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Chapter 9 Clearing Members

GENERAL

900. CATEGORIES OF CLEARING MEMBERS

The Exchange may establish different clearing member categories, including but not limited to OTC Clearing Member categories, and alter the rights and responsibilities of such categories.

900.A. CME Clearing Members

CME Clearing Members shall have all applicable rights, responsibilities and privileges attendant thereto, subject to the provisions of these rules and shall be qualified to clear transactions for all CME products and all Expanded-Access Products listed for trading by CBOT after July 12, 2007.

CME Clearing Members receive fees in conjunction with CME Rule 106.H. Trading Member Firms. CME Clearing Members with shares are those clearing members that maintain CME Group Class A shares in accordance with CME Rule 106.J. Equity Member Firm requirements in order to receive equity member rates.

900.B. Financial Instrument Clearing Members

A Financial Instrument Clearing Member ("FICM") shall have the right to clear, for its own account, trades in certain CME and CBOT interest rate products executed in connection with a cash versus futures trading strategy.

The FICM must be guaranteed by a CME and/or CBOT Clearing Member that is entitled to clear all of the products cleared by the FICM. The guarantor must be the clearing member for the FICM's transactions in U.S. Treasury Securities and report to the Clearing House, at appropriate intervals, the FICM's open positions in U.S. Treasury Securities. The guarantor shall assume complete responsibility for all of the FICM's obligations to the Exchange and Clearing House arising from its operations as a FICM. In the event of a default by the FICM to the Clearing House in respect of any futures or options on futures, the FICM shall be suspended by the Exchange and the open positions of the FICM shall be transferred to, owned by, and become the direct responsibility of the guarantor. In the event of a default by the FICM or a related entity to the guarantor clearing firm, the Exchange will, at the request of the guarantor clearing firm, and upon due verification of the facts, facilitate the suspension of the FICM, in which case the open positions of the FICM shall be transferred to, owned by, and become the direct responsibility of the guarantor.

The FICM shall be subject to applicable CME and CBOT Rules, including those contained in CME and CBOT Rules Chapter 8 and Chapter 9, and including without limitation, CME Rule 802 (Protection of the Clearing House, including the primary responsibility for the Clearing House assessment obligation therein). The FICM shall comply with all of the requirements and obligations of a clearing member pursuant to CME Rule 901 (General Requirements and Obligations) with the exception of the parent guarantee requirement pursuant to CME 901(L).

The FICM must satisfy the following requirements:

- (i) Adjusted Net Capital of \$500,000;
- (ii) Initial minimum guaranty fund deposit of \$50,000 to be increased to reflect transaction volume, open interest and risk;
- (iii) The assignment of one Full or two Associate Memberships for the privilege of clearing CBOT interest rate products and two CME, two IMM, two IOM, and one GEM membership for the privilege of clearing CME interest rate products. Memberships may be independently assigned.

FICMs receive fees in conjunction with CME and/or CBOT Rule 106.H. Trading Member Firms as applicable. FICMs that maintain CME Group Class A shares in accordance with CME Rule 106.J. Equity Member Firm requirements are eligible to receive equity member rates.

- (iv) The applicant shall be engaged in or demonstrate immediate capacity to engage in U.S. Treasury/interest rate futures spread trades and in order to maintain the status of a FICM, shall actively execute both sides of U.S. Treasury/interest rate futures spread trades.

A FICM applicant shall execute and place on file with the Exchange the following documents:

- (i) An application for the FICM clearing membership;
- (ii) Globex System access documentation;
- (iii) Settlement bank account documents to permit the Clearing House to collect and disperse monies directly to the FICM;
- (iv) An acknowledgement from the guarantor that it agrees to guarantee the performance and financial obligations of the FICM to the Clearing House for certain identified interest rate products;
- (v) Authorization to the Clearing House to verify, at its discretion, the transactions and open positions of the FICM in U.S. Treasury Securities;
- (vi) Authorization to the Clearing House to deliver the FICM's trade register and recap ledger to the FICM's Clearing Member guarantor;
- (vii) A Clearing Member and FICM authorization pursuant to which the Clearing Member/guarantor will be authorized to submit complete and accurate transaction and position information respecting the U.S Treasury Securities of the FICM to the Clearing House; and
- (viii) Any additional documents or information requested by the Clearing House for risk management purposes.

Exchange staff may grant exceptions to the requirements of Rule 900.B. for good cause if it is determined that such exceptions will not jeopardize the financial integrity of the Exchange.

901. GENERAL REQUIREMENTS AND OBLIGATIONS

Membership in the Clearing House is a privilege and license granted by the Board and may be withdrawn by the Board for cause at any time. Clearing House staff may grant exemptions to the General Requirements and Obligations set forth below for Clearing Members if it is determined that such an exemption will not jeopardize the financial integrity of the Clearing House. Subject to such exemptions, each applicant for qualification as a clearing member must satisfy the following requirements:

- A. It shall be a corporation (defined by the Rules of the Exchange to include a limited liability company), partnership or other entity approved by Exchange staff. It shall agree to: 1) abide by all Exchange Rules and to cooperate in their enforcement; 2) be responsible, even after it has withdrawn as a clearing member, for any violations of Exchange Rules committed by it while it was a clearing member; and 3) continue to meet all requirements applicable to clearing members, including all financial requirements provided by these rules;
- B. It shall have an authorized representative (i.e., officer, principal, or partner) who shall represent the clearing member before the Exchange and its committees. Such authorized representative shall be responsible to the Exchange for any representations made to the Exchange as if such person were a member as defined by Rule 400.
- C. It shall be qualified to do business in the State of Illinois or the State of New York or have a valid agency agreement with an entity qualified to do business in the State of Illinois or the State of New York;¹
- D. It shall be engaged in or demonstrate immediate capacity to engage in the conduct of the business of a clearing member;
- E. It shall demonstrate such fiscal and moral integrity as would justify the Clearing House's assumption of the risks inherent in clearing its trades;
- F. It shall demonstrate financial capitalization commensurate with Exchange requirements as set by the Clearing House Risk Committee;
- G. If any person directly or indirectly controls, owns 10% or more of, or has the right to 10% or more of the profits of two or more clearing members, then each such clearing member shall guarantee the obligations of the others to the Clearing House and shall execute a written guarantee to the Clearing

¹ Revised December 2008.

House on a form approved by the Clearing House.

- H. It shall notify the Exchange prior to any significant business transaction or significant change in operations which shall include, but is not limited to the following:
1. The merger, combination or consolidation between the clearing member and another person or entity;
 2. The assumption or guarantee by the clearing member of all or substantially all of the liabilities of another in connection with a direct or indirect acquisition of all or substantially all of that person's or entity's assets;
 3. The sale by the clearing member of a significant part of its business and/or assets to another person or entity;
 4. A change in the direct or indirect beneficial ownership of 20% or more of the clearing member;
 5. Any change in the system provider used by the clearing member to process its trades; and
 6. A significant increase in the number of members that a clearing member qualifies.

Additionally, a clearing member that qualifies members must provide fifteen days notice to the Exchange of any proposal to terminate such business or any material part of such business.

The relevant committee or Exchange staff, upon such notice, may disapprove or approve, subject to certain conditions, such changes in structure or operations if it determines that the proposed change could jeopardize the financial or operational integrity of the Exchange or the Clearing House. For purposes of this Rule, the Clearing House Oversight Committee shall be the relevant committee with respect to corporate organization and structure changes and the Clearing House Risk Committee shall be the relevant committee with respect to all other changes.

- I. It shall agree to guarantee and assume complete responsibility for the financial obligations attendant to: 1) all trades and orders executed or accepted for execution by a member it qualifies, including trades and orders executed, or which such member fails to execute, negligently, fraudulently or in violation of Exchange rules; 2) an unpaid arbitration award issued by a panel of the Arbitration Committee against a member it qualifies in circumstances where the dispute is related to a matter described in number 1) above; 3) an unpaid restitution order issued against a member it qualifies by a panel of the Business Conduct Committee, or a hearing panel of the Board of Directors; and 4) unpaid Exchange disciplinary fines imposed upon a member it qualifies if the member is also an employee of the clearing member or its affiliate, subject to a determination by the sanctioning entity.
- J. It shall notify the Financial and Regulatory Surveillance Department in a timely manner of any material change in key personnel who are responsible to act on behalf of the clearing member.
- K. [Reserved]
- L. [Reserved]
- M. It shall guarantee and assume financial responsibility for all trading activity routed through a Globex portal, or routed through any other electronic trading system to CME for clearing of such transactions. Such activity is guaranteed to CME by the clearing member via any connection, terminal, link, telecommunications hub or handheld unit provided by the clearing member to a third party as well as any other applicable electronic trading systems and terminals that the clearing member provides to a third party to enter orders.
- N. It shall be responsible for the acts of Globex terminal operators accessing the Globex system through its connections, including direct connections or other connections that it provides to firms that are under common ownership with it. It shall be the duty of the clearing member to supervise its employees and agents acting as Globex terminal operators to ensure such employees and agents comply with Exchange rules, and any violation of Exchange rules by such terminal operators shall be considered a violation by the clearing member.
- O. It shall agree to guarantee and assume complete responsibility for trades executed on Marketplaces for which the Exchange provides clearing services.
- P. Each clearing member shall use systems and appropriate procedures to track accurately, and to provide to the Clearing House accurately, the positions and collateral of each of the cleared swaps customers.
- Q. Requirement to Establish Uncommitted Repo. Each clearing member that is a U.S. Government

Securities Broker-Dealer or has a U.S. Government Securities Broker-Dealer affiliate shall enter into (or arrange for such affiliate, or an affiliate that is a bank, to enter into) a master repurchase agreement with CME on terms substantially similar to those set out by the Clearing House. Each clearing member that has entered into such master repurchase agreement shall (or shall cause its affiliate that has entered into such master repurchase agreement to) periodically test repurchase transactions with the Clearing House when requested by the Clearing House.

- R. Reserved
- S. The obligation of a clearing member to pay settlement variation during each settlement cycle is satisfied when all required cash is credited as a settlement variation payment into the correct CME bank account at the relevant settlement bank. The obligation of a clearing member to post performance bond during each settlement cycle is satisfied when all required assets are deposited as performance bond into the correct CME bank account at the relevant custodial bank.
- T. To clear transactions in futures or options on futures executed on or subject to the rules of a foreign board of trade identified in Rule 8C04, the applicant must meet any other conditions that the Clearing House may require.

902. CLEARING MEMBERSHIP ASSIGNMENT REQUIREMENTS

902.A. Assignment Requirement

Subject to exemptions granted by Exchange staff, each CME clearing member shall have at least: two CME memberships, two IMM memberships, two IOM memberships and one GEM membership assigned to the Clearing House. A clearing member which was an IMM Class A clearing member on or prior to May 6, 1987, shall have at least one CME membership, three IMM memberships, two IOM memberships and one GEM membership assigned to the Clearing House. A higher Division membership may be substituted for a lower Division membership to satisfy these requirements.

At least one CME, one IMM, one IOM and one GEM membership required for clearing membership pursuant to this Rule must be owned by the clearing member or a person, including a parent company, with an acceptable proprietary interest in such clearing member. One CME, one IMM, and one IOM membership required for clearing membership may be independently assigned.

Upon default of a clearing member in meeting its obligations to the Clearing House or upon the Clearing House Risk Committee's determination that a clearing member's financial position jeopardizes the financial integrity of the Clearing House, the Clearing House may direct the sale of any or all of the clearing member's assigned CME memberships. The proceeds from the sale of the CME memberships shall be used to satisfy Rule 110 obligations.

902.B. [Reserved]

902.C. Assignment Process

A membership may be assigned upon the completion of an Exchange-approved form. A membership may be assigned on behalf of only one clearing member and may not be subject to any Rule 110 claims at the time of assignment. Upon submitting an assignment form to the Membership Services Department, the membership shall be notified of the assignment. Parties will have ten days after the notification of the assignment to submit any Rule 110 claims against the membership being assigned. After all Rule 110 claims have been resolved to the satisfaction of the Exchange, the membership shall be assigned.

902.D. Assignment Substitutions

A clearing member may substitute a membership for an assigned membership provided that the clearing member continues to meet the assignment requirements of this Rule.

In the event a clearing member has a valid claim against a member that it qualifies and the member's membership is assigned to another clearing member, the clearing member utilizing the membership for assignment shall have 10 business days to substitute another membership to fulfill the assignment requirements of this Rule.

902.E. Assignment Withdrawal Disputes

In the event a member wants to withdraw their assigned membership over the objection of the clearing member to which the membership is assigned, such member must request permission to do so from Clearing House staff. The request must be in writing with a copy delivered to the clearing member to

which the membership is assigned.

902.F. Lien on Memberships

Each clearing member hereby grants to the Clearing House a first priority and unencumbered lien against all memberships required for clearing membership by the Exchange.

903. RESPONSIBILITY FOR QUALIFIED MEMBERS

- A. A clearing member that qualifies a member thereby guarantees and assumes complete responsibility for the financial obligations attendant to: 1) all trades and orders executed or accepted for execution by such member, including trades or orders executed, or which such member fails to execute, negligently, fraudulently or in violation of Exchange rules; 2) an unpaid arbitration award issued by a panel of the Arbitration Committee against such member in circumstances where the dispute is related to a matter described in number 1) above; 3) an unpaid restitution order issued against such member by a panel of the Business Conduct Committee, or a hearing panel of the Board of Directors; and 4) unpaid Exchange disciplinary fines imposed upon such member if the member is also an employee of the clearing member or its affiliate, subject to a determination by the sanctioning entity.
- B. To qualify traders, a clearing member must have established systems in place for trade submission, clearing, and settlement/banking with the Clearing House.
- C. No member may be qualified by more than one clearing member at one time.
- D. A member may not transfer their qualification unless they have obtained a written release from the clearing member last qualifying them. A release shall not be withheld unless a member has an unsatisfied indebtedness to the clearing member last qualifying them where the indebtedness is due to a deficit arising from transactions on the Exchange or where the clearing member last qualifying them is the guarantor under an existing valid guarantee of a loan which had been made to the member exclusively for the purpose of financing the purchase of the member's membership. A member who believes their qualifying clearing member is unreasonably withholding a release necessary to permit the member to be qualified by a different clearing member may request a hearing before a Panel of the Business Conduct Committee as provided in Rule 511. Any other disputes between the parties shall be resolved, to the extent permitted by the rules, through the arbitration procedures set forth in Chapter 6.
- E. A clearing member may, without prior notice, revoke a member's authorization to trade by written revocation filed with the Shareholder Relations and Membership Services Department. Such revocation shall be effective and the member's qualification to trade shall terminate when notice of the disqualification is posted on the Exchange floor. A member shall not appear upon the floor of the Exchange until they have been requalified.
- F. A member shall place all trades, including trades for their own account or any account which they control, on the books of their qualifying clearing member unless written authorization to the contrary from said clearing member has been filed with the Shareholder Relations and Membership Services Department. Regardless of such authorization, a member in a deficit position with any clearing member shall place trades only through their qualifying clearing member. Any non-qualifying clearing member that carries a member's account in a deficit position shall promptly notify the clearing member that is qualifying such member.
- G. No clearing member shall provide Globex access to, or clear any trade for, an employee, qualified trader or other representative of another clearing member without the written consent of such clearing member. No clearing member shall provide Globex access to, or clear any trade for, a person in a partnership with another clearing member without the written consent of all partners. Such written consent shall be filed with the Shareholder Relations and Membership Services Department.
- H. In the case of a member who has Globex access guaranteed by a clearing member other than their qualifying clearing member, the qualifying clearing member may terminate the member's ability to place orders through Globex by notifying the clearing member providing the member access to Globex. The clearing member providing the access to Globex will be responsible for ensuring that the member does not place orders through Globex.

904. FUNDS IN TRADING ACCOUNTS CARRIED BY CLEARING MEMBERS

If a Member (as defined in Rule 400) trades in excess of written limits prescribed by their qualifying or guaranteeing clearing member or a clearing member through which such Member is authorized by

their qualifying clearing member to trade pursuant to Rule 511 without sufficient funds in their account to margin the position, or if the Member is alleged to have engaged in reckless and unbusinesslike dealing inconsistent with just and equitable principles of trade, and such trades are profitable, the disposition of any and all funds in the applicable trading account(s) may be suspended by the carrying clearing member. The claim of a carrying clearing member to such profits shall be submitted to arbitration pursuant to the provisions of Chapter 6. The Member may request a hearing to be held as soon as practicable before a Chairman of the Arbitration Committee to determine the amount of any profits that should remain subject to a continued suspension pending an arbitration hearing on the full merits of the claim.

905. CHOICE OF LAW

- (a) THE RULES OF THE EXCHANGE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF ILLINOIS, WITHOUT GIVING EFFECT TO ITS CONFLICT-OF-LAW PRINCIPLES. EXCEPT AS OTHERWISE PROVIDED IN CHAPTERS 4, 5 AND 6 OF THE RULEBOOK, ANY ACTION, CLAIM, DISPUTE OR LITIGATION OF ANY KIND BETWEEN THE CLEARING MEMBER AND THE EXCHANGE ARISING FROM THE CLEARING MEMBER'S MEMBERSHIP IN THE EXCHANGE SHALL BE ADJUDICATED IN A FEDERAL OR STATE COURT IN CHICAGO, ILLINOIS. CLEARING MEMBERS CONSENT TO THE JURISDICTION OF SUCH COURT AND TO SERVICE OF PROCESS BY ANY MEANS AUTHORIZED BY ILLINOIS OR U.S. FEDERAL LAW, AND SHALL NOT SEEK TO TRANSFER THE VENUE OF SUCH LITIGATION.
- (b) EACH CLEARING MEMBER IRREVOCABLY WAIVES, WITH RESPECT TO ITSELF AND ITS REVENUES AND ASSETS, ANY IMMUNITY ON THE GROUND OF SOVEREIGNTY OR OTHER SIMILAR GROUNDS FROM SUIT, JURISDICTION OF ANY COURT, INJUNCTIVE RELIEF, ORDER FOR SPECIFIC PERFORMANCE OR FOR RECOVERY OF PROPERTY, ATTACHMENT OF ASSETS, AND EXECUTION OR ENFORCEMENT OF ANY JUDGMENT TO WHICH IT OR ITS REVENUES OR ASSETS MIGHT OTHERWISE BE ENTITLED IN ANY PROCEEDINGS IN THE COURTS OF ANY JURISDICTION, AND IRREVOCABLY AGREES THAT IT WILL NOT CLAIM ANY SUCH IMMUNITY IN ANY PROCEEDINGS.

906-909. [RESERVED]

APPLICATION PROCEDURES FOR CLEARING MEMBERS

910. APPLICATION FORMS

Applicants for clearing membership shall submit an application, financial statements and other documentation as Clearing House staff shall require.

911. SCREENING PROCEDURES

Upon receipt of an application, the Financial and Regulatory Surveillance Department and Clearing House Staff shall investigate the applicant's qualifications, which may include an examination of the books and records of the applicant.

912. APPROVAL

An applicant for clearing membership receiving a majority vote of the Clearing House Oversight Committee shall be approved effective immediately.

An applicant that fails to receive a majority vote shall be informed by the Clearing House Oversight Committee chairman and shall have 10 days thereafter to file an appeal to the Board seeking further consideration. The Board may approve the applicant by a majority vote if it is satisfied that the Clearing House Oversight Committee's decision was arbitrary, capricious or an abuse of the Clearing House Oversight Committee's discretion.

913. WITHDRAWAL FROM CLEARING MEMBERSHIP

913.A. Voluntary Withdrawal

A clearing member that intends to withdraw from clearing membership for Base Guaranty Fund Products shall provide written notice of such intent to the Clearing House and the Clearing House Oversight Committee. A clearing member's withdrawal shall be effective on the earlier of (i) the date Clearing House Staff approves such withdrawal or (ii) the 10th Business Day following the date of the clearing cycle in

which the withdrawing clearing member liquidates or transfers to an appropriate clearing member all of its open customer and house positions in Base Guaranty Fund Products (such earlier date, the "Base Withdrawal Date"); provided that the withdrawing clearing member shall remain liable for Base Guaranty Fund contributions and assessments in accordance with Rule 913.B. Promptly following the Base Withdrawal Date, the Clearing House shall post a notice of the clearing member's withdrawal.

913.B. Release of Guaranty Fund Deposit, Membership Proceeds and Assignments

When a clearing member withdraws from clearing membership for Base Guaranty Fund Products (whether voluntarily or involuntarily), its Base Guaranty Fund deposit, the proceeds from the sale of its memberships assigned for clearing qualification or any other deposits required by the Clearing House, and any remaining assets available to the Clearing House associated with Base Guaranty Fund Products including, but not limited to, memberships will be released when Clearing House staff determines that the following has occurred: (1) all contracts and obligations with the Exchange have been settled and paid, (2) all sums owing to the Exchange have been paid, (3) all obligations to other members and customers arising out of claims directly related to Base Guaranty Fund Products cleared on the Exchange have been paid or otherwise provided for, (4) all obligations to other members and customers arising out of other arbitration claims for Base Guaranty Fund Products filed pursuant to Chapter 6 have been paid or otherwise provided for and (5) the requisite liquidity providers for the Exchange have released the security interest in such clearing member's "assets" associated with the clearing of Base Guaranty Fund Products in accordance with the terms of the liquidity facility described in Rule 817; provided, however, that in the event that Exchange staff determines that all of the foregoing other than (4) have occurred, the Clearing House Risk Committee may in its discretion authorize the release of such property.

Generally, no such property shall be released prior to the 60th day following the posting of the notice of the clearing member's withdrawal. Notwithstanding the above, Clearing House staff may grant an exemption to the above restriction for good cause shown. Further, for purposes of the paragraph above, if the withdrawing clearing member will not remain a clearing member in any other capacity with the Exchange, all obligations of the withdrawing clearing member to the Exchange, of whatever nature or kind, shall be accelerated and become due and payable upon the effective date of withdrawal. If the clearing member will remain a clearing member for other product classes other than Base Guaranty Fund Products, the foregoing sentence shall apply only to obligations related to the clearing of Base Guaranty Fund Products.

For purposes of Rules 802 and 816, the Base Guaranty Fund contributions and assessments of a non-defaulted clearing member that has withdrawn shall not be accessible by the Clearing House to satisfy any losses in respect of the default of another clearing member where such default occurred after the Base Cooling Off Period as of which the withdrawing clearing member had liquidated or transferred all of its open customer and house positions in Base Guaranty Fund Products. For the avoidance of doubt, a withdrawing clearing member shall be subject to assessments for all defaults occurring during the Base Cooling Off Period in which such clearing member withdraws.

914. BASE CLEARING MEMBER DEFAULT OBLIGATIONS

The Clearing House will establish Base Product Categories in order to establish a minimum number of capable bidders for such product category during a default. The Clearing House shall determine, in accordance with the Base Default Management Guidelines, the Base Product Categories for which Base Clearing Members are deemed to be Mandated Base Clearing Members, and publish such Base Product Categories.

A Base Clearing Member with open interest in its proprietary account for a Base Product Category, as determined by the Clearing House in accordance with the Base Default Management Guidelines, may be selected for mandatory participation in default drill exercises and default auctions based on the Clearing House's assessment of the following factors:

- A. Relative amount of performance bond in the proprietary account for the relevant Base Product Category.
- B. Relative intraday trading volume in the proprietary account for the relevant Base Product Category.
- C. An assessment of the firm's capabilities for participating in default drill exercises or default auctions.

The Clearing House may, in its sole discretion, exempt a Mandated Base Clearing Member from mandatory participation in Base default drill exercises and default auctions based on any of the factors above, including the significance of the firm's open interest. No Mandated Base Clearing Member or

Bidding OTC Firm will be required to participate in a default auction where the Clearing House determines that such firm's open interest in a Base Product Category or OTC Derivatives Product Category, as applicable, is not proportional to the size of the defaulted Base Clearing Member's positions in the same products.

Each Mandated Base Clearing Member must satisfy the requirements set forth below:

1. Comply with all Clearing House default management requirements and associated responsibilities and obligations. A Mandated Base Clearing Member may contract with a third party (including an affiliate) to fulfill certain default management requirements; provided that, the Mandated Base Clearing Member first notifies the Clearing House, which reserves the right to review and approve such arrangements prior to them taking effect. Notwithstanding the existence of a third-party arrangement, each Mandated Base Clearing Member shall be liable for any failure to comply with a Clearing House requirement for default drill exercises or default auctions.
2. Participate in each hedging or liquidation auction conducted by the Clearing House for a defaulted Base Clearing Member's Base Contracts (each, a "Base Default Management Auction"), as required by the Clearing House, in every Base Product Category for which it is a Mandated Base Clearing Member and has open interest in the relevant Base Product Category in its proprietary account. Each Mandated Base Participant shall participate in Base default drill exercises as prescribed by the Clearing House. Each Mandated Base Clearing Member shall have the ability to provide quotations to the Clearing House for hedging and liquidation transactions for each Base Product Category for which it is a Mandated Base Clearing Member. The Base Guaranty Fund contribution of a Base Clearing Member that participates in a Base Default Management Auction or fails to meet its participation requirement for such auction shall be allocated in accordance with CME Group Exchange Rule 802.B.
3. Notify the Clearing House of any change to its trading capabilities that may impact its ability to participate in default drill exercises or default auctions in any Base Product Category for which it is a Mandated Base Clearing Member.

915. LIQUIDITY POLLS

The Clearing House will establish categories and sub-categories of Base Contracts for mandatory participation in liquidity polling processes ("Liquidity Polling Categories") in order to establish a minimum number of mandatory participants in liquidity polls and to assist with estimating the cost of liquidating a hypothetical portfolio of a defaulted Base Clearing Member (each, a "Liquidity Poll"). The Clearing House shall determine the Liquidity Polling Categories for which Base Clearing Member are required to participate in Liquidity Polls and publish such Liquidity Polling Categories.

A Base Clearing Member with open interest in its proprietary account for a Liquidity Polling Category may be selected for mandatory participation in Liquidity Polls based on the Clearing House's assessment of the following factors:

- A. Relative performance bond in the proprietary account for the relevant Liquidity Polling Category.
- B. Relative intraday trading volume for the proprietary account for the relevant Liquidity Polling Category.
- C. An assessment of the firm's capabilities for participating in Liquidity Polls.

The Clearing House may, in its sole discretion, exempt a Base Clearing Member from mandatory participation in the nearest Liquidity Poll for one or more Liquidity Polling Categories, based on the factors above or any other factor it deems relevant.

Each Base Clearing Member that is required to participate in a Liquidity Poll must comply with all Clearing House participation requirements for that Liquidity Poll. A Base Clearing Member's failure to provide required Liquidity Poll submissions by the deadline established by the Clearing House may result in the Base Clearing Member being assessed up to \$50,000 and/or referral to the Chief Regulatory Officer for potential disciplinary action, in accordance with established CME Clearing procedures.

916. SUPPLEMENTAL TRADING HOURS

916.A. Approval and Hours

Subject to the approval by CME Clearing, Base Clearing Members shall be qualified to clear transactions for Base Contracts that clear on the next Business Day on such days and during such hours, as the Clearing House determines, for the purposes of this Rule 916, entitled, "Supplemental Trading Hours." Supplemental Trading Hours shall include, but are not limited to, the hours from 4:00 p.m. central time on

Friday through 4:59 p.m. central time on Sunday, entitled, "Weekend Hours," and the hours, as the Clearing House determines for the purposes of this Rule 916, on the days that are impacted by amended trading hours for Exchange Holidays. Trades that are matched during Supplemental Trading Hours are novated to the Clearing House pursuant to Rule 804. The Clearing House will publish Supplemental Trading Hours for the days that are impacted by amended trading hours for Exchange Holidays.

916.B. Exposure Monitoring

The Clearing House will monitor each Base Clearing Member's exposure to the Clearing House during Supplemental Trading Hours. During certain hours within the Supplemental Trading Hours, entitled, "Advance Funding Hours," the Clearing House will monitor if a Base Clearing Member's exposure, as defined in Rules 916.B.1. and 916.B.2., exceeds, as applicable, its collateral and performance bond amounts posted to the Clearing House for the relevant account class and/or its available sources of liquidity, as the Clearing House determines. Advance Funding Hours shall include, but are not limited to, Weekend Hours and other hours that are within the Supplemental Trading Hours, as the Clearing House determines, for the purposes of this Rule 916. The Clearing House will publish the Advance Funding Hours for the hours that are not Weekend Hours.

1. Base Contracts that are Not Event Contract Swaps

During Advance Funding Hours, the Clearing House will monitor if a Base Clearing Member's: i) performance bond exposure, as the Clearing House determines, in Base Contracts excluding Event Contract Swaps exceeds its collateral and performance bond amounts posted to the Clearing House for the relevant account class; and ii) outstanding exposure, as defined in Rule 814, in Base Contracts excluding Event Contract Swaps exceeds its available sources of liquidity, as the Clearing House determines. If either exposure exceeds, as applicable, the Base Clearing Member's collateral and performance bond amounts posted to the Clearing House for the relevant account class or available sources of liquidity, as the Clearing House determines, the Clearing House may impose additional requirements on such Base Clearing Member to mitigate the risk prior to the next settlement cycle, including, but not limited to, position limitations.

2. Base Contracts that are Event Contract Swaps

During Advance Funding Hours, the Clearing House will monitor if a Base Clearing Member's exposure, as the Clearing House determines, in Base Contracts that are Event Contract Swaps exceeds its collateral and performance bond amounts posted to the Clearing House for the relevant account class. If such exposure exceeds the Base Clearing Member's collateral and performance bond amounts posted to the Clearing House for the relevant account class, the Clearing House may impose additional requirements on such Base Clearing Member to mitigate the risk prior to the next settlement cycle, including, but not limited to, position limitations.

916.C. Risk Management Policies and Procedures

1. Base Contracts that are Not Event Contract Swaps

In addition to its other obligations under the Rules, a Base Clearing Member qualified to clear Base Contracts excluding Event Contract Swaps during Supplemental Trading Hours must have risk management policies and procedures designed to limit instances during Advance Funding Hours where its: i) performance bond exposure in these Base Contracts exceeds its collateral and performance bond amounts posted to the Clearing House for the relevant account class; and ii) outstanding exposure, as defined in Rule 814, in these Base Contracts exceeds its available sources of liquidity, as the Clearing House determines.

2. Base Contracts that are Event Contract Swaps

In addition to its other obligations under the Rules, a Base Clearing Member qualified to clear Base Contracts that are Event Contract Swaps during Supplemental Trading Hours must have risk management policies and procedures designed to limit instances during Advance Funding Hours where its exposure in these Base Contracts exceeds its collateral and performance bond amounts posted to the Clearing House for the relevant account class.

917.-929. [RESERVED]

ACCOUNT HOLDER PERFORMANCE BOND REQUIREMENTS

930. PERFORMANCE BOND REQUIREMENTS: ACCOUNT HOLDER LEVEL

930.A. Performance Bond System

The Standard Portfolio Analysis of Risk ("SPAN®") Performance Bond System and SPAN 2 are the performance bond systems adopted by the Exchange. SPAN and SPAN 2-generated performance bond requirements shall constitute Exchange performance bond requirements. All references to performance bond within the rules of the Exchange shall relate to those computed by the SPAN or SPAN 2 systems, except for cleared over-the-counter ("OTC") foreign exchange ("FX") and interest rate swap ("IRS") transactions, where the Historical Value at Risk ("HVAr") Performance Bond System is used for cleared OTC FX and IRS transaction performance bonds.

Performance bond systems other than the SPAN and SPAN 2 systems may be used to meet Exchange performance bond requirements if the clearing member can demonstrate that its system will always produce a performance bond requirement equal to or greater than the SPAN and SPAN 2 performance bond requirements.

930.B. Performance Bond Rates

1. Non-Security Futures and OTC Derivatives

Exchange staff shall determine initial and maintenance performance bond rates used in determining Exchange performance bond requirements. The Board reserves the right to change or modify any performance bond levels determined by Exchange staff.

2. Security Futures

- a. Initial and maintenance performance bond (or "margin") rates used in determining Exchange performance bond requirements applied to Security Futures on behalf of Customers, whether effected on the Exchange or on a Marketplace apart from Exchange but cleared by the Clearing House per Chapter 8B, and held in a futures account, shall be established at levels no lower than those prescribed by CFTC Regulation Section 41.45; and, SEC Regulation 242.403, including any successor Regulations.
- b. As used in this Rule, the term "Customer" does not include (a) an "exempted person" as defined in CFTC Regulation 41.43(a)(9) and SEC Regulation 242.401(a)(9); or (b) Market Makers as defined below.

A Person shall be a "Market Maker" for purposes of this Rule, and shall be excluded from the requirements set forth in CFTC Regulations 41.42 through 41.49; and, SEC Regulations 242.400 through 242.406 in accordance with CFTC Regulation 41.42(c)(2)(v) and SEC Regulation 242.400(c)(2)(v), with respect to all trading in Security Futures for its own account, if such Person is an Exchange Member that is registered with the Exchange as a "Security Futures Dealer."

Each Market Maker shall: (a) be a member of the Exchange; or, be registered as a dealer with the SEC under Section 15(b) of the Exchange Act; (b) maintain records sufficient to prove compliance with the requirements set forth in this Rule and CFTC Regulation 41.42(c)(2)(v) and SEC Regulation 242.400(c)(2)(v), including without limitation, trading account statements and other financial records sufficient to detail activity and verify conformance with the standards set forth herein; and (c) hold itself out as being willing to buy and sell Security Futures for its own account on a regular or continuous basis.

A Market Maker satisfies condition (c) above if, at a minimum, any of the following three requirements are fulfilled:

(1) The Market Maker:

- (i) Provides continuous two-sided quotations throughout the trading day for all delivery months of Security Futures Contracts representing a meaningful proportion of the total trading volume of Security Futures Contracts on the Exchange, subject to relaxation during unusual market conditions as determined by the Exchange (such as a fast market in either a Security Futures Contract or a security underlying a Security Futures Contract) at which times the Market Maker must use its best efforts to quote continuously and competitively; and
- (ii) When providing quotations, quotes with a maximum bid/ask spread no more than the

greater of \$0.20 or 150% of the bid/ask spread in the primary market for the security underlying each Security Futures Contract.

(2) The Market Maker:

- (i) Responds to at least 75% of the requests for quotation for all delivery months of Security Futures Contracts representing a meaningful proportion of the total trading volume of Security Futures Contracts on the Exchange, subject to relaxation during unusual market conditions as determined by the Exchange (such as a fast market in either a Security Futures Contract or a security underlying a Security Futures Contract) at which times the Market Maker must use its best efforts to quote competitively; and
- (ii) When responding to requests for quotation, quotes within five seconds with a maximum bid/ask spread no more than the greater of \$0.20 or 150% of the bid/ask spread in the primary market for the security underlying each Security Futures Contract.

(3) The Market Maker:

- (i) Is assigned to a group of Security Futures Contracts listed on the Exchange that is either unlimited in nature ("Unlimited Assignment"); or, is assigned to no more than 20% of the Security Futures Contracts listed on the Exchange ("Limited Assignment");
- (ii) At least 75% of the Market Maker's total trading activity in Exchange Security Futures Contracts is in its assigned Security Futures Contracts, measured on a quarterly basis;
- (iii) During at least 50% of the trading day the Market Maker has bids or offers in the market that are at or near the best market, except in unusual market conditions as determined by the Exchange (such as a fast market in either a Security Futures Contract or a security underlying a Security Futures Contract), with respect to at least 25% (in the case of an Unlimited Assignment) or at least one (in the case of a Limited Assignment) of its assigned Security Futures Contracts; and
- (iv) The requirements in (ii) and (iii) above are satisfied on: (a) at least 90% of the trading days in each calendar quarter by Market Makers who have undertaken an Unlimited Assignment; or (b) at least 80% of the trading days in each calendar quarter by Market Makers who have undertaken a Limited Assignment; or (c) on at least 80% of the trading days in each calendar quarter by Market Makers who have undertaken either an Unlimited Assignment or Limited Assignment but where the Exchange is listing four (4) or fewer Security Futures Contracts.

For purposes of clauses (1) and (2) above, beginning on the 181st calendar day after the commencement of trading of Security Futures Contracts on the Exchange, a "meaningful proportion of the total trading volume of Security Futures Contracts on the Exchange" shall mean a minimum of 20% of such trading volume.

Any Market Maker that fails to comply with the applicable Rules of the Exchange, CFTC Regulations 41.41 through 41.49 and SEC Regulations 242.400 through 242.406 shall be subject to disciplinary action in accordance with Chapter 4. Appropriate sanctions in the case of any such failure shall include, without limitation, a revocation of such Market Maker's registration as a Security Futures Dealer.

- c. The Exchange shall establish initial and maintenance performance bond requirements applicable to Security Futures and held in a futures account, provided that the performance bond requirement for any long or short position held by a clearing member on behalf of a Customer shall not be less than 20% of the current market value of the relevant Contract; or, such other requirement as may be established by the CFTC and SEC for purposes of CFTC Regulation 41.45(b)(1) and SEC Regulation 242.403(b)(1) except as provided below.
- d. Initial and maintenance performance bond requirements for offsetting positions involving Security Futures and related positions are provided in the schedule below, for purposes of CFTC Regulation 41.45(b)(2) and SEC Regulation 242.403(b)(2).

PERFORMANCE BOND (or “MARGIN”) REQUIREMENTS FOR OFFSETTING POSITIONS

DESCRIPTION OF OFFSET	SECURITY UNDERLYING THE SECURITY FUTURE	INITIAL MARGIN REQUIREMENT	MAINTENANCE MARGIN REQUIREMENT
Long security future (or basket of security futures representing each component of a narrow-based securities index) and long put option on the same underlying security (or index)	Individual stock or narrow-based security index	20% of the current market value of the long security future, plus pay for the long put in full.	The lower of: (1) 10% of the aggregate exercise price of the put plus the aggregate put out-of-the-money amount, if any; or (2) 20% of the current market value of the long security future.
Short security future (or basket of security futures representing each component of a narrow-based securities index) and short put option on the same underlying security (or index)	Individual stock or narrow-based security index	20% of the current market value of the short security future, plus the aggregate put in-the-money amount, if any. Proceeds from the put sale may be applied.	20% of the current market value of the short security future, plus the aggregate put in-the-money amount, if any.
Long security future and short position in the same security (or securities basket) underlying the security future	Individual stock or narrow-based security index	The initial margin required under Regulation T for the short stock or stocks.	5% of the current market value as defined in Regulation T of the stock or stocks underlying the security future.
Long security future (or basket of security futures representing each component of a narrow-based securities index) and short call option on the same underlying security (or index)	Individual stock or narrow-based security index	20% of the current market value of the long security future, plus the aggregate call in-the-money amount, if any. Proceeds from the call sale may be applied.	20% of the current market value of the long security future, plus the aggregate call in-the-money amount, if any.
Long a basket of narrow-based security futures that together tracks a broad-based index and short a broad-based security index call option contract on the same index	Narrow-based security index	20% of the current market value of the long basket of narrow-based security futures, plus the aggregate call in-the-money amount, if any. Proceeds from the call sale may be applied.	20% of the current market value of the long basket of narrow-based security futures, plus the aggregate call in-the-money amount, if any.

DESCRIPTION OF OFFSET	SECURITY UNDERLYING THE SECURITY FUTURE	INITIAL MARGIN REQUIREMENT	MAINTENANCE MARGIN REQUIREMENT
Short a basket of narrow-based security futures that together tracks a broad-based security index and short a broad-based security index put option contract on the same index	Narrow-based security index	20% of the current market value of the short basket of narrow-based security futures, plus the aggregate put in-the-money amount, if any. Proceeds from the put sale may be applied.	20% of the current market value of the short basket of narrow-based security futures, plus the aggregate put in-the-money amount, if any.
Long a basket of narrow-based security futures that together tracks a broad-based security index and long a broad-based security index put option contract on the same index	Narrow-based security index	20% of the current market value of the long basket of narrow-based security futures, plus pay for the long put in full.	The lower of: (1) 10% of the aggregate exercise price of the put, plus the aggregate put out-of-the-money amount, if any; or (2) 20% of the current market value of the long basket of security futures.
Short a basket of narrow-based security futures that together tracks a broad-based security index and long a broad-based security index call option contract on the same index	Narrow-based security index	20% of the current market value of the short basket of narrow-based security futures, plus pay for the long call in full.	The lower of: (1) 10% of the aggregate exercise price of the call, plus the aggregate call out-of-the-money amount, if any; or (2) 20% of the current market value of the short basket of security futures.
Long security future and short security future on the same underlying security (or index)	Individual stock or narrow-based security index.	The greater of: 5% of the current market value of the long security future; or (2) 5% of the current market value of the short security future.	The greater of: 5% of the current market value of the long security future; or (2) 5% of the current market value of the short security future.
Long security future, long put option and short call option. The long security future, long put and short call must be on the same underlying security and the put and call must have the same exercise price. (Conversion)	Individual stock or narrow-based security index.	20% of the current market value of the long security future, plus the aggregate call in-the-money amount, if any, plus pay for the put in full. Proceeds from the call sale may be applied.	10% of the aggregate exercise price, plus the aggregate call in-the-money amount, if any.

DESCRIPTION OF OFFSET	SECURITY UNDERLYING THE SECURITY FUTURE	INITIAL MARGIN REQUIREMENT	MAINTENANCE MARGIN REQUIREMENT
Long security future, long put option and short call option. The long security future, long put and short call must be on the same underlying security and the put exercise price must be below the call exercise price (Collar)	Individual stock or narrow-based security index.	20% of the current market value of the long security future, plus the aggregate call in-the-money amount, if any, plus pay for the put in full. Proceeds from call sale may be applied.	The lower of: (1) 10% of the aggregate exercise price of the put plus the aggregate put out-of-the money amount, if any; or (2) 20% of the aggregate exercise price of the call, plus the aggregate call in-the-money amount, if any.
Short security future and long position in the same security (or securities basket) underlying the security future	Individual stock or narrow-based security index.	The initial margin required under Regulation T for the long stock or stocks.	5% of the current market value, as defined in Regulation T, of the long stock or stocks.
Short security future and long position in a security immediately convertible into the same security underlying the security future, without restriction, including the payment of money	Individual stock or narrow-based security index.	The initial margin required under Regulation T for the long security.	10% of the current market value, as defined in Regulation T, of the long security.
Short security future (or basket of security futures representing each component of a narrow-based securities index) and long call option or warrant on the same underlying security (or index)	Individual stock or narrow-based security index.	20% of the current market value of the short security future, plus pay for the call in full.	The lower of: (1) 10% of the aggregate exercise price of the call, plus the aggregate call out-of-the-money amount, if any; or (2) 20% of the current market value of the short security future.
Short security future, Short put option and long call option. The short security future, short put and long call must be on the same underlying security and the put and call must have the same exercise price. (Reverse Conversion)	Individual stock or narrow-based security index.	20% of the current market value of the short security future, plus the aggregate put in-the-money amount, if any, plus pay for the call in full. Proceeds from put sale may be applied.	10% of the aggregate exercise price, plus the aggregate put in-the-money amount, if any.

DESCRIPTION OF OFFSET	SECURITY UNDERLYING THE SECURITY FUTURE	INITIAL MARGIN REQUIREMENT	MAINTENANCE MARGIN REQUIREMENT
Long (short) a basket of security futures, each based on a narrow-based security index that together tracks the broad-based index and short (long) a broad-based index future	Narrow-based security index	5% of the current market value for the long (short) basket of security futures.	5% of the current market value of the long (short) basket of security futures.
Long (short) a basket of security futures that together tracks a narrow-based index and short (long) a narrow-based index future	Individual stock or narrow-based security index	The greater of: (1) 5% of the current market value of the long security future(s); or (2) 5% of the current market value of the short security future(s).	The greater of: (1) 5% of the current market value of the long security future(s); or (2) 5% of the current market value of the short security future(s).
Long (short) a security future and short (long) an identical security future traded on a different market.	Individual stock or narrow-based security index	The greater of: (1) 3% of the current market value of the long security future(s); or (2) 3% of the current market value of the short security future(s).	The greater of: (1) 3% of the current market value of the long security future(s); or (2) 3% of the current market value of the short security future(s).

930.C. Acceptable Performance Bond Deposits

1. Non-Security Futures and OTC Derivatives

Clearing members may accept from their account holders as performance bond cash currencies of any denomination, readily marketable securities (as defined by SEC Rule 15c3-1(c)(11) and applicable SEC interpretations), money market mutual funds allowable under CFTC Regulation 1.25, bank-issued letters of credit, fully collateralized pass-through letters of credit allowable under the Clearing House's collateral acceptance programs, warrants, warehouse receipts and shipping certificates that are registered as deliverable for commodities traded on Chicago Mercantile Exchange Inc., Chicago Board of Trade Inc., New York Mercantile Exchange, Inc. or Commodity Exchange, Inc., and "London Good Delivery" gold, as defined by the London Bullion Market Association.

Clearing members shall not accept as performance bond from an account holder securities that have been issued, sponsored or otherwise guaranteed by the account holder or an affiliate of the account holder unless the clearing member files a petition with and receives permission from Clearing House staff.

Unless permitted (either not restricted or specifically authorized) by the U.S. Department of Treasury's Office of Foreign Assets Control ("OFAC") and/or any Sanctioning Body, as applicable, Clearing members may not accept from their account holders as performance bond any debt or equity security issued by Sanctioned Parties as defined in Rule 543, assets in which Sanctioned Parties have an interest, or any other assets that are or would be subject to blocking restrictions or sectoral sanction restrictions imposed by the OFAC or are subject to similar restrictions imposed by another Sanctioning Body.

Bank-issued letters of credit and fully collateralized pass through letters of credit must be in a form acceptable to the Clearing House. Such letters of credit must be drawable in the United States. Clearing members shall not accept as performance bond from an account holder letters of credit issued by the account holder, an affiliate of the account holder, the clearing member, or an affiliate of the clearing member.

All assets deposited by account holders to meet performance bond requirements must be and remain unencumbered by third party claims against the depositing account holder.

Except to the extent that Clearing House staff shall prescribe otherwise, cash currency performance bond deposits shall be valued at market value. All other performance bond deposits other than letters of credit, warrants, warehouse receipts and shipping certificates shall be valued at an amount not to exceed market value less applicable haircuts as set forth in SEC Rule 240.15c3-1. Warrants, warehouse receipts and shipping certificates shall be valued at an amount not to exceed the market value of the commodities represented by the warrants, warehouse receipts or shipping certificates, less a deduction in the same amount as the inventory haircut specified in Commission Regulation 1.17(c)(5)(ii).

2. Security Futures

- a. Clearing Members may accept from their Customers as performance bond (or "margin") for Security Futures held in a futures account, deposits of cash, margin securities (subject to the limitations set forth in the following sentence), exempted securities, any other assets permitted under Regulation T of the Board of Governors of the Federal Reserve System (as in effect from time to time) to satisfy a performance bond deficiency in a securities margin account, and any combination of the foregoing, each as valued in accordance with CFTC Regulations 41.46(c) and 41.46(e); and, SEC Regulations 242.404(c) and 242.404(e). Shares of a money market mutual fund that meet the requirements of CFTC Regulation 1.25 may be accepted as a performance bond deposit from a Customer for purposes of this Rule.
- b. A Clearing Member shall not accept as performance bond from any Customer securities that have been issued by such Customer or an Affiliate of such Customer unless such Clearing Member files a petition with and receives permission from the Exchange for such purpose.
- c. All assets deposited by a Customer to meet performance bond requirements must be and remain unencumbered by third party claims against the depositing Customer.

930.D. Acceptance of Orders

Except as provided for in compliance with Rule 930.N.,

1. Clearing members may accept orders for an account provided sufficient performance bond is on deposit in the account or is forthcoming within a reasonable time.
2. For an account which has been subject to calls for performance bond for an unreasonable time, clearing members may only accept orders that reduce the performance bond requirements of existing positions in the account.
3. Clearing members may not accept orders for an account that has been in debit an unreasonable time.

930.E. Calls for Performance Bond

Except as provided for in compliance with Rule 930.N.,

1. Clearing members must issue calls for performance bond that would bring an account up to the initial performance bond requirement: a) when performance bond equity in an account initially falls below the maintenance performance bond requirement; and b) subsequently, when performance bond equity plus existing performance bond calls in an account is less than the maintenance performance bond requirement.

Such calls must be made within one business day after the occurrence of the event giving rise to the call. Clearing members may call for additional performance bond at their discretion. Notwithstanding the foregoing, a clearing member is not required to call for or collect performance bond for day trades.

2. Clearing members shall only reduce a call for performance bond through the receipt of performance bond deposits permitted under subsection C. of this

rule. Clearing members may cancel a call for performance bond through: a) the receipt of performance bond deposits permitted under subsection C. of this rule only if such deposits equal or exceed the amount of the total performance bond call; or b) inter-day favorable market movements and/or the liquidation of positions only if performance bond equity in the account is equal to or greater than the initial performance bond requirement. Clearing members shall reduce an account holder's oldest outstanding performance bond call first.

3. Clearing members must maintain written records of all performance bond calls issued and satisfied in whole or in part.

930.F. Release of Excess Performance Bond

Except as provided for in compliance with Rule 930.N., clearing members may only release performance bond deposits from an account if such deposits are in excess of initial performance bond requirements.

930.G. Loans to Account Holders

Clearing members may not make loans to account holders to satisfy their performance bond requirements unless such loans are secured as defined in CFTC Regulation 1.17(c)(3). The proceeds of such loans must be treated in accordance with CFTC Regulation 1.30.

930.H. Aggregation of Accounts and Positions²

Except as provided for in compliance with Rule 930.N., Clearing members may aggregate and net positions in accounts under identical ownership within the same classifications of customer segregated, customer secured, Cleared Swaps Customer, and nonsegregated for performance bond purposes. Clearing members may compute performance bond requirements on identically owned concurrent long and short positions on a net basis.

930.I. Risk Profile of Accounts

A Clearing Member must determine a risk profile for each account it carries, consistent with its risk management policies and procedures and the requirements of Rule 982.A.7, and collect performance bond in an amount commensurate with the account's risk profile. Each account that the Clearing Member determines to have a heightened risk profile shall be subject to initial performance bond requirements established by the Exchange. For each account that does not have a heightened risk profile the initial performance bond requirement shall equal the maintenance performance bond requirement established by the Exchange. A Clearing Member may call for additional performance bond at its discretion as set forth in this Rule.

930.J. Omnibus Accounts

1. Clearing members shall collect performance bond on a gross basis for positions held in domestic and foreign omnibus accounts including for positions of separate account customers as required under CFTC Regulation 1.58.
2. Clearing members shall obtain and maintain written instructions and/or documentation from domestic and foreign omnibus accounts for positions which are entitled to available performance bond offsets or credits.

930.K. Liquidation of Accounts

1. Non-Security Futures and OTC Derivatives

If an account holder fails to comply with a performance bond call within a reasonable time (the clearing member may deem one hour to be a reasonable time), the clearing member may close out the account holder's trades or sufficient contracts thereof to restore the account holder's account to required performance bond status. Clearing members shall maintain full discretion to determine when and under what circumstances positions in any account shall be liquidated.

2. Security Futures

If a Customer fails to comply with a performance bond (or "margin") call within a reasonable period of time (the clearing member may deem one hour to be a reasonable period of time), the relevant

² Revised October 2010.

clearing member shall take the deduction required with respect to an undermargined account in computing its net capital under applicable CFTC and SEC Regulations.

If at any time there is a liquidating deficit in an account in which security futures are held, the clearing member shall take steps to liquidate positions in the account promptly and in an orderly manner.

930.L. Clearing House Authority to Require Additional Performance Bond

The Clearing House, in its sole discretion, has the authority to require clearing members to collect additional performance bond from specific account holders in circumstances deemed necessary by the Clearing House.

930.M. Failure to Maintain Performance Bond Requirements

If a clearing member fails to maintain performance bond requirements for an account in accordance with this rule, the Exchange or the Clearing House may direct such clearing member to immediately liquidate all or part of the account's positions to eliminate the deficiency.

930.N. Separate Account Margining

All clearing members providing separate account treatment in accordance with CFTC Regulation 1.44 must comply with all requirements set forth in CFTC Regulation 1.44.

931.-948. [RESERVED]

949. CREDIT CONTROLS

Clearing Members shall comply with all credit control policies developed by the Exchange for customer and proprietary transactions. Such credit control policies may include, but not be limited to, registration of credit control administrators with the Exchange, definition of credit control limits, and maintenance of written procedures verifying compliance with Exchange credit control requirements. For general reference purposes, credit control functionality that may be developed for Globex is a system or service pursuant to Rule 578. Any credit control functionality required by the Exchange shall be in addition to a clearing member's internal risk monitoring and credit control procedures.

SALES PRACTICES AND CUSTOMER PROTECTION

950. SUPERVISION

Each clearing member shall adopt and enforce written procedures pursuant to which it will supervise in accordance with the requirements of these Rules and the CEA and CFTC Regulations thereunder, each customer's account(s). For purposes of this rule, the term "customer" does not include another futures commission merchant.

951. DISCLOSURE REQUIREMENTS

Each clearing member must comply with all disclosure requirements set forth in applicable CFTC and NFA Rules and Regulations.

952. SALES COMMUNICATIONS

No clearing member shall make fraudulent or high-pressure sales communications relating to the offer or sale of commodity futures and options or make misleading communications in the conduct of its business activities.

953. PROMOTIONAL MATERIAL

No clearing member shall use any promotional material which is likely to deceive or mislead the public. Each clearing member shall maintain a copy of all written and electronic promotional material at the clearing member's principal place of business and shall make such promotional material available to the Exchange upon request.

954. CUSTOMER COMPLAINTS

Each clearing member shall retain all written customer complaints, and make and retain a record of the date each complaint was received, the associated person who serviced the account, a general description of the matter complained of, and what, if any, action was taken by the clearing member regarding the complaint. With respect to verbal complaints, each clearing member shall develop and implement a written program approved by senior management that requires clearing member staff to direct individuals with verbal complaints to place such complaints in written form and submit such complaints to the

Compliance Officer of the clearing member. Such complaints and related records must be maintained at the clearing member's principal place of business.

955. ASSIGNMENT AND NOTIFICATION OF EXERCISE NOTICES

- A. Each clearing member shall adopt written procedures pursuant to which it shall allocate option exercise notices in a fair and non-preferential manner.
- B. Upon notification from the Clearing House of assignment of an exercise notice, the clearing member shall promptly notify the option grantor to whom the notice has been allocated.

956. DISCRETIONARY, CONTROLLED AND MANAGED ACCOUNTS

956.A. Requirements

1. Power of Attorney

No clearing member shall accept or carry an account over which a person other than the account owner exercises discretionary trading authority or control (hereinafter referred to as a discretionary, controlled, or managed account) without first obtaining a written power of attorney, trading authorization, or similar document (hereinafter referred to as a power of attorney). Such power of attorney must be signed and dated by the account owner and clearly designate the person to whom discretionary trading authority has been granted.

2. Discretionary Account Listing

A clearing member must clearly identify each discretionary trading account it carries and promptly provide the Exchange with a complete and accurate list of such accounts upon request.

956.B. Presumption of Authority

Except where specifically indicated by the phrase "discretion not exercised" written on the order ticket, and subsequently confirmed to the customer as such, every trade in a discretionary trading account shall be presumed to have been made pursuant to the power of attorney and subject to the requirements of this rule.

956.C. Supervision and Trading of Discretionary Trading Accounts

1. Discretionary Trading Account Activity

Each clearing member shall have a supervisory employee (other than the person granted discretionary trading authority) supervising activity in discretionary trading accounts. The supervision shall include, but is not limited to, a review of excessive trading in amount or frequency in relation to account equity. This requirement shall only apply to discretionary trading accounts controlled by an employee of the clearing member or the clearing member's guaranteed introducing brokers.

2. Floor Trading

No member shall execute a transaction in the trading pit for an account over which they have discretionary trading authority unless the transactions are for a) family accounts as defined in Section E.1. or b) another member of the Exchange for an account owned by such other member or proprietary accounts of member firms as set forth in Section E.2.

956.D. [RESERVED]

956.E. Exceptions

The provisions of Sections B. and C.1. of this rule shall not apply to the following accounts:

1. Family Accounts

Accounts controlled or managed by persons for their own family. For purposes of this rule, members of one's family shall include a spouse, parent, child, grandparent, grandchild, brother, sister, aunt, uncle, nephew, niece or in-law.

2. Member and Proprietary Accounts

Accounts of members or proprietary accounts as defined by CFTC Regulation 1.3(y).

957. CONFIRMATIONS TO CUSTOMERS

A clearing member shall confirm to the customer every transaction made for the customer no later than the following business day. Such confirmation shall be in electronic or written form and shall show facts relevant to the economic terms of the transaction, such as the product bought or sold, the quantity, the

price, the expiration, maturity date or the contract month/year (as applicable), and, for options, strike price, put or call and expiration.

958. BRANCH OFFICES, GUARANTEED INTRODUCING BROKERS, AND ASSOCIATED PERSONS

- A. Each clearing member must maintain a complete and accurate list of all branch offices, guaranteed introducing brokers, and the associated persons of the clearing member and its guaranteed introducing brokers. Such list shall be promptly provided to the Exchange upon request.
- B. Branch offices, guaranteed introducing brokers, and the associated persons of the clearing member and its guaranteed introducing brokers must comply with Exchange rules. Each associated person of the clearing member or its guaranteed introducing brokers shall be bound by Exchange rules to the same extent as if such person were a member.
- C. Each clearing member must diligently supervise its branch offices, guaranteed introducing brokers, and the associated persons of the clearing member and its guaranteed introducing brokers.
- D. Each clearing member shall be responsible for the acts or omissions of its branch offices, guaranteed introducing brokers, and the associated persons of the clearing member and its guaranteed introducing brokers. Any violation of an Exchange rule by any such person may be considered a violation by the clearing member.

959. [RESERVED]

OMNIBUS AND CARRYING BROKER ACCOUNTS

960. OMNIBUS AND CARRYING BROKER ACCOUNTS

- A. All clearing members must maintain a complete list of all omnibus and carrying broker accounts maintained on their books. Such list shall be promptly provided to the Exchange upon request. Information for each such account must include account name, number and address, and classification of the account as either customer or house. Additionally, the identities and position of the beneficial owners of any omnibus account must be immediately disclosed to the Exchange upon request.
- B. A clearing member carrying an omnibus account shall have the responsibility for ensuring that each person carried in the account does not exceed speculative limits unless granted an exemption pursuant to Rule 559.
- C. Each clearing member carrying an omnibus account must at all times reflect in its records the gross long and short positions held in such omnibus account including for positions of separate account customers as required under CFTC Regulation 1.58.
- D. Clearing members may only carry omnibus accounts for entities that have received a notice from the clearing member (i) expressly prohibiting the omnibus account from acting for customers of the Exchange, directly or indirectly, that are Sanctioned Parties as defined by Rule 543 and (ii) requiring it to send a similar notice to its omnibus customers.
- E. Each clearing member that maintains an omnibus account with another clearing member shall also bear financial responsibility to the Exchange for that omnibus account.
- F. Clearing members may only carry omnibus accounts for entities that have received a notice from the clearing member (i) notifying the omnibus account of the EU Retail Customer restrictions contained in Rule 570 and (ii) requiring it to send a similar notice to its omnibus customers.

961.-969. [RESERVED]

FINANCIAL REQUIREMENTS AND FINANCIAL EMERGENCIES

970. FINANCIAL REQUIREMENTS

- A. Subject to exemptions granted by Exchange staff, all clearing members, including non-FCMs, must comply with the requirements set forth in CFTC Regulations 1.10, 1.12, 1.17 and 1.18. This includes, but is not limited to, the following:
1. Maintenance of minimum capital requirements of at least \$5 million except that a clearing member that is a bank must maintain minimum Tier I Capital (as defined in accordance with regulation applicable to the relevant bank) of at least \$5 billion;
 2. Submission of a Form 1-FR, FOCUS Report or other requested information within the specified period of time;
 3. Notification requirements when a clearing member:
 - a. Fails to maintain minimum capital requirements;
 - b. Fails to maintain early warning capital requirements;
 - c. Fails to maintain current books and records; or
 - d. Determines the existence of a material inadequacy as specified in CFTC Regulation 1.16(d)(2);
 - e. Changes its fiscal year; or
 - f. Changes its public accountant;
- In addition to the notifications required by CFTC regulations, all clearing members must provide written notice to the Financial and Regulatory Surveillance Department of the above events.
4. Completely and accurately computing and recording the balances in the net capital computation including capital requirements;
 5. Subordination agreement requirements, including the filing of such agreements; and
 6. Preparation of a monthly computation of adjusted net capital and minimum financial requirements.
- B. For non-FCMs, all filing, notification, and approval requirements set forth in CFTC Regulations 1.10, 1.12, 1.17 and 1.18 and in the rules of the Exchange must be submitted to or obtained from the Financial and Regulatory Surveillance Department, if necessary, rather than the Commission. Non-FCM clearing members shall make available to the CFTC, upon the CFTC's request, copies of financial reports required to be submitted to the Financial and Regulatory Surveillance Department under this Rule.
- C. In conjunction with the requirements set forth in CFTC Regulations 1.10, 1.12, 1.17, and 1.18, clearing members must comply with the following requirements:
1. Submit a monthly Form 1-FR or FOCUS Report and the Exchange Supplementary Information schedule including an unaudited monthly Form 1-FR or FOCUS Report as of the clearing member's fiscal year-end, within the time requirements set forth in CFTC Regulation 1.10. A clearing member must include with its Form 1-FR or FOCUS Report a Statement of Income (loss) for the period between the date of the most recent financial statement or, at the option of the clearing member, the most recent certified financial statement filed with the Financial and Regulatory Surveillance Department and the date for which the report is made.
 2. Submit a certified Form 1-FR or FOCUS Report as of the clearing member's fiscal year-end within the time requirements set forth in CFTC Regulation 1.10. A clearing member must include with its certified Form 1-FR or FOCUS Report, a reconciliation from the certified Form 1-FR or FOCUS Report to the monthly Form 1-FR or FOCUS Report as of the same date or a statement that no differences were noted.
 3. A clearing member for which CME is the designated self-regulatory organization may request the Financial and Regulatory Surveillance Department's permission to change its fiscal year. Such request will only be granted for good cause and in accordance with the requirements of CFTC Regulation 1.10(e)(2). The Financial and Regulatory Surveillance Department's grant of the change in fiscal year will fulfill the approval requirements of CFTC Regulation 1.10(e)(2).
- D. Exchange staff may prescribe additional accounting, reporting, and other financial and/or operational requirements and clearing members must comply with such requirements. All clearing members must provide notice to the Financial and Regulatory Surveillance Department of a failure to comply with the additional accounting, reporting, financial, and/or operational requirements. The Financial and

Regulatory Surveillance Department must receive immediate written notification when a clearing member knows or should know of such failure.

- E. Financial statement filing requirements under this Rule must be met through Exchange-approved electronic transmissions, except for certified Form 1-FRs or FOCUS Reports.

Personal Identification Numbers (PINs) must be submitted by authorized signers of the Form 1-FR or FOCUS Report. The PIN will constitute and become a substitute for the manual signature of the authorized signer to the electronically filed Form 1-FR or FOCUS Report. The PIN is a representation by the authorized signer that, to the best of their knowledge, all information contained in the statement being transmitted under the PIN is true, correct and complete. The unauthorized use of a PIN for electronic attestation by an unauthorized party is expressly prohibited.

- F. Exchange staff may grant exceptions to the financial and reporting requirements of Rule 970 for good cause if it is determined that such exceptions will not jeopardize the financial integrity of the Exchange.

971. SEGREGATION, SECURED AND CLEARED SWAPS CUSTOMER ACCOUNT REQUIREMENTS

- A. All clearing members must comply with the requirements set forth in CFTC Regulations 1.20 through 1.30, 1.32, 1.49 and 30.7, and Part 22 of the CFTC Regulations. This includes, but is not limited to, the following:
 - 1. Maintaining sufficient funds at all times in segregation, secured 30.7 and Cleared Swaps Customer accounts;
 - 2. Computing, recording and reporting completely and accurately the balances in the:
 - a. Statement of Segregation Requirements and Funds in Segregation;
 - b. Statement of Secured Amounts and Funds Held in Separate Accounts; and
 - c. Statement of Segregation Requirements and Cleared Swaps Customer Collateral Held in Cleared Swaps Customer Accounts.
 - 3. Obtaining satisfactory segregation, secured 30.7 and Cleared Swaps Customer account acknowledgment letters and identifying segregated, secured 30.7 and Cleared Swaps Customer accounts as such; and
 - 4. Preparing complete and materially accurate daily segregation, secured 30.7 and Cleared Swaps Customer amount computations in a timely manner.
- B. All FCM clearing members must submit a daily segregated, secured 30.7 and Cleared Swaps Customer amount statement, as applicable, through Exchange-approved electronic transmissions by 12:00 noon on the following business day.
- C. In addition to complying with all applicable CFTC regulations, in order for each of an FCM clearing member's customer segregated, secured 30.7 and Cleared Swaps Customer accounts held at a depository to be included as segregated and secured 30.7 funds and Cleared Swaps Customer Collateral in their respective origin and calculation:
 - 1. The FCM clearing member must provide the Financial and Regulatory Surveillance Department with access to the account information, in a form and manner prescribed by the Financial and Regulatory Surveillance Department; and
 - 2. The depository must allow the FCM clearing member to provide the Financial and Regulatory Surveillance Department with access to the account information, in a form and manner prescribed by the Financial and Regulatory Surveillance Department.
- D. All FCM clearing members must submit a report of investments in a manner as prescribed through Exchange-approved electronic transmissions as of the 15th of the month (or the following business day if the 15th is a holiday or weekend) and last business day of the month by the close of business on the following business day. The report of investments shall be prepared and shall identify separately for segregated and secured 30.7 funds and Cleared Swaps Customer Collateral held:
 - 1. The dollar amount of funds held in cash and each permitted investment identified in CFTC Regulation 1.25(a); and
 - 2. The identity of each depository holding funds and the dollar amount held at each depository.

- E. All disbursements not made for the benefit of a customer from a segregated, secured 30.7 or Cleared Swaps Customer account which exceed 25% of the FCM clearing members excess segregated, secured 30.7 or Cleared Swaps Customer of the respective origin must be pre-approved in writing by the clearing member's Chief Executive Officer, Chief Financial Officer or their authorized representative with knowledge of the firm's financial requirements and position.
1. In determining if a disbursement exceeds the 25% level, such disbursement must be:
 - a. Compared to the most recent calculation of excess segregated, secured 30.7 and Cleared Swaps Customer amounts; and
 - b. A single disbursement must be reviewed individually and in the aggregated with all other disbursements not made for the benefit of a customer of the respective segregated, secured 30.7 or Cleared Swaps Customer origin since the last calculation of excess funds.
 2. Upon approval of a single disbursement or the disbursement which in the aggregated exceeds the 25% level as defined in Rule 971.E.1., the FCM clearing member must provide immediate notification to the Financial and Regulatory Surveillance Department through Exchange-approved electronic transmissions. Such notification shall include:
 - a. Confirmation that the FCM clearing member's Chief Executive Officer, Chief Financial Officer or authorized representative with knowledge of the firm's financial requirements and position pre-approved in writing the disbursement(s);
 - b. The amount(s) and recipient(s) of such disbursement(s); and
 - c. A description of the reasons for the single or multiple transaction(s) that resulted in the disbursement(s).
 3. The FCM clearing member's Chief Executive Officer and Chief Financial Officer will remain responsible for the pre-approvals by their authorized representative and for compliance with this rule.
- F. All clearing members must provide written notice to the Financial and Regulatory Surveillance Department of a failure to maintain sufficient funds in segregation, secured 30.7 or Cleared Swaps Customer accounts. The Financial and Regulatory Surveillance Department must receive immediate written notification when a clearing member knows or should have known of such failure.
- G. Each statement and report filing required under this Rule must be submitted by the Chief Executive Officer, Chief Financial Officer or their authorized representative as approved by CME using their assigned User Identification ("User ID"). The User ID will constitute and become a substitute for the manual signature of the authorized signer to the electronically submitted daily segregated, secured 30.7 and Cleared Swaps Customer amount statements. The User ID is a representation by the authorized signer that, to the best of their knowledge, all information contained in the statement being transmitted under the User ID is true, correct and complete. The unauthorized use of a User ID for electronic attestation by an unauthorized party is expressly prohibited.
- H. Exchange staff may prescribe additional segregation, secured 30.7 and Cleared Swaps Customer amount requirements.

972. REDUCTIONS IN CAPITAL

A clearing member must provide written notice to the Financial and Regulatory Surveillance Department as set forth below of any substantial reduction in capital as compared to the most recent filing of a financial report.

1. If any event or series of events, including any withdrawal, advance, loan or loss would cause, on a net basis, a reduction in net capital as reported on the Form 1-FR, or in tentative net capital as reported on the FOCUS Report for broker/dealers, of 20% or more, notice must be provided within two business days of the event or series of events causing the reduction; and
2. If equity capital of the clearing member or a subsidiary or a consolidated affiliate would be withdrawn by action of a stockholder or a partner or by redemption or repurchase of shares of stock by any of the consolidated entities or through the payment of dividends or any similar distribution, or an unsecured advance or loan would be made to a stockholder, partner, sole proprietor, employee or affiliates, such that the withdrawal, advance or loan would cause, on a net basis, a reduction in excess net capital of 30% or more, notice must be provided at least two business days prior to the withdrawal, advance or loan that would cause the reduction.

3. A clearing member that is a bank must provide notice if any event or series of events, including any withdrawal, advance, loan or loss would cause, on a net basis, a reduction in Tier I capital as reported on the most recent filing of a financial report, of 20% or more. Notice must be provided within five business days of the event or series of events causing the reduction or when the clearing member knows or should know of the reduction in Tier I capital.³

The foregoing shall not apply in the case of a reduction in capital resulting from (1) the repayment or prepayment of subordinated liabilities for which notice has been given in accordance with Rule 970 or (2) any futures or securities transaction in the ordinary course of business between a clearing member and any affiliate where the clearing member makes payment to or on behalf of such affiliate for such transaction and then receives payment from such affiliate for such transaction within two business days from the date of the transaction.

973. CUSTOMER ACCOUNTS WITH THE CLEARING HOUSE⁴

All customer funds deposited with the Clearing House on behalf of customers protected by CFTC Regulation 1.20 shall be held in accordance with the Commodity Exchange Act and CFTC Regulation 1.20 in an account identified as Customer Segregated. Such customer funds shall be segregated by the Clearing House and treated as belonging to the customers of the clearing member. Pursuant to this rule, a clearing member shall satisfy the segregation acknowledgement letter requirement of CME Rule 971.A.3., the Commodity Exchange Act, and CFTC Regulation 1.20 for customer deposits held at the Clearing House. A clearing member fully authorizes the Clearing House to comply with all requirements of CFTC Regulation 1.20 with regards to its Customer Segregated account.

All Cleared Swaps Customer Collateral deposited with the Clearing House on behalf of Cleared Swaps Customers shall be held in accordance with Part 22 of the CFTC Regulations in an account identified as a Cleared Swaps Customer Account. Such Cleared Swaps Customer Collateral shall be segregated by the Clearing House and treated as belonging to such customers of the clearing member. Pursuant to this rule, a clearing member shall satisfy the Cleared Swaps Customer Account acknowledgement letter requirement of CME Rule 971.A.3., the Commodity Exchange Act, and CFTC Regulation 22.5 for customer deposits held at the Clearing House. A clearing member fully authorizes the Clearing House to comply with all requirements of CFTC Regulation 22.5 with regards to its Cleared Swaps Customer account.

All customer funds deposited with the Clearing House on behalf of customers protected by CFTC Regulation 30.7 shall be held in a manner consistent with CFTC Regulation 30.7 in an account identified as Customer Secured 30.7. Such customer funds shall be segregated by the Clearing House and treated as belonging to such customers of the clearing member. Pursuant to this rule, a clearing member shall satisfy the acknowledgement letter requirement of CME Rule 971.A.3., the Commodity Exchange Act, and CFTC Regulation 30.7 for customer deposits held at the Clearing House. A clearing member fully authorizes the Clearing House to comply with all requirements of CFTC Regulation 30.7 with regards to its Customer Secured 30.7 account.

974. [RESERVED]

975. EMERGENCY FINANCIAL CONDITIONS

If the Global Head of Clearing determines that the financial or operational condition of a clearing member or one of its affiliates is such that to allow that clearing member to continue its operation would jeopardize the integrity of the Exchange, or negatively impacts the financial markets by introducing an unacceptable level of uncertainty, volatility or risk, whether or not the clearing member continues to meet the required minimum financial requirements, they may empanel the Chief Executive Officer, the Chairman of the Board, a Chairman of the Clearing House Risk Committee, the Chairman of the Clearing House Oversight Committee and the Global Head of Clearing or their respective designees. ("Emergency Financial Committee") Such panel shall be duly authorized and, upon a unanimous vote of the panel, be empowered to order (a) an immediate position limitation, (b) an immediate suspension of the clearing member, (c) that all open trades of said clearing member be for liquidation only, (d) the liquidation or transfer of all or a portion of the open positions of the clearing member, (e) additional performance bond to be deposited with the Clearing House and/or (f) any other action necessary to protect the financial integrity of the Clearing House. The clearing member affected by action taken shall be notified and may

³ Adopted May 2011.

⁴ Revised October 2010.

request a hearing before the Board pursuant to the procedures set forth in Rule 412. To the extent that the panel orders that all open trades of a clearing member be for liquidation only, or the panel orders the liquidation or transfer of all of the open positions of a clearing member, Rule 913.B. shall apply and the clearing member shall be treated as a withdrawing clearing member.

976. SUSPENSION OF CLEARING MEMBERS

If a clearing member becomes insolvent, the clearing member must immediately notify the Exchange of such insolvency. The insolvency shall be announced by the Global Head of Clearing and thereupon such clearing member shall be deemed automatically suspended. If a member of the Clearing House becomes insolvent, or for other reasons is suspended from the Clearing House, the officers, owners or partners who are members of the Exchange may also be suspended from the Exchange.

A clearing member shall be deemed insolvent:

1. If it files a voluntary petition in bankruptcy or is adjudicated as bankrupt;
2. If it fails to fulfill or promptly adjust all of its Exchange obligations; or
3. If satisfactory proof is made to the Clearing House Risk Committee that it is unable to pay its debts as they fall due in the ordinary course of business.

A clearing member may be suspended by the Clearing House Risk Committee pursuant to Rule 403 if it fails to meet the capital requirements of the Clearing House or the CFTC, or if its financial condition, or the financial condition of one of its affiliates, is such that its continued operation would jeopardize the integrity of the Exchange. Members and clearing members suspended in accordance with this rule shall be notified and may request a hearing before the Board as provided in Rule 412.

977. SUSPENSION OF OFFICERS OR PARTNERS

Whenever an officer, owner or partner of a clearing member is suspended or expelled, the respective clearing member may be suspended or expelled for a like term. Members and clearing members affected by this rule shall be notified and may request a hearing before the Board as provided in Rule 412.

978. OPEN TRADES OF SUSPENDED CLEARING MEMBERS

When a clearing member, having open trades, is suspended or expelled, it may designate a clearing member to close out such transactions through designated personnel and in a manner acceptable to the Clearing House.

When a clearing member that has open positions, defaults to the Clearing House in the deposit of performance bonds or settlements, or is suspended for insolvency, the Global Head of Clearing or their delegate may appoint a clearing member to which all such open positions shall be transferred for liquidation, or may appoint a clearing member to liquidate such positions on behalf of such defaulted or suspended clearing member. If open positions are transferred, all supporting performance bond associated with the positions and any settlement payments due or collected must be delivered to the Clearing House, to be entrusted to the clearing member designated to liquidate the positions. The clearing member appointed to liquidate the positions shall have the right, under the direction of the Global Head of Clearing, to buy or sell for the account of the suspended clearing member such contracts as may be necessary to clear the suspended clearing member's contracts with the Clearing House; the clearing member shall also have the right under the direction of the Global Head of Clearing to make or take delivery.

979. SUSPENDED OR EXPELLED CLEARING MEMBERS

In the event a clearing member has been suspended or expelled, the clearing member shall comply with all orders of the Board, the Clearing House Risk Committee, or the Global Head of Clearing.

In the event of refusal by a clearing member to comply with any order placed upon it, the Clearing House may take whatever means necessary to effect the order.

A clearing member or any member suspended due to a clearing member's insolvency may be reinstated upon affirmative proof to the Clearing House Risk Committee of such clearing member's financial responsibility. A member may withdraw from the clearing member and may apply for reinstatement to membership in the Exchange provided that the insolvency of the clearing member was not caused by such member's willful, reckless or unbusinesslike conduct.

RECORDS AND REPORTS

980. REQUIRED RECORDS AND REPORTS

- A. Each clearing member shall prepare, maintain and keep current those books and records required by the rules of the Exchange, the Commodity Exchange Act and the Regulations thereunder. Such books and records shall be open to inspection and promptly provided to the Exchange upon request.
- B. Each clearing member shall maintain an adequate accounting system, internal accounting controls, and procedures for safeguarding customer and firm assets. This includes, but is not limited to, the following:
 - 1. Preparation and maintenance of complete and accurate reconciliations for all accounts;
 - 2. Resolution of reconciling items in a timely manner; and
 - 3. Prevention of a material inadequacy as defined in CFTC Regulation 1.16(d)(2).
- C. A clearing member must file any information requested by the Exchange within the time period specified in the request.
- D. Each clearing member shall maintain at all times the ability to provide to the Exchange in an acceptable form a complete set of equity systems reports (including, at a minimum, the equity run, open position listing, day trade listing, cash adjustments listing and performance bond call and debit equity listing). Such reports shall be available to the Exchange in Chicago no later than 8:00 a.m. Chicago time on the business day following the report date.
- E. Each clearing member shall maintain at all times the ability to provide to the Exchange a listing of each customer's method of access to CME markets, including front end applications and network connections.
- F. Exchange staff may impose administrative fees upon clearing members for late submissions of reports and other information required to be submitted to the Financial and Regulatory Surveillance Department by Exchange Rules. The administrative fees permitted by this Rule 980.F. shall not exceed \$1,000 for the initial late submission, plus \$1,000 for each additional business day that such report or information is not submitted. Where the late submission of reports or other information may be due to insufficient internal accounting controls or procedures, the Business Conduct Committee may impose disciplinary sanctions in lieu of, or in addition to, the administrative fees.
- G. Each Clearing Member must submit daily reports that include all information required by the Clearing House, including but not limited to legal entity identifiers, where available, and end-of-day gross positions by each house origin, by each customer origin and by each individual customer-level account within each customer origin including position of each separate account customer as defined under CFTC Regulation 1.44 if offering separate account treatment. Daily reporting of individual customer-level account information pursuant to this paragraph does not oblige a clearing FCM to look through an omnibus account that it clears for a carrying broker to the underlying customer account.

981. ANTI-MONEY LAUNDERING AND ECONOMIC SANCTIONS COMPLIANCE

Each clearing member shall develop and implement a written compliance program approved in writing by senior management reasonably designed to achieve and monitor the clearing member's compliance with all applicable requirements of the Bank Secrecy Act (31 U.S.C. § 5311 et seq.), the International Emergency Economic Powers Act (50 U.S.C. § 1701 et seq.) ("IEEPA"), the Trading with the Enemy Act (50 U.S.C. App. § 1 et seq.) ("TWEA"), and the Executive Orders and regulations issued pursuant thereto, including the regulations issued by the U.S. Department of the Treasury and, as applicable, the Commodity Futures Trading Commission. That compliance program shall, at a minimum,

- 1. Establish and implement policies, procedures and internal controls reasonably designed to prevent the financial institution from being used for money laundering or the financing of terrorist activities and to achieve compliance with all applicable provisions of the Bank Secrecy Act, IEEPA, TWEA, and all applicable Executive Orders and regulations issued pursuant thereto;
- 2. Provide for independent testing for compliance to be conducted by clearing member personnel or by a qualified outside party;
- 3. Designate an individual or individuals responsible for implementing and monitoring the day-to-day operations and internal controls of the program;
- 4. Provide ongoing training for appropriate personnel; and

5. Include appropriate risk-based procedures for conducting ongoing customer due diligence, including, but not limited to:
 - a. understanding the nature and purpose of customer relationships for the purpose of developing a customer risk profile; and
 - b. conducting ongoing monitoring to identify and report suspicious transactions, and, on a risk basis, to maintain and update customer information, including the information regarding the beneficial owners of legal entity customers.

Clearing members must also supervise and ensure that their guaranteed introducing brokers are in compliance with the provisions contained in this Rule.

982. RISK MANAGEMENT

All clearing members must have written risk management policies and procedures in place to ensure they are able to perform certain basic risk and operational functions at all times, including during Supplemental Trading Hours. At a minimum, the following areas must be considered in the firm's policies and procedures, depending on the firm's size and its business and product mix:

- A. Trade Submission and Account Monitoring. Clearing members must have procedures in place to demonstrate compliance in the following areas for trades executed through both electronic platforms and open outcry:
 1. Monitoring the credit risks of accepting trades, including give-up trades, of specific customers.⁵
 2. Monitoring the risks associated with proprietary trading.
 3. Limiting the impact of significant market moves through the use of tools such as stress testing or position limits.
 4. Maintaining the ability to monitor account activity on an intraday basis, including overnight.⁶
 5. Ensuring order entry systems include the ability to set automated credit controls or position limits or requiring a firm employee to enter orders.
 6. Defining sources of liquidity for increased settlement obligations.
 7. Determining a risk profile for each account it carries, including whether such account presents a heightened risk profile.
- B. Additional and/or Alternative Requirements. Exchange or Clearing House staff may prescribe additional and/or alternative requirements in order for clearing members to comply with this Rule.
- C. Each clearing member shall promptly provide to Clearing House staff, upon request, information and documents regarding its risk management policies, procedures and practices, including, without limitation, information and documents relating to the liquidity of its financial resources, settlement procedures and operational issues.
- D. Each clearing member shall make information and documents regarding its risk management policies, procedures and practices available to the CFTC upon the CFTC's request.

In addition, all FCM clearing members must *comply with* the risk management requirements set forth in CFTC Regulation 1.11: *Risk Management Program for futures commission merchants*.

983. DISASTER RECOVERY AND BUSINESS CONTINUITY

All clearing members must have written disaster recovery and business continuity policies and procedures in place to ensure they are able to perform certain basic operational functions in the event of a significant internal or external interruption to their operations. At a minimum, the following areas must be considered in the firm's policies and procedures, depending on the firm's size and its business and product mix:

- A. Clearing members must have procedures in place to allow them to continue to operate during periods of stress or to transfer accounts to another fully operational clearing member with minimal disruption to either the Exchange or their customers. In order to satisfy this requirement, clearing members must perform:
 1. Periodic testing of disaster recovery and business continuity plans.
 2. Duplication of critical systems at back up sites.

⁵ Revised December 2008.

⁶ Revised December 2008.

3. Periodic back-up of critical information.
- B. Key Staff Contacts. Clearing members must maintain and, at the request of the Exchange, provide accurate and complete information for their key personnel. Clearing members must inform the Exchange in a timely manner whenever a change to their key personnel is made.
- C. Additional and/or Alternative Requirements. Exchange staff may prescribe additional and/or alternative requirements in order for clearing members to comply with this Rule.

TAX COMPLIANCE

990. U.S. WITHHOLDING TAX

- A. Beginning January 1, 2017, the date on which Section 871(m) of the Internal Revenue Code of 1986, as amended (for purposes of this Rule 990, the "Code"), and related Treasury regulations and other official interpretations thereof, first apply to any transactions on the Exchange:
 1. No Clearing Member that is treated as a non-U.S. entity for U.S. federal income tax purposes shall conduct any transaction in equity index products on the Exchange unless:
 - a. such Clearing Member has entered into a qualified intermediary agreement with the Internal Revenue Service ("IRS") in which the Clearing Member has agreed to assume primary responsibility for reporting, collecting and remitting withholding taxes imposed pursuant to Chapters 3 and 4 of subtitle A, and Chapter 61 and Section 3406, of the Code with respect to any income (including dividend equivalents, as such term is defined in Section 871(m)(2) of the Code and Treasury Regulations Section 1.871-15(c) or any successor thereto) arising from transactions on the Exchange that are entered into by the Clearing Member as an intermediary, including transactions entered into on behalf of such Clearing Member's customers;
 - b. (i) such Clearing Member has entered into a qualified intermediary agreement with the IRS to become a qualified derivatives dealer ("Qualified Derivatives Dealer") that permits the Exchange to make payments of dividend equivalents (as such term is defined in Section 871(m)(2) of the Code and Treasury Regulations Section 1.871-15(c) or any successor thereto) or deemed payments, to such Clearing Member free from U.S. withholding taxes imposed pursuant to Chapters 3 and 4 of subtitle A, and Chapter 61 and Section 3406, of the Code arising from transactions on the Exchange that are entered into by the Clearing Member for its own account; and
(ii) such transaction entered into by the Clearing Member is within the scope of the exemption from withholding tax for dividend equivalents (as such term is defined in Section 871(m)(2) of the Code and Treasury Regulations Section 1.871-15(c) or any successor thereto) paid to Qualified Derivative Dealers pursuant to Chapters 3 and 4 of subtitle A, and Chapter 61 and Section 3406, of the Code; and
 - c. such Clearing Member has qualified under such procedures promulgated by the IRS as are in effect from time to time to establish an exemption from withholding under FATCA (as defined below), such that the Exchange will not be required to withhold any amount with respect to any payment made or deemed to be made to such Clearing Member under FATCA. For purposes of this subparagraph c., "FATCA" means the provisions of Sections 1471 through 1474 of the Code, which were enacted as part of the Foreign Account Tax Compliance Act (or any amendment thereto or any successor sections thereof), and related Treasury Regulations and other interpretations thereof, as in effect from time to time, and the provisions of any intergovernmental agreement to implement the FATCA as in effect from time to time between the United States and the jurisdiction of the relevant Clearing Member's residency.
 2. Beginning on January 1, 2017, and on each anniversary thereafter, each Clearing Member that is treated as a non-U.S. entity for U.S. federal income tax purposes and that conducts any transaction in equity index products on the Exchange in accordance with Rule 990.A. 1. shall certify to the Exchange that such Clearing Member satisfies the requirements of Rule 990.A.1.(a) through (c) by providing to the Exchange appropriate tax documentation attesting to such

Clearing Member's federal income tax status, with the first such certification being delivered to the Exchange no later than January 1, 2017. Each such Clearing Member is required to promptly update its certification to the Exchange if required by applicable law or administrative guidance or if the certification is no longer accurate.

3. Beginning on January 1, 2017, and on each anniversary thereafter, each Clearing Member that is treated as a non-U.S. entity for U.S. federal income tax purposes shall provide the Exchange with information relating to the dividend equivalents (as such term is defined in Section 871(m)(2) of the Code and Treasury Regulations Section 1.871-15(c) or any successor thereto) the Exchange pays or is deemed to pay such Clearing Member in sufficient detail and in a sufficiently timely manner to enable the Exchange to report on IRS Forms 1042 and 1042-S (or any successor forms) under Chapters 3 and 4 of subtitle A of the Code, the required amounts and other information relating to dividend equivalents (as such term is defined in Section 871(m)(2) of the Code and Treasury Regulations Section 1.871-15(c) or any successor thereto) and transactions giving rise thereto between the Exchange and the Clearing Member.
4. Each Clearing Member that is treated as a non-U.S. entity for U.S. federal income tax purposes shall promptly inform the Exchange in writing if it undergoes a change in circumstance that would affect its compliance with this Rule 990, or otherwise knows or has reason to know that it is not, or will not be, in compliance with this Rule 990, but in each case, such writing must be delivered to the Exchange no later than within two days of the Clearing Member's knowledge thereof.
5. A Clearing Member that is treated as a non-U.S. entity for U.S. federal income tax purposes shall indemnify the Exchange for any loss, liability or expense (including taxes and penalties) sustained by the Exchange as a result of such Clearing Member failing to comply with the requirements of this Rule 990.

(End Chapter 9)