicable options class, no later than five (5) minutes after the close of trading on that day.

(2) Subsequent to the delivery of an “exercise advice,” should the Options Member or a customer of the Options Member determine not to exercise all or part of the advised contracts, the Options Member must also deliver an “advice cancel” in such form or manner prescribed by the Exchange no later than 4:20 p.m. Eastern Time, or if trading hours are extended or modified in the applicable options class, no later than five (5) minutes after the close of trading on that day.

(3) The Exchange may determine to extend the applicable deadline for the delivery of “exercise advice” and “advice cancel” notifications pursuant to this paragraph (1) if unusual circumstances are present.

(4) No Options Member may prepare, time stamp or submit an “exercise advice” prior to the purchase of the contracts to be exercised if the Options Member knew or had reason to know that the contracts had not yet been purchased.

(5) The failure of any Options Member to follow the procedures in this paragraph (1) 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.

(6) Preparing or submitting an “exercise advice” or “advice cancel” after the applicable deadline on the basis of material information released after such deadline, in addition to constituting a violation of this Rule, is activity inconsistent with just and equitable principles of trade.

(7) The procedures set forth in subparagraphs (1)-(2) of this paragraph (1) do not apply (A) on the business day prior to expiration in series expiring on a day other than a business day or (B) on the expiration day in series expiring on a business day.

(8) Exercises of American-style, cash-settled index options (and the submission of corresponding “exercise advice” and “advice cancel” forms) shall be prohibited during any time when trading in such options is delayed, halted, or suspended, subject to the following exceptions:

(A) The exercise of an American-style, cash-settled index option may be processed and given effect in accordance with and subject to the rules of the Clearing Corporation while trading in the option is delayed, halted, or suspended if it can be documented, in a form prescribed by the Exchange, that the decision to exercise the option was made during allowable time frames prior to the delay, halt, or suspension.

(B) Exercises of expiring American-style, cash-settled index options shall not be prohibited on the expiration date.

(C) Exercises of American-style, cash-settled index options shall not be prohibited during a trading halt that occurs at or after 4:00 p.m. Eastern Time. In the event of such a trading halt, exercises may occur through 4:20 p.m. Eastern Time. In addition, if trading resumes following such a trading halt (pursuant to Rule 20.4 (Resumption of Trading After a Halt)), exercises may occur during the resumption of trading and for five (5) minutes after the close of the resumption of trading. The provisions of this subparagraph (C) are subject to the authority of the Exchange to impose restrictions on transactions and exercises pursuant to Rule 18.12 (Other Restrictions on Options Transactions and Exercises).

(D) The Exchange may determine to permit the exercise of American style, cash-settled index options while trading in such options is delayed, halted, or suspended.

Interpretations and Policies

.01 For purposes of this Rule, the terms “customer account” and “non-customer account” have the same meaning as defined in the Clearing Corporation By-Laws Article I(C)(28) and Article I(N)(2), respectively.

.02 Each Options 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 Options 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 23.2. Allocation of Exercise Notices

(a) Each Options Member shall establish fixed procedures for the allocation of exercise notices assigned in respect of a short position in such Options 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 Options Member shall inform its customers in writing of the method it uses to allocate exercise notices to its customers' account, explaining its manner of operation and the consequences of that system.

(b) Each Options Member shall report its proposed method of allocation to the Exchange and obtain the Exchange's prior approval thereof, and no Options 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 Options 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 23.3. Delivery and Payment

(a) Delivery of the underlying security upon the exercise of an options 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 options contract by a customer, the Options Member shall require the customer to make full cash payment of the aggregate exercise price in the case of a call options contract, or to deposit the underlying security in the case of a put options contract, or to make the required margin deposit in respect thereof if the transaction is effected in a margin account, in accordance with Exchange Rules, the provisions of Chapter XXVIII, 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 Options Member shall require the customer to deposit the underlying security in the case of a call options 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 options 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 Exchange Rules, the provisions of Chapter XXVIII, and the applicable regulations of the Federal Reserve Board.

CHAPTER XXIV. RECORDS, REPORTS AND AUDITS**Rule 24.1. Maintenance, Retention and Furnishing of Books, Records and Other Information**

(a) Each Options Member shall make, keep current and preserve such books and records as the Exchange may prescribe pursuant to Exchange Rules and as may be prescribed by the Exchange Act and the rules and regulations thereunder.

(b) No Options Member shall refuse to make available to the Exchange such books, records or other information as may be called for under Exchange Rules or as may be requested in connection with an investigation by the Exchange.

(c) All Options Members shall prepare and make available all books and records as required by Exchange Rules in English and U.S. dollars.

Rule 24.2. Reports of Uncovered Short Positions

(a) Upon request of the Exchange, each Options Member shall submit a report of the total uncovered short positions in each options contract of a class dealt in on EDGX Options showing:

(1) positions carried by such Options Member for its own account; and

(2) positions carried by such Options Member for the accounts of Customers;

(3) provided that the Options Member shall not report positions carried for the accounts of other Options Members where such other Options 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 24.3. Financial Reports and Audits

Each Options 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 under Exchange Rules.

Rule 24.4. Automated Submission of Trade Data

(a) An Options 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 Options Member for any account in which such Member, or any person associated with

the Options Member, is directly or indirectly interested, the Options 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 Options Member submitting the data;

(2) Clearing house number(s) or alpha symbol(s) as may be used from time to time, of the Options 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:

(A) the number of shares traded or held by accounts for which options data is submitted;

(B) 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; and

(8) Market center where transaction was executed.

(c) If the transaction was effected or caused to be effected by the Options Member for any Customer, such Options 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) If the transaction was effected for a Public Customer, 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); and

(3) If the transaction was effected for an Options Member's 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, an Options 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 24.5. 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 and foreign self-regulatory organizations, as well as associations and contract markets and the regulators of such markets.

(b) No Options Member, partner, officer, director or other person associated with an Options 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 Options Members and affiliates of the Intermarket Surveillance Group. The requirements of this paragraph (b) shall apply regardless whether the Exchange has itself initiated a form investigation or disciplinary proceeding.

(c) Whenever information is requested by the Exchange pursuant to this Rule, the Options Member or person associated with an Options Member from whom the information is requested shall have the same rights and procedural protections in responding to such request as such Options Member or person would have in the case of any other request for information initiated by the Exchange pursuant to the Exchange's investigative powers.

Rule 24.6. Risk Analysis of Options Market Maker Accounts

Each Clearing Member that clears or guarantees the transactions of Market Makers pursuant to Rule 22.8 (Letters of Guarantee), 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. 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.

CHAPTER XXV. DISCIPLINE AND SUMMARY SUSPENSIONS**Rule 25.1. Suspensions**

The provisions of Chapter VII (Suspension by Chief Regulatory Officer), Chapter VIII (Discipline), Chapter IX (Arbitration), and Chapter X (Adverse Action) of the Exchange Rules shall be applicable to Options Members and trading on EDGX Options.

Rule 25.2. Contracts of Suspended Members

(a) When an Options Member, other than a Clearing Member, is suspended pursuant to the Rules in this Chapter, all open short positions of the suspended Options Member in options contracts and all open positions resulting from exercise of options 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 Options Members carrying such positions for the account of the suspended Options 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 Options Members of EDGX Options.

(b) No temporary waiver hereunder by the Exchange shall relieve the suspended Options 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 the Rules in this Chapter, the positions of such Clearing Member shall be closed out in accordance with the Rules of the Clearing Corporation.

Rule 25.3. Penalty for Minor Rule Violations

The following EDGX Options rule and policy violations may be determined by the Exchange to be minor in nature. If so, the Exchange may, with respect to any such violation, proceed under Rule 8.15 (Imposition of Fines for Minor Violation(s) of Rules) and impose the fine set forth below. The Exchange is not required to proceed under said Rules as to any rule violation and may, whenever such action is deemed appropriate, commence a disciplinary proceeding under Chapter VIII (Discipline) rules as to any such violation. A subsequent violation is calculated on the basis of a rolling 24-month period (“Period”).

(a) Position Limit and Exercise Limit Violations.

Violations of Rule 18.7 (Position Limits) or Rule 18.9 (Exercise Limits) of these Rules shall be subject to the fines listed below.

<u>Number of Violations Within One Period*</u>	<u>Fine Amount</u>
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<u>First Offense</u>	<u>\$500</u>
<u>Second Offense</u>	<u>\$1,000</u>
<u>Third Offense</u>	<u>\$2,500</u>
<u>Fourth and Each Subsequent Offense</u>	<u>\$5,000</u>

* A violation that consists of (i) a 1 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.

(b) Reports Related to Position Limits.

Violations of Rule 18.10 regarding the failure to accurately report position and account information shall be subject to the fines listed below.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>
<u>1</u>	<u>\$500</u>
<u>2</u>	<u>\$1,000</u>
<u>3</u>	<u>\$2,500</u>
<u>4 or more</u>	<u>\$5,000</u>

(c) Order Entry.

Violations of Rule 22.6(a) – (c), (Market Maker Quotations) regarding restrictions on orders entered by Market Makers, will be subject to the fines listed below. Each paragraph of such sections subject to this Rule shall be treated separately for purposes of determining the number of cumulative violations.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>
<u>1 to 5</u>	<u>Letter of Caution</u>
<u>6 to 10</u>	<u>\$500</u>

<u>11 to 15</u>	<u>\$1,000</u>
<u>16 to 20</u>	<u>\$2,000</u>

(d) Continuous Quotes.

Violations of Rule 22.6(d) regarding Market Maker continuous bids and offers shall be subject to the fines listed below. Violations of the rule that continue over consecutive trading days will be subject to a separate fine, pursuant to this paragraph (d), for each day during which the violation occurs and is continuing up to a limit of fifteen consecutive trading days. In calculating fine thresholds for each Market Maker, all violations occurring within the Period in any of the Market Makers registered series are to be added together.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>
<u>1</u>	<u>Letter of Caution</u>
<u>2 or more</u>	<u>\$300 per day</u>

(e) Expiring Exercise Declarations.

(1) Non-Cash-Settled Equity Options. Violations of Rule 23.1(a) through (k) regarding expiring exercise declarations and the timely submission of "Advice Cancel" or exercise instruction relating to the exercise or non-exercise of non-cash-settled equity options shall be subject to the fines listed below.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>	
	<u>Individual</u>	<u>Member Organization</u>
<u>1</u>	<u>\$500</u>	<u>\$1,000</u>
<u>2</u>	<u>\$1,000</u>	<u>\$2,500</u>
<u>3 or more</u>	<u>\$2,500</u>	<u>\$5,000</u>

(2) American-Style, Cash-Settled Index Options. Violations of Rule 23.1(l) regarding the failure to submit an Exercise Advice; the submission of an advice and no subsequent exercise; the submission of an Exercise Advice after the designated cut-off time; the submission of an Exercise Advice for an amount different than the amount exercised; and the time-stamping of an advice or exercise instruction memorandum prior to purchasing contracts shall be subject to the fines listed below.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>
<u>1</u>	<u>\$500</u>
<u>2</u>	<u>\$1,000</u>
<u>3</u>	<u>\$2,500</u>
<u>4 or more</u>	<u>\$5,000</u>

(f) Requests for Trade Data.

Any Member who fails to respond within ten (10) business days to a request by the Exchange for submission of trade data pursuant to Rule 24.4 shall be subject to the fines listed below.

<u>Number of Violations Within One Period</u>	<u>Fine Amount</u>
<u>1</u>	<u>\$2,500</u>
<u>2 or more</u>	<u>\$5,000 or Formal Disciplinary Action</u>

CHAPTER XXVI. DOING BUSINESS WITH THE PUBLIC**Rule 26.1. Eligibility**

An OEF may only transact business with Public Customers if such Options Member also is an options 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 options examining authority for the OEF. Eligibility to transact business with the public shall be based upon an OEF's meeting the general requirements set forth in this Chapter and the net capital requirements set forth in Exchange Act Rule 15c3-1 (Net Capital Requirements). Such approval may be withdrawn if any such requirements cease to be met.

Rule 26.2. Opening of Accounts**(a) Approval Required.**

No OEF shall accept an order from a Public Customer to purchase or write an options contract unless the Public 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 Public Customer's account for options transactions, an OEF shall exercise due diligence to learn the essential facts as to the Public Customer and his investment objectives and financial situation, and shall make a record of such information, which shall be retained in accordance with SEC Rule 17a-4 under the Exchange Act. Based upon such information, the branch office manager or other Options Principal shall approve in writing the Public 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 (b) with respect to options Public Customers that are natural persons, an OEF shall seek to obtain the following information at a minimum (information shall be obtained for all participants in a joint account):

(A) investment objectives (e.g., safety of principal, income, growth, trading profits, speculation);

(B) employment status (name of employer, self-employed or retired);

(C) estimated annual income from all sources;

(D) estimated net worth (exclusive of primary residence);

(E) estimated liquid net worth (cash, securities, other);

(F) marital status;

(G) number of dependents;

(H) age; and

(I) 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 (b)(1) above, the Public Customer's account records shall contain the following information, if applicable:

(A) the source or sources of background and financial information (including estimates) concerning the Public Customer;

(B) discretionary trading authorization, including agreement on file, name, relationship to Public Customer and experience of person holding trading authority;

(C) date(s) options disclosure document(s) furnished to Public Customer;

(D) nature and types of transactions for which account is approved (e.g., buying, covered writing, uncovered writing, spreading, discretionary transactions);

(E) name of representative;

(F) name of the Options Principal approving account;

(G) date of approval; and

(H) dates of verification of currency of account information.

(3) Refusal of a Public Customer to provide any of the information called for in this paragraph (b) shall be so noted on the Public 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 Public Customer Background and Financial Information.

The background and financial information upon which the account of every new Public 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

Public Customer's account agreement, shall be sent to the Public Customer for verification or correction within fifteen (15) days after the Public Customer's account has been approved for options transactions. A copy of the background and financial information on file with the OEF shall also be sent to the Public Customer for verification within fifteen (15) days after the OEF becomes aware of any material change in the Public Customer's financial situation. Absent advice from the Public Customer to the contrary, the information will be deemed to be verified.

(d) Agreements to Be Obtained.

Within fifteen (15) days after a Public Customer's account has been approved for options transactions, an OEF shall obtain from the Public Customer a written agreement that the account shall be handled in accordance with the Exchange Rules and the Rules of the Clearing Corporation and that such Public Customer, acting alone or in concert with others, will not violate the position or exercise limits set forth in Rules 18.7 (Position Limits) and 18.9 (Exercise Limits).

(e) Options Disclosure Documents to Be Furnished.

At or prior to the time a Public Customer's account is approved for options transactions, an OEF shall furnish the Public Customer with one (1) or more current options disclosure documents issued by the OCC in accordance with the requirements of Rule 26.10 (Delivery of Current Options Disclosure Documents and Prospectus).

(f) Every OEF transacting business with the public in uncovered options 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 a Public Customer for uncovered short options transactions;

(2) specific procedures for approval of accounts engaged in writing uncovered short options 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 Options Principal(s) as 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 Public Customer uncovered options accounts; and

(5) requirements that Public 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 26.10 (Delivery of Current Options Disclosure Documents and Prospectus).

Rule 26.3. Supervision of Accounts

(a) Duty to Supervise - General.

Each Options Member that conducts a public customer options business shall ensure that its written supervisory system policies and procedures pursuant to Rule 5.1 (Written Procedures) adequately address the Options Member's public customer options business.

(b) Duty to Supervise - Non-Member Accounts.

Every OEF shall develop and implement a written program for the review of the its non-Member Public Customer accounts and all orders in such accounts, insofar as such accounts and orders relate to options contracts.

(c) Duty to Supervise - Uncovered Short Options.

Every OEF shall develop and implement specific written procedures concerning the manner of supervision of Public Customer accounts maintaining uncovered short (written) options positions (which for the purposes of this Rule shall include combinations and any transactions that involve naked writing) and specifically providing for frequent supervisory review of such accounts.

(d) Maintenance of Public Customer Records.

Background and financial information of Public Customers who have been approved for options transactions shall be maintained at the principal supervisory office having jurisdiction over the office servicing a Public Customer's account, or shall have readily accessible and promptly retrievable, information to permit review of each Public Customer's options account on a timely basis to determine:

(1) the compatibility of options transactions with investment objectives and with the types of transactions for which the account was approved;

(2) the size and frequency of options transactions;

(3) commission activity in the account;

(4) profit or loss in the account;

(5) undue concentration in any options class or classes; and

(6) compliance with the provisions of Regulation T of the Federal Reserve Board.

Rule 26.4. Suitability of Recommendations

(a) Every OEF, Options Principal or representative who recommends to a Public Customer the purchase or sale (writing) of any options contract shall have reasonable grounds for believing that the recommendation is not unsuitable for such Public Customer on the basis of the information furnished by such Public Customer after reasonable inquiry as to his investment objectives, financial situation and needs, and any other information known by such OEF, Options Principal or representative.

(b) No OEF, Options Principal or representative shall recommend to a Public Customer an opening transaction in any options contract unless the person making the recommendation has a reasonable basis for believing at the time of making the recommendation that the Public 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 options contract.

Rule 26.5. Discretionary Accounts

(a) Authorization and Approval Required.

No OEF shall exercise any discretionary power with respect to trading in options contracts in a Public Customer's account unless such Public Customer has given prior written authorization and the account has been accepted in writing by an Options Principal.

(1) Each participant shall designate specific Options Principals to review discretionary accounts. An Options Principal other than the Options Principal who accepted the account shall review the acceptance of each discretionary account to determine that the Options Principal accepting the account had a reasonable basis for believing that the Public Customer was able to understand and bear the risks of the strategies or transactions proposed, and the reviewing Options Principal 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 EDGX Options market.

(3) Discretionary accounts shall receive frequent appropriate supervisory review by an Options Principal 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 an OEF is vested with any discretionary power, such record to include the name of the Public Customer, options class and series, number of contracts, premium, and date and time when such transaction took place.

(c) Excessive Transactions Prohibited.

No OEF shall effect with or for any Public Customer's account with respect to which such Member is vested with any discretionary power any transactions of purchase or sale of options

contracts that are excessive in size or frequency in view of the financial resources and character of such account.

(d) Options Programs.

Where the discretionary account utilizes options programs involving the systematic use of one or more options strategies, the Public Customer shall be furnished with a written explanation of the nature and risks of such programs.

(e) 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. Any exercise of time and price discretion must be reflected on the order ticket.

(f) Any participant that does not utilize computerized surveillance tools for the frequent and appropriate review of discretionary account activity must establish and implement procedures to require Options Principal qualified individuals who have been designated to review discretionary accounts to approve and initial each discretionary order on the day entered.

Rule 26.6. Confirmation to Public Customers

(a) Every OEF shall promptly furnish to each Public Customer a written confirmation of each transaction in options contracts that shows the underlying security, type of options, expiration month, exercise price, number of options 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 EDGX Options 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 26.7. Statement of Accounts to Public Customers

(a) Every OEF shall send to its Public 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 Public Customers having a general (margin) account, the Public 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 (b), 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 Public 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 Public Customer, and that such information will be made available to the Public Customer promptly upon request.

(d) Public Customer statements shall bear a legend requesting that the Public Customer promptly advise the Member of any material change in the Public Customer's investment objectives or financial situation.

(e) Public 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 26.8. Statements of Financial Condition to Public Customers

Every OEF shall send to each of its Public Customers statements of the Member's financial condition as required by SEC Rule 17a-5 under the Exchange Act.

Rule 26.9. Addressing of Communications to Public Customers

No OEF 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 OEF 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 26.10. Delivery of Current Options Disclosure Documents and Prospectus

(a) Options Disclosure Documents.

Every OEF shall deliver a current options disclosure document issued by the OCC to each Public Customer at or prior to the time such Public Customer's account is approved for options transactions. Where a Public Customer is a broker or dealer, the OEF 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 Public 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 Public Customer. The Exchange will advise OEFs when an options disclosure document is amended.

(b) The written description of risks required by this Rule shall be in a format prescribed by the Exchange or in a format developed by the Options Member, provided it contains substantially similar information as the prescribed Exchange format and has received prior written approval of the Exchange.

(c) Below is a sample risk description for use by OEFs to satisfy the requirements of paragraph (b) 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 Public Customers approved for options transactions.

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 26.11. Restrictions on Pledge and Lending of Public Customers' Securities

(a) No OEF shall lend, either to itself or to others, securities carried for the account of any Public Customer, unless such OEF shall first have obtained a separate written authorization from such Public Customer permitting the lending of the securities.

(b) Regardless of any agreement between an OEF and a Public Customer authorizing the OEF to lend or pledge such securities, no OEF shall lend or pledge more of such securities than is fair and reasonable in view of the indebtedness of the Public Customer to such OEF, except such lending as may be specifically authorized under paragraph (c) of this Rule.

(c) No OEF shall lend securities carried for the account of any Public 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 Public Customer, unless such OEF first obtains from such Public Customer a separate written authorization designating the particular securities to be loaned.

(d) No OEF shall hold securities carried for the account of any Public 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 Public Customer, unless such securities are segregated and identified by a method that clearly indicates the interest of such Public Customer in those securities.

Rule 26.12. Transactions of Certain Public Customers

(a) No OEF 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 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 OEF is directly or indirectly interested, without the consent of such other OEF.

(b) Where the required consent has been granted, duplicate reports of the transaction and position shall promptly be sent to the Exchange or OEF, as the case may be.

Rule 26.13. Guarantees

No OEF shall guarantee a Public Customer against loss in his account or in any transaction effected with or for such Public Customer.

Rule 26.14. Profit Sharing

(a) No OEF or person associated with an OEF shall share directly or indirectly in the profits or losses in any Public Customer's account, whether carried by such OEF or any other OEF unless the person associated with an OEF obtains prior written consent from the OEF employing such person and such OEF or person associated with an OEF obtains prior written consent from the Public Customer.

(b) Where such consent is obtained, the OEF, person associated with an OEF or Options Principal 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 26.15. Assuming Losses

No OEF shall assume for its own account any position established for a Public Customer in a security traded on the Exchange after a loss to the Public Customer has been established or ascertained, unless the position was created by the OEF's mistake or unless approval of the Exchange has first been obtained.

Rule 26.16. Communications with Public Customers

Options Members and associated persons of Options Members shall be bound to comply with the Communications with Public Customers rule of FINRA, as applicable, as though said rules were part of these Rules.

Rule 26.17. Public Customer Complaints

(a) Every OEF conducting a non-Member Public 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 Public Customer or person acting on behalf of a Public 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 Options Member or such other principal office as shall be designated by the OEF.

(1) Each options-related complaint received by a branch office of an OEF 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; and
- (5) a record of what action, if any, has been taken by the Options Member with respect to the complaint.

CHAPTER XXVII. INTERMARKET LINKAGE RULES**Rule 27.1. Definitions**

(a) The following terms shall have the meaning specified in this Rule solely for the purpose of this Chapter XXVII:

(1) “Best Bid” and “Best Offer” mean the highest priced Bid and the lowest priced Offer.

(2) “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.

(3) “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.

(4) “Complex Trade” means: (i) the execution of an order in an option series in conjunction with the execution of one or more related order(s) in different option series in the same underlying security occurring at or near the same time in a ratio that is equal to or greater than one-to-three (.333) and less than or equal to three-to-one (3.0) and for the purpose of executing a particular investment strategy; or (ii) the execution of a stock option order to buy or sell a stated number of units of an underlying stock or a security convertible into the underlying stock (“convertible security”) coupled with the purchase or sale of option contract(s) on the opposite side of the market representing either (A) the same number of units of the underlying stock or convertible security, or (B) the number of units of the underlying stock or convertible security necessary to create a delta neutral position, but in no case in a ratio greater than eight (8) option contracts per unit of trading of the underlying stock or convertible security established for that series by the Clearing Corporation.

(5) “Crossed Market” means a quoted market in which a Protected Bid is higher than a Protected Offer in a series of an Eligible Class.

(6) “Customer” means an individual or organization that is not a Broker/Dealer.

(7) “Eligible Exchange” means a national securities exchange registered with the SEC in accordance with Section 6(a) of the Exchange Act that: (a) is a Participant Exchange in OCC (as that term is defined in Section VII of the OCC by-laws); (b) is a party to the OPRA Plan (as that term is described in Section I of the OPRA Plan); and (c) if the national securities exchange chooses not to become a party to this Plan, is a participant in another plan approved by the Commission providing for comparable Trade-Through and Locked and Crossed Market protection.

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

(9) “Intermarket Sweep Order (ISO)” means a limit order for an options series that meets the following requirements:

(A) When routed to an Eligible Exchange, the order is identified as an ISO;

(B) Simultaneously with the routing of the order, 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, with such additional orders also marked as ISOs.

(10) “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.

(11) “NBBO” means the national best bid and offer in an option series as calculated by an Eligible Exchange.

(12) “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.

(13) “OCC” means The Options Clearing Corporation.

(14) “OPRA” means the Options Price Reporting Authority.

(15) “OPRA Plan” means the plan filed with the SEC pursuant to Section 11A(a)(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.

(16) “Participant” means an Eligible Exchange whose participation in the Plan has become effective pursuant to Section 3(c) of the Plan.

(17) “Plan” means the Options Order Protection and Locked/Crossed Market Plan, as such plan may be amended from time to time.

(18) “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.

(19) “Protected Quotation” means a Protected Bid or Protected Offer.

(20) “Quotation” means a Bid or Offer.

(21) “SEC” means the United States Securities and Exchange Commission.

(22) “Trade-Through” means a transaction in an options series at a price that is lower than a Protected Bid or higher than a Protected Offer.

Rule 27.2. 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) pertaining to the satisfaction of Trade-Throughs shall not apply under the following circumstances:

(1) If an Eligible Exchange repeatedly fails to respond within one (1) second to incoming orders attempting to access its Protected Quotations, the Exchange may bypass those Protected Quotations by:

(A) Notifying the non-responding Eligible Exchange immediately after (or at the same time as) electing self-help; and

(B) 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 Protected Quotations of an Eligible Exchange is made pursuant to this sub-paragraph, 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;

(5) 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;

(6) The Eligible Exchange displaying the Protected Quotation that was traded through had displayed, within one (1) 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;

(7) The Protected Quotation traded through was being disseminated from an Eligible Exchange whose Quotations were Non-Firm with respect to such options series;

(8) The transaction that constituted the Trade-Through was effected as a portion of a Complex Trade;

(9) 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:

(A) the stopped order was for the account of a Customer;

(B) the Customer agreed to the specified price on an order-by-order basis; and

(C) 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;

(10) 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

(11) 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.

Interpretations and Policies

.01 Notwithstanding the exceptions set forth above, in the event of a Crossed Market, unless an order is marked ISO, the Exchange will not execute any portion of a bid at a price more than the greater of 5 cents or 0.5 percent higher than the lowest Protected Offer or any portion of an offer that would execute at a price more than the greater of 5 cents or 0.5 percent lower than the highest Protected Bid. Upon instruction from a User, the Exchange will cancel any incoming order from such User in the event of a Crossed Market.

.02 To the extent an incoming order is executable because a Protected Bid is crossing a Protected Offer as set forth in paragraph (b)(3) of this Rule but such incoming order is eligible for routing and there is a Protected Bid or Protected Offer available at another options exchange that is better priced than the bid or offer against which the order would execute on the Exchange,

the Exchange will first seek to route the order to such better priced quotation pursuant to Rule 21.9.

Rule 27.3. 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.

CHAPTER XXVIII. MARGIN REQUIREMENTS**Rule 28.1. General Rule**

No Options Member or associated person may effect a transaction or carry an account for a Customer, whether an Options Member or non-Member of EDGX Options, without proper and adequate margin in accordance with this Chapter XXVIII and Regulation T.

Rule 28.2. Time Margin Must be Obtained

The amount of margin required by this Chapter XXVIII shall be obtained as promptly as possible and in any event within a reasonable time.

Rule 28.3. Margin Requirements

(a) An Options Member or associated person must be bound by the initial and maintenance margin requirements of either the Chicago Board Options Exchange (“CBOE”) or the New York Stock Exchange (“NYSE”) 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, an Options Member or associated person shall be bound to comply with the margin rules of the CBOE or the NYSE, as applicable, as though said rules were part of these Rules.

Rule 28.4. 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 an Options Member or associated person from requiring margin in an amount greater than that specified.

(b) EDGX Options may at any time impose higher margin requirements with respect to such positions when it deems such higher margin requirements to be advisable.

CHAPTER XXIX. INDEX RULES**Rule 29.1. Application of Index Rules**

The Rules in this Chapter are applicable only to index options (options on indices of securities as defined below). The Rules in Chapters XVI through XXIII are also applicable to the options provided for in this Chapter, unless such Rules are specifically replaced or are supplemented by Rules in this Chapter. Where the Rules in this Chapter indicate that particular indices or requirements with respect to particular indices will be “Specified,” the Exchange shall file a proposed rule change with the Commission to specify such indices or requirements.

Rule 29.2. Definitions

(a) The term “aggregate exercise price” means the exercise price of the options contract times the index multiplier.

(b) The term “American-style index option” means an option on an industry or market index that can be exercised on any business day prior to expiration.

(c) The term “A.M.-settled index option” means an index options contract for which the current index value at expiration shall be determined as provided in Rule 29.11(a)(5).

(d) The term “call” means an options 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 current index value times the index multiplier.

(e) The term “current index value” with respect to a particular index options contract means the level of the underlying index reported by the reporting authority for the index, or any multiple or fraction of such reported level specified by EDGX Options. The current index value with respect to a reduced-value long term options contract is one-tenth of the current index value of the related index option. The “closing index value” shall be the last index value reported on a business day.

(f) The term “exercise price” means the specified price per unit at which the current index value may be purchased or sold upon the exercise of the option.

(g) Unless separately defined in these Rules, the term “expiration date” means the third Friday of the expiration month of an option contract, or if such Friday is a day on which the Exchange on which such option is listed is not open for business, the preceding day on which such Exchange is open for business.

(h) The term “European-style index option” means an option on an industry or market index that can be exercised only on the business day of expiration.

(i) The term “index multiplier” means the amount specified in the contract by which the current index value is to be multiplied to arrive at the value required to be delivered to the holder of a call or by the holder of a put upon valid exercise of the contract.

(j) The term “industry index” and “narrow-based index” mean an index designed to be representative of a particular industry or a group of related industries.

(k) The term “market index” and “broad-based index” mean an index designed to be representative of a stock market as a whole or of a range of companies in unrelated industries.

(l) The term “put” means an options 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 current index value times the index multiplier.

(m) The term “Quarterly Options Series” means 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 expires at the close of business on the last business day of a calendar quarter.

(n) The term “reporting authority” with respect to a particular index means the institution or reporting service designated by the Exchange as the official source for (1) calculating the level of the index from the reported prices of the underlying securities that are the basis of the index and (2) reporting such level. The reporting authority for each index approved for options trading on EDGX Options shall be Specified (as provided in Rule 29.1) in the Interpretations and Policies to this Rule.

(o) The term “Short Term Option Series” means 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 Thursday or Friday that is a business day and that expires on any of the next five (5) consecutive Fridays. If a Thursday or Friday is not a business day, the series may be opened (or shall expire) on the first business day immediately prior to that Thursday or Friday, respectively.

(p) The term “underlying security” or “underlying securities” with respect to an index options contract means any of the securities that are the basis for the calculation of the index.

Interpretations and Policies

01. The reporting authorities designated by the Exchange in respect of each index underlying an index options contract traded on the Exchange are as provided below.

Index Reporting Authority

(Reserved.)

Rule 29.3. Designation of a Broad-Based Index

(a) The component securities of an index underlying a broad-based index option contract need not meet the requirements of Rule 19.3 (Criteria for Underlying Securities). Except as set forth in subparagraph (b) below, the listing of a class of index options on a broad-based index requires the filing of a proposed rule change to be approved by the SEC under Section 19(b) of the Exchange Act.

(b) EDGX Options may trade options on a broad-based index pursuant to Rule 19b-4(e) of the Securities Exchange Act of 1934, if each of the following conditions is satisfied:

- (1) The index is broad-based, as defined in Rule 29.2(k);
- (2) Options on the index are designated as A.M.-settled;
- (3) The index is capitalization-weighted, modified capitalization weighted, price-weighted, or equal dollar-weighted;
- (4) The index consists of 50 or more component securities;
- (5) Component securities that account for at least ninety-five percent (95%) of the weight of the index have a market capitalization of at least \$75 million, except that component securities that account for at least sixty-five percent (65%) of the weight of the index have a market capitalization of at least \$100 million;
- (6) Component securities that account for at least eighty percent (80%) of the weight of the index satisfy the requirements of Rule 19.3 applicable to individual underlying securities;
- (7) Each component security that accounts for at least one percent (1%) of the weight of the index has an average daily trading volume of at least 90,000 shares during the last six month period;
- (8) No single component security accounts for more than ten percent (10%) of the weight of the index, and the five highest weighted component securities in the index do not, in the aggregate, account for more than thirty-three percent (33%) of the weight of the index;
- (9) Each component security must be an “NMS stock” as defined in Rule 600 of Regulation NMS under the Exchange Act;
- (10) Non-U.S. component securities (stocks or ADRs) that are not subject to comprehensive surveillance agreements do not, in the aggregate, represent more than twenty percent (20%) of the weight of the index;
- (11) The current index value is widely disseminated at least once every fifteen (15) seconds by OPRA, CTA/CQ, NIDS or one or more major market data vendors during the time options on the index are traded on EDGX Options;
- (12) EDGX Options reasonably believes it has adequate system capacity to support the trading of options on the index, based on a calculation of EDGX Options’s current ISCA allocation and the number of new messages per second expected to be generated by options on such index;

(13) An equal dollar-weighted index is rebalanced at least once every calendar quarter;

(14) If an index is maintained by a broker-dealer, the index is calculated by a third-party who is not a broker-dealer, and the broker-dealer has erected an informational barrier around its personnel who have access to information concerning changes in, and adjustments to, the index;

(15) The Exchange has written surveillance procedures in place with respect to surveillance of trading of options on the index.

(c) The following maintenance listing standards shall apply to each class of index options originally listed pursuant to paragraph (b) above:

(1) The requirements set forth in subparagraphs (b)(1) - (b)(3) and (b)(9) - (b)(15) must continue to be satisfied. The requirements set forth in subparagraphs (b)(5) - (b)(8) must be satisfied only as of the first day of January and July in each year;

(2) The total number of component securities in the index may not increase or decrease by more than ten percent (10%) from the number of component securities in the index at the time of its initial listing. In the event a class of index options listed on EDGX Options fails to satisfy the maintenance listing standards set forth herein, EDGX Options shall not open for trading any additional series of options of that class unless the continued listing of that class of index options has been approved by the SEC under Section 19(b)(2) of the Exchange Act.

Rule 29.4. Dissemination of Information

(a) EDGX Options shall disseminate, or shall assure that the current index value is disseminated, after the close of business and from time-to-time on days on which transactions in index options are made on EDGX Options.

(b) EDGX Options shall maintain, or shall assure that the current index value is maintained in files available to the public, information identifying the stocks whose prices are the basis for calculation of the index and the method used to determine the current index value.

Rule 29.5. Position Limits for Broad-Based Index Options

(a) Options Members shall comply with the applicable rules of the Chicago Board Options Exchange with respect to position limits for broad based index options or with the applicable rules of EDGX Options for broad-based index options traded on EDGX Options but not traded on the Chicago Board Options Exchange.

(b) Index options contracts shall not be aggregated with options contracts on any stocks whose prices are the basis for calculation of the index.

(c) Positions in reduced-value index options shall be aggregated with positions in full-value indices. For such purposes, ten reduced-value contracts shall equal one contract.

Rule 29.6. Designation of Narrow-Based and Micro-Narrow-Based Index Options

(a) The component securities of an index underlying a narrow-based index option contract need not meet the requirements of Rule 19.3 (Criteria for Underlying Securities). Except as set forth in subparagraph (b) below, the listing of a class of index options on a narrow-based index requires the filing of a proposed rule change to be approved by the SEC under Section 19(b) of the Exchange Act.

(b) Narrow-Based Index.

EDGX Options may trade options on a narrow-based index pursuant to Rule 19b-4(e) of the 1934 Act, if each of the following conditions is satisfied:

- (1) The options are designated as A.M.-settled index options;
- (2) The index is capitalization-weighted, price-weighted, equal dollar-weighted, or modified capitalization-weighted, and consists of ten or more component securities;
- (3) Each component security has a market capitalization of at least \$75 million, except that for each of the lowest weighted component securities in the index that in the aggregate account for no more than 10% of the weight of the index, the market capitalization is at least \$50 million;
- (4) Trading volume of each component security has been at least one million shares for each of the last six months, except that for each of the lowest weighted component securities in the index that in the aggregate account for no more than 10% of the weight of the index, trading volume has been at least 500,000 shares for each of the last six months;
- (5) In a capitalization-weighted index or a modified capitalization-weighted index, the lesser of the five highest weighted component securities in the index or the highest weighted component securities in the index that in the aggregate represent at least 30% of the total number of component securities in the index each have had an average monthly trading volume of at least 2,000,000 shares over the past six months;
- (6) No single component security represents more than 30% of the weight of the index, and the five highest weighted component securities in the index do not in the aggregate account for more than 50% (65% for an index consisting of fewer than 25 component securities) of the weight of the index;
- (7) Component securities that account for at least 90% of the weight of the index and at least 80% of the total number of component securities in the index satisfy

the requirements of Rule 19.3 (Criteria for Underlying Securities) applicable to individual underlying securities;

(8) Each component security must be an “NMS stock” as defined in Rule 600 of Regulation NMS of the Securities Exchange Act of 1934;

(9) Non-U.S. component securities (stocks or ADRs) that are not subject to comprehensive surveillance agreements do not in the aggregate represent more than 20% of the weight of the index;

(10) The current underlying index value will be reported at least once every fifteen seconds during the time the index options are traded on the Exchange;

(11) An equal dollar-weighted index will be rebalanced at least once every calendar quarter; and

(12) If an underlying index is maintained by a broker-dealer, the index is calculated by a third party who is not a broker-dealer, and the broker-dealer has erected a “Chinese Wall” around its personnel who have access to information concerning changes in and adjustments to the index.

(c) Maintenance Criteria.

The following maintenance listing standards shall apply to each class of index options originally listed pursuant to subsection (b) above:

(1) The requirements stated in subsections (b)(1), (3), (6), (7), (8), (9), (10), (11) and (12) must continue to be satisfied, provided that the requirements stated in subparagraph (b)(6) must be satisfied only as of the first day of January and July in each year;

(2) The total number of component securities in the index may not increase or decrease by more than 33 1/3% from the number of component securities in the index at the time of its initial listing, and in no event may be less than nine component securities;

(3) Trading volume of each component security in the index must be at least 500,000 shares for each of the last six months, except that for each of the lowest weighted component securities in the index that in the aggregate account for no more than 10% of the weight of the index, trading volume must be at least 400,000 shares for each of the last six months;

(4) In a capitalization-weighted index or a modified capitalization-weighted index, the lesser of the five highest weighted component securities in the index or the highest weighted component securities in the index that in the aggregate represent at least 30% of the total number of stocks in the index each have had an average monthly trading volume of at least 1,000,000 shares over the past six months.

In the event a class of index options listed on EDGX Options fails to satisfy the maintenance listing standards set forth herein, EDGX Options shall not open for trading any additional series of options of that class unless such failure is determined by EDGX Options not to be significant and the Commission concurs in that determination, or unless the continued listing of that class of index options has been approved by the Commission under Section 19(b)(2) of the Exchange Act.

(d) Notwithstanding paragraph (a) above, EDGX Options may trade options on a Micro Narrow-Based security index pursuant to Rule 19b-4(e) of the 1934 Act, if each of the following condition is satisfied:

(1) The Index is a security index:

(A) that has 9 or fewer component securities;

(B) in which a component security comprises more than 30 percent of the index's weighting;

(C) in which the 5 highest weighted component securities in the aggregate comprise more than 60 percent of the index's weighting; or

(D) in which the lowest weighted component securities comprising, in the aggregate, 25 percent of the index's weighting have an aggregate dollar value of average daily trading volume of less than \$50,000,000 (or in the case of an index with 15 or more component securities, \$30,000,000) except that if there are two or more securities with equal weighting that could be included in the calculation of the lowest weighted component securities comprising, in the aggregate, 25 percent of the index's weighting, such securities shall be ranked from lowest to highest dollar value of average daily trading volume and shall be included in the calculation based on their ranking starting with the lowest ranked security.

(2) The index is capitalization-weighted, modified capitalization-weighted, price-weighted, share weighted, equal dollar-weighted, approximate equal-dollar weighted, or modified equal-dollar weighted;

(A) For the purposes of this paragraph (d), an approximate equal-dollar weighted index is composed of one or more securities in which each component security will be weighted equally based on its market price on the index's selection date and the index must be reconstituted and rebalanced if the notional value of the largest component is at least twice the notional volume of the smallest component for fifty percent or more of the trading days in the three months prior to December 31 of each year. For purposes of this provision the "notional value" is the market price of the component times the number of shares of the underlying component in the index. Reconstitution and rebalancing are also mandatory if the number of components in the index is greater than five at the

time of rebalancing. EDGX Options reserves the right to rebalance quarterly at its discretion.

(B) For the purposes of this paragraph (d), a modified equal-dollar weighted index is an index in which each underlying component represents a pre-determined weighting percentage of the entire index. Each component is assigned a weight that takes into account the relative market capitalization of the securities comprising the index. A modified equal-dollar weighted index will be balanced quarterly.

(C) For the purposes of this paragraph (d), a share-weighted index is calculated by multiplying the price of the component security by an adjustment factor. Adjustment factors are chosen to reflect the investment objective deemed appropriate by the designer of the index and will be published by the Exchange as part of the contract specifications. The value of the index is calculated by adding the weight of each component security and dividing the total by an index divisor, calculated to yield a benchmark index level as of a particular date. A share-weighted index is not adjusted to reflect changes in the number of outstanding shares of its components. A share-weighted Micro Narrow-Based index will not be rebalanced. If a share-weighted Micro Narrow-Based Index fails to meet the maintenance listing standards under Subsection (e) of this rule, EDGX Options will restrict trading in existing option series to closing transactions and will not issue additional series for that index.

(D) EDGX Options may rebalance any Micro Narrow-Based index on an interim basis if warranted as a result of extraordinary changes in the relative values of the component securities. To the extent investors with open positions must rely upon the continuity of the options contract on the index, outstanding contracts are unaffected by rebalancings.

(3) Each component security in the index has a minimum market capitalization of at least \$75 million, except that each of the lowest weighted securities in the index that in the aggregate account for no more than 10% of the weight of the index may have a minimum market capitalization of only \$50 million;

(4) The average daily trading volume in each of the preceding six months for each component security in the index is at least 45,500 shares, except that each of the lowest weighted component securities in the index that in the aggregate account for no more than 10% of the weight of the index may have an average daily trading volume of only 22,750 shares for each of the last six months;

(5) In a capitalization-weighted index, the lesser of: (1) the five highest weighted component securities in the index each have had an average daily trading volume of at least 90,000 shares over the past six months; or (2) the highest weighted component securities in the index that in the aggregate represent at least 30% of the

total number of component securities in the index each have had an average daily trading volume of at least 90,000 shares over the past six months;

(6) Subject to subparagraphs (4) and (5) above, the component securities that account for at least 90% of the total index weight and at least 80% of the total number of component securities in the index must meet the requirements applicable to individual underlying securities;

(7) (A) Each component security in the index is a “reported security” as defined in Rule 600 of Regulation NMS under the Exchange Act; and

(B) Foreign securities or ADRs that are not subject to comprehensive surveillance sharing agreements do not represent more than 20% of the weight of the index;

(8) The current underlying index value will be reported at least once every fifteen seconds during the time the index options are traded on EDGX Options;

(9) An equal dollar-weighted index will be rebalanced at least once every quarter;

(10) If the underlying index is maintained by a broker-dealer, the index is calculated by a third party who is not a broker-dealer, and the broker-dealer has in place an information barrier around its personnel who have access to information concerning changes in and adjustments to the index;

(11) Each component security in the index is registered pursuant to Section 12 of the Exchange Act; and

(12) Cash settled index options are designated as A.M.-settled options.

(e) The following maintenance listing standards shall apply to each class of index options originally listed pursuant to paragraph (d) above:

(1) The index meets the criteria of paragraph (d)(1) of this Rule;

(2) Subject to subparagraphs (9) and (10) below, the component securities that account for at least 90% of the total index weight and at least 80% of the total number of component securities in the index must meet the requirements of Rule 19.3 (Criteria for Underlying Securities).

(3) Each component security in the index has a market capitalization of at least \$75 million, except that each of the lowest weighted component securities that in the aggregate account for no more than 10% of the weight of the index may have a market capitalization of only \$50 million;

(4) Each component security must be an “NMS stock” as defined in Rule 600 of Regulation NMS under the Exchange Act; and

(5) Foreign securities or ADRs thereon that are not subject to comprehensive surveillance sharing agreements do not represent more than 20% of the weight of the index;

(6) The current underlying index value will be reported at least once every fifteen seconds during the time the index options are traded on EDGX Options;

(7) If the underlying index is maintained by a broker-dealer, the index is calculated by a third party who is not a broker-dealer, and the broker-dealer has in place an information barrier around its personnel who have access to information concerning changes in and adjustments to the index;

(8) The total number of component securities in the index may not increase or decrease by more than 33 1/3% from the number of component securities in the index at the time of its initial listing;

(9) Trading volume of each component security in the index must be at least 500,000 shares for each of the last six months, except that for each of the lowest weighted component securities in the index that in the aggregate account for no more than 10% of the weight of the index, trading volume must be at least 400,000 shares for each of the last six months;

(10) In a capitalization-weighted index and a modified capitalization-weighted index, the lesser of the five highest weighted component securities in the index or the highest weighted component securities in the index that in the aggregate represent at least 30% of the total number of stocks in the index each have had an average monthly trading volume of at least 1,000,000 shares over the past six months;

(11) Each component security in the index is registered pursuant to Section 12 of the Exchange Act;

(12) In an approximate equal-dollar weighted index, the index must be reconstituted and rebalanced if the notional value of the largest component is at least twice the notional volume of the smallest component for fifty percent or more of the trading days in the three months prior to December 31 of each year. For purposes of this provision the “notional value” is the market price of the component times the number of shares of the underlying component in the index. Reconstitution and rebalancing are also mandatory if the number of components in the index is greater than five at the time of rebalancing. EDGX Options reserves the right to rebalance quarterly at its discretion;

(13) In a modified equal-dollar weighted index EDGX Options will rebalance the index quarterly;

(14) In a share-weighted index, if a share-weighted Micro Narrow-Based Index fails to meet the maintenance listing standards under paragraph (e) of this Rule, EDGX Options will not re-balance the index, will restrict trading in existing option series to closing transactions, and will not issue additional series for that index; and

(15) In the event a class of index options listed on EDGX Options fails to satisfy the maintenance listing standards set forth herein, EDGX Options shall not open for trading any additional series of options of that class unless such failure is determined by EDGX Options not to be significant and the Commission concurs in that determination, or unless the continued listing of that class of index options has been approved by the Commission under Section 19 (b)(2) of the 1934 Act.

Rule 29.7. Position Limits for Narrow-Based and Micro-Narrow Based Index Options

(a) Options Members shall comply with the applicable rules of the Chicago Board Options Exchange with respect to position limits for Narrow-Based and Micro-Narrow Based Index Options traded on EDGX Options and also on the Chicago Board Options Exchange or with the applicable rules of EDGX Options for industry index options traded on EDGX Options but not traded on the Chicago Board Options Exchange.

(b) Index options contracts shall not be aggregated with options contracts on any stocks whose prices are the basis for calculation of the index.

(c) Positions in reduced-value index options shall be aggregated with positions in full-value index options. For such purposes, ten (10) reduced-value options shall equal one (1) full-value contract.

Rule 29.8. Exemptions from Position Limits

An options Member may rely upon any available exemptions from applicable position limits granted from time to time by an Options Exchange for any options contract traded on EDGX Options provided that such Options Member (a) provides the Exchange with a copy of any written exemption issued by another Options Exchange or a written, description of any exemption issued by another Options Exchange other than in writing containing sufficient detail for the Exchange to verify the validity of that exemption with the issuing Exchange, and (b) fulfills all conditions precedent for such exemption and complies at all times with the requirements of such exemptions with respect to their trading on EDGX Options.

Rule 29.9. Exercise Limits

(a) In determining compliance with Rule 18.9 (Exercise Limits), exercise limits for index options contracts shall be equivalent to the position limits prescribed for options contracts with the nearest expiration date in Rules 29.5 or 29.7.

(b) For a market-maker granted an exemption to position limits pursuant to Rule 18.8 (Exemptions from Position Limits), the number of contracts that can be exercised over a five business day period shall equal the market-maker's exempted position.

(c) In determining compliance with exercise limits applicable to stock index (options, options contracts on a stock index group shall not be aggregated with options contracts on an underlying stock or stocks included in such group, options contracts on one stock index group shall not be aggregated with options contracts on any other stock index group.

(d) With respect to index options contracts for which an exemption has been granted in accordance with the provisions of Rule 29.8 (Exemptions from Position Limits), the exercise limit shall be equal to the amount of the exemption.

Rule 29.10. Trading Sessions

(a) Days and Hours of Business.

Except as otherwise provided in this Rule or under unusual conditions as may be determined by the Exchange, transactions in index options may be effected on EDGX Options between the hours of 9:30 a.m. and 4:15 p.m. Eastern time. With respect to options on foreign indexes, the Exchange shall determine the days and hours of business.

(b) Instituting Halts and Suspensions.

Trading on EDGX Options in any index option shall be halted or suspended whenever trading in underlying securities whose weighted value represents more than twenty percent (20%), in the case of a broad based index, and ten percent (10%) for all other indices, of the index value is halted or suspended. The Exchange also may halt trading in an index option when, in his or her judgment, such action is appropriate in the interests of a fair and orderly market and to protect investors. Among the facts that may be considered are the following:

(1) whether all trading has been halted or suspended in the market that is the primary market for a plurality of the underlying stocks;

(2) whether the current calculation of the index derived from the current market prices of the stocks is not available;

(3) the extent to which the opening has been completed or other factors regarding the status of the opening; and

(4) other unusual conditions or circumstances detrimental to the maintenance of a fair and orderly market are present, including, but not limited to, the activation of price limits on futures exchanges.

(c) Resumption of Trading Following a Halt or Suspension.

Trading in options of a class or series that has been the subject of a halt or suspension by the Exchange may resume if the Exchange determines that the interests of a fair and orderly market are served by a resumption of trading. Among the factors to be considered in making this determination are whether the conditions that led to the halt or suspension are no longer present, and the extent to which trading is occurring in stocks underlying the index. At the end of a halt, trading in each class of index options shall resume as provided in Rule 20.4 (Resumption of Trading After A Halt).

(d) Circuit Breakers.

Paragraph (c) of Rule 20.5 (Unusual Market Conditions) applies to index options trading with respect to the initiation of a market wide trading halt commonly known as a “circuit breaker.”

(e) Special Provisions for Foreign Indices.

When the hours of trading of the underlying primary securities market for an index option do not overlap or coincide with those of EDGX Options, all of the provisions as described in paragraphs (b), (c), and (d) above shall not apply except for (b)(4).

(f) Pricing When Primary Market Does Not Open.

When the primary market for a security underlying the current index value of an index option does not open for trading on a given day, the price of that security shall be determined, for the purposes of calculating the current index value at expiration, based on the opening price of that security on the next day that its primary market is open for trading. This procedure shall not be used if the current index value at expiration is fixed in accordance with the Rules and By-Laws of the Clearing Corporation.

Rule 29.11. Terms of Index Options Contracts

(a) General.

(1) Meaning of Premium Bids and Offers. Bids and offers shall be expressed in terms of dollars and cents per unit of the index.

(2) Exercise Prices. EDGX Options shall determine fixed-point intervals of exercise prices for call and put options.

(3) Expiration Months. Index options contracts may expire at three (3) month intervals or in consecutive months. EDGX Options may list up to six (6) expiration months at any one time, but will not list index options that expire more than twelve (12) months out.

(4) “European-Style Exercise.” The following European-style index options, some of which may be A.M.-settled as provided in paragraph (a)(5), are approved for trading on EDGX Options:

(A) Nasdaq 100 Index.

(B) Mini Nasdaq 100 Index.

(5) A.M.-Settled Index Options. The last day of trading for A.M.-settled index options shall be the business day preceding the last day of trading in the underlying securities prior to expiration. The current index value at the expiration of an A.M.-settled index option shall be determined, for all purposes under these Rules and the Rules of the Clearing Corporation, on the last day of trading in the underlying securities prior to expiration, by reference to the reported level of such index as derived from first reported sale (opening) prices of the underlying securities on such day, except that:

(A) In the event that the primary market for an underlying security does not open for trading on that day, the price of that security shall be determined, for the purposes of calculating the current index value at expiration, as set forth in Rule 29.10(f), unless the current index value at expiration is fixed in accordance with the Rules and By-Laws of the Clearing Corporation; and

(B) In the event that the primary market for an underlying security is open for trading on that day, but that particular security does not open for trading on that day, the price of that security, for the purposes of calculating the current index value at expiration, shall be the last reported sale price of the security. The following A.M.-settled index options are approved for trading on EDGX Options:

(i) Nasdaq 100 Index.

(ii) Mini Nasdaq 100 Index.

(b) Long-Term Index Options Series.

(1) Notwithstanding the provisions of paragraph (a)(3), above, EDGX Options may list long-term index options series that expire from twelve (12) to sixty (60) months from the date of issuance.

(A) Index long term options series may be based on either the full or reduced value of the underlying index. There may be up to ten (10) expiration months, none further out than sixty (60) 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 twelve (12) months.

(B) When a new Index long term options 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.

(2) Reduced-Value Long Term Options Series.

(A) Reduced-value long term options series may be approved for trading on Specified (as provided in Rule 29.1) indices.

(B) Expiration Months. Reduced-value long term options series may expire at six-month intervals. When a new expiration month is listed, series may be near or bracketing the current index value. Additional series may be added when the value of the underlying index increases or decreases by ten (10) to fifteen (15) percent.

(c) Procedures for Adding and Deleting Strike Prices. The procedures for adding and deleting strike prices for index options are provided in Rule 19.6 (Series of Options Contracts Open for Trading), as amended by the following:

(1) The interval between strike prices will be no less than \$5.00.

(2) New series of index options contracts may be added up to the fifth business day prior to expiration.

(3) When new series of index options with a new expiration date are opened for trading, or when additional series of index options in an existing expiration date are opened for trading as the current value of the underlying index to which such series relate moves substantially from the exercise prices of series already opened, the exercise prices of such new or additional series shall be reasonably related to the current value of the underlying index at the time such series are first opened for trading. In the case of all classes of index options, the term “reasonably related to the current value of the underlying index” shall have the meaning set forth in paragraph (c)(4) below.

(4) Notwithstanding any other provision of this paragraph (c), EDGX Options may open for trading additional series of the same class of index options as the current index value of the underlying index moves substantially from the exercise price of those index options that already have been opened for trading on EDGX Options. The exercise price of each series of index options opened for trading on EDGX Options shall be reasonably related to the current index value of the underlying index to which such series relates at or about the time such series of options is first opened for trading on EDGX Options. The term “reasonably related to the current index value of the underlying index” means that the exercise price is within thirty percent (30%) of the current index value. EDGX Options may also open for trading additional series of index options that are more than thirty percent (30%) away from the current index value, provided that demonstrated customer interest exists for such series, as expressed by institutional, corporate, or individual customers or their brokers. Market-makers trading for their own account shall not be considered when determining customer interest under this provision.

(d) Index Level on the Last Day of Trading. The reported level of the underlying index that is calculated by the reporting authority on the last day of trading in the underlying

securities prior to expiration for purposes of determining the current index value at the expiration of an A.M. settled index option may differ from the level of the index that is separately calculated and reported by the reporting authority and that reflects trading activity subsequent to the opening of trading in any of the underlying securities.

(e) Index Values for Settlement. The Rules of the Clearing Corporation specify that, unless the Rules provide otherwise, the current index value used to settle the exercise of an index options contract shall be the closing index for the day on which the index options contract is exercised in accordance with the Rules of the Clearing Corporation or, if such day is not a business day, for the most recent business day.

(f) Index Level at Expiration. With respect to any securities index on which options are traded on EDGX Options, the source of the prices of component securities used to calculate the current index level at expiration is determined by the reporting authority for that index.

(g) Quarterly Options Series Program. The Exchange may list and trade options series that expire at the close of business on the last business day of a calendar quarter ("Quarterly Options Series"). The Exchange may list Quarterly Options Series for up to five (5) currently listed options classes that are either index options or options on exchange traded funds ("ETF"). 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. 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.

(1) The Exchange will not list a Short Term Option Series on an options class the expiration of which coincides with that of a Quarterly Options Series on that same options class.

(2) Quarterly Options Series shall be P.M. settled.

(3) The strike price of each Quarterly Options Series will be fixed at a price per share, with at least two, but not more than five, strike prices above and two, but not more than five, strike prices below the value of the underlying index at about the time that a Quarterly Options Series is opened for trading on the Exchange. The Exchange may open for trading additional Quarterly Options Series of the same class if the Exchange deems it necessary to maintain an orderly market, to meet customer demand or when the current index value of the underlying index moves substantially from the exercise price of those Quarterly Options Series that already have been opened for trading on the Exchange. The exercise price of each Quarterly Options Series opened for trading on the Exchange shall be reasonably related to the current index value of the underlying index to which such series relates at or about the time such series of options is first opened for trading on the Exchange. The term "reasonably related to the current index value of the underlying index" means that the exercise price is within thirty percent (30%) of the current index value. The Exchange may also open for trading additional Quarterly Options Series that are more than thirty percent (30%) away from the current index value, provided that demonstrated customer interest exists for such

series, as expressed by institutional, corporate, or individual customers or their brokers. Market-makers trading for their own account shall not be considered when determining customer interest under this provision. The Exchange may open additional strike prices of a Quarterly Options Series that are above the value of the underlying index provided that the total number of strike prices above the value of the underlying index is no greater than five. The Exchange may open additional strike prices of a Quarterly Options Series that are below the value of the underlying index provided that the total number of strike prices below the value of the underlying index is no greater than five. The opening of any new Quarterly Options Series shall not affect the series of options of the same class previously opened.

(4) 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.

Except as otherwise provided, all Exchange rules applicable to stock index options will also be applicable to quarterly expiring index options listed pursuant to this Rule.

(h) Short Term Option Series Program. After an index option class has been approved for listing and trading on the Exchange, the Exchange may open for trading on any Thursday or Friday that is a business day (“Short Term Option Opening Date”) series of options on that class that expire on each of the next five (5) Fridays that are business days and are not Fridays in which monthly options series or Quarterly Options Series expire (“Short Term Option Expiration Dates”). The Exchange may have no more than a total of five Short Term Option Expiration Dates. 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 that the options are set to expire, the Short Term Option Expiration Date will be the first business day immediately prior to that Friday. Regarding Short Term Option Series:

(1) The Exchange may select up to fifty (50) currently listed option classes on which Short Term Option Series may be opened on any Short Term Option Opening Date. In addition to the fifty-option class restriction, the Exchange also may list Short Term Option Series on any option classes that are selected by other securities exchanges that employ a similar program under their respective rules. For each option class eligible for participation in the Short Term Option Series Program, the Exchange may open up to thirty (30) Short Term Option Series on index options for each expiration date in that class. The Exchange may also open Short Term Option Series that are opened by other securities exchanges in option classes selected by such exchanges under their respective short term option rules.

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

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

(4) Additional Series. The Exchange may open up to ten (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 value of the underlying index. The Exchange may also open additional strike prices of Short Term Option Series that are more than 30% above or below the current value of the underlying index provided that demonstrated customer interest exists for such series, as expressed by institutional, corporate or individual customers or their brokers. Market-Makers trading for their own account shall not be considered when determining customer interest under this provision. The opening of the new Short Term Option Series shall not affect the series of options of the same class previously opened. In the event that the underlying index has moved such that there are no series that are at least 10% above or below the current value of the underlying index and all existing series have open interest, the Exchange may list additional series, in excess of the thirty series per class limit set forth in Rule 29.11(h)(1), that are between 10% and 30% above or below the value of the underlying index. In the event that the underlying index has moved such that there are no series that are at least 10% above or below the current value of the underlying index, the Exchange will delist any series with no open interest in both the call and the put series having a: (i) strike higher than the highest price with open interest in the put and/or call series for a given expiration week; and (ii) strike lower than the lowest strike price with open interest in the put and/or the call series for a given expiration week, so as to list series that are at least 10% but not more than 30% above or below the current value of the underlying index. Notwithstanding any other provisions in this Rule 29.11(h), Short Term Option Series may be added up to, and including on, the last trading day for that options series.

(5) Strike Interval. The interval between strike prices on Short Term Option Series shall be the same as the strike prices for series in that same index option class that expire in accordance with the normal monthly expiration cycle. During the expiration week of a Short Term Option, the strike price intervals for the Related non-Short Term Option shall be the same as the strike price intervals for the Short Term Option. During the week before the expiration week of a Short Term Option, the

Exchange shall open the related non-Short Term Option for trading in Short Term Option intervals in the same manner permitted by this Rule 29.11(h).

(6) Notwithstanding the requirements set forth in this Rule 29.11 and any Interpretations and Policies thereto, the Exchange may open for trading Short Term Option Series on the Short Term Option Opening Date that expire on the Short Term Option Expiration Date at \$0.50 strike price intervals for option classes that trade in one dollar increments and are in the Short Term Option Series Program.

Rule 29.12. Debit Put Spread Cash Account Transactions

Debit put spread positions in European-style, broad-based index options traded on EDGX Options (hereinafter “debit put spreads”) may be maintained in a cash account as defined by Federal Reserve Board Regulation T Section 220.8 by a Public Customer, provided that the following procedures and criteria are met:

(a) The customer has received the Exchange’s approval to maintain debit put spreads in a cash account carried by an Options Member. A customer so approved is hereinafter referred to as a “spread exemption customer.”

(b) The spread exemption customer has provided all information required on Exchange approved forms and has kept such information current.

(c) The customer holds a net long position in each of the stocks of a portfolio that has been previously established or in securities readily convertible, and additionally in the case of convertible bonds economically convertible, into common stocks which would comprise a portfolio. The debit put spread position must be carried in an account with an Options Member of a self regulatory organization participating in the Intermarket Surveillance Group.

(d) The stock portfolio or its equivalent is composed of net long positions in common stocks in at least four industry groups and contains at least twenty (20) stocks, none of which accounts for more than fifteen percent (15%) of the value of the portfolio (hereinafter “qualified portfolio”). To remain qualified, a portfolio must at all times meet these standards notwithstanding trading activity in the stocks.

(e) The exemption applies to European-style broad-based index options dealt in on EDGX Options to the extent the underlying value of such options position does not exceed the unhedged value of the qualified portfolio. The unhedged value would be determined as follows: (1) the values of the net long or short positions of all qualifying products in the portfolio are totaled; (2) for positions in excess of the standard limit, the underlying market value (A) of any economically equivalent opposite side of the market calls and puts in broad-based index options, and (B) of any opposite side of the market positions in stock index futures, options on stock index futures, and any economically equivalent opposite side of the market positions, assuming no other hedges for these contracts exist, is subtracted from the qualified portfolio; and (3) the market value of the resulting unhedged portfolio is equated to the appropriate number of exempt

contracts as follows — the unhedged qualified portfolio is divided by the correspondent closing index value and the quotient is then divided by the index multiplier or 100.

(f) A debit put spread in EDGX Options-traded broad-based index options with European-style exercises is defined as a long put position coupled with a short put position overlying the same broad-based index and having an equivalent underlying aggregate index value, where the short put(s) expires with the long put(s), and the strike price of the long put(s) exceeds the strike price of the short put(s). A debit put spread will be permitted in the cash account as long as it is continuously associated with a qualified portfolio of securities with a current market value at least equal to the underlying aggregate index value of the long side of the debit put spread.

(g) The qualified portfolio must be maintained with either an Options Member, another broker-dealer, a bank, or securities depository.

(h) The spread exemption customer shall agree promptly to provide the Exchange any information requested concerning the dollar value and composition of the customer's stock portfolio, and the current debit put spread positions.

(1) The spread exemption customer shall agree to and any Options Member carrying an account for the customer shall:

(A) comply with all Rules and regulations;

(B) liquidate any debit put spreads prior to or contemporaneously with a decrease in the market value of the qualified portfolio, which debit put spreads would thereby be rendered excessive; and

(C) promptly notify the Exchange of any change in the qualified portfolio or the debit put spread position which causes the debit put spreads maintained in the cash account to be rendered excessive.

(i) If any Options Member carrying a cash account for a spread exemption customer with a debit put spread position dealt in on EDGX Options has a reason to believe that as a result of an opening options transaction the customer would violate this spread exemption, and such opening transaction occurs, then the Options Member has violated this Rule.

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

Rule 29.13. Disclaimers

(a) Applicability of Disclaimers.

The disclaimers in paragraph (b) below shall apply to the reporting authorities identified in the Interpretations and Policies to Rule 29.2.

(b) Disclaimer.

No reporting authority, and no affiliate of a reporting authority (each such reporting authority, its affiliates, and any other entity identified in this Rule are referred to collectively as a “Reporting Authority”), makes any warranty, express or implied, as to the results to be obtained by any person or entity from the use of an index it publishes, any opening, intraday or closing value therefore, or any data included therein or relating thereto, in connection with the trading of any options contract based thereon or for any other purpose. The Reporting Authority shall obtain information for inclusion in, or for use in the calculation of, such index from sources it believes to be reliable, but the Reporting Authority does not guarantee the accuracy or completeness of such index, any opening, intra-day or closing value therefore, or any data included therein or related thereto. The Reporting Authority hereby disclaims all warranties of merchantability or fitness for a particular purpose or use with respect to such index, any opening, intra-day, or closing value therefore, any data included therein or relating thereto, or any options contract based thereon. The Reporting Authority 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, any opening, intra-day or closing value therefore, any data included therein or relating thereto, or any options contract based thereon, or arising out of any errors or delays in calculating or disseminating such index.

Rule 29.14. Exercise of American-style Index Options

No Options Member may prepare, time stamp or submit an exercise instruction for an American-style index options series if the Options Member knows or has reason to know that the exercise instruction calls for the exercise of more contracts than the then “net long position” of the account for which the exercise instruction is to be tendered. For purposes of this Rule: (a) the term “net long position” shall mean the net position of the account in such option at the opening of business of the day of such exercise instruction, plus the total number of such options purchased that day in opening purchase transactions up to the time of exercise, less the total number of such options sold that day in closing sale transactions up to the time of exercise; (b) the “account” shall be the individual account of the particular customer, market-maker or “noncustomer” (as that term is defined in the By-Laws of the Clearing Corporation) who wishes to exercise; and (c) every transaction in an options series effected by a market-maker in a market-maker’s account shall be deemed to be a closing transaction in respect of the market-maker’s then positions in such options series. No Options Member may adjust the designation of an “opening transaction” in any such option to a “closing transaction” except to remedy mistakes or errors made in good faith.