

APPENDIX A

(additions underlined; deletions ~~overstruck~~)

AMENDED AND RESTATED BY-LAWS OF CHICAGO MERCANTILE EXCHANGE INC.

Amended and Restated as of ~~January 6, 2015~~ May 5, 2016

ARTICLE I

Section 1.1. Annual Meetings.

(a) The annual meetings of stockholders shall be held on such date, at such time and at such place, either within or without the state of Delaware, as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting. Subject to paragraph (b) of this Section 1.1, any other proper business may be transacted at an annual meeting.

(b) At the annual meetings the stockholders shall elect the Board of Directors, which Directors shall at all times be comprised of the same Directors as those of CME Group Inc., the sole stockholder of the Corporation and transact such other business as may properly be brought before the meeting. For such business to be properly brought before the meeting, it must be: (i) authorized by the Board of Directors and specified in the notice, or a supplemental notice, of the meeting, (ii) otherwise brought before the meeting by or at the direction of the Board of Directors or the chairman of the meeting, or (iii) otherwise properly brought before the meeting by a stockholder.

Section 1.2. Special Meetings.

Special meetings of stockholders for any purpose or purposes may be called at any time only by the Chairman of the Board or by a majority of the total number of authorized Directors. The business transacted at a special meeting of stockholders shall be limited to the purpose or purposes for which such meeting is called.

Section 1.3. Notice of Meetings.

Written notice of the place, date, and time of all meetings of the stockholders shall be given, not less than ten (10) nor more than sixty (60) days before the date on which the meeting is to be held, to each stockholder entitled to vote at such meeting, except as otherwise provided herein or required by law (meaning, here and hereinafter, as required from time to time by the DGCL or the Certificate of Incorporation of the Corporation). The notice of any special meeting of stockholders shall also state the purpose or purposes for which such meeting is called.

Section 1.4. Adjournments.

Any annual or special meeting of stockholders may be adjourned from time to time to reconvene at the same or some other place. When a meeting is adjourned to another time or place, notice need not be given

of the adjourned meeting if the time and place, if any, thereof, and the means of remote communications, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting is announced at the meeting at which the adjournment is taken; provided, however, that if the date of any adjourned meeting is more than thirty (30) days after the date for which the meeting was originally noticed, or if a new record date is fixed for the adjourned meeting, notice of the place, if any, date, and time of the adjourned meeting and the means of remote communications, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting shall be given in conformity herewith. At any adjourned meeting, any business may be transacted which might have been transacted at the original meeting without regard to the presence of a quorum at such adjournment.

Section 1.5. Quorum.

Except as otherwise provided by law, the Certificate of Incorporation or these By-laws, the presence in person or by proxy of the holders of stock having not less than one-third of the votes which could be cast by the holders of all outstanding stock entitled to vote at the meeting shall constitute a quorum at each meeting of stockholders. In the absence of a quorum, then either (i) the chairman of the meeting or (ii) the stockholders may, by the affirmative vote of the holders of stock having a majority of the votes which could be cast by all such holders, adjourn the meeting from time to time in the manner provided in Section 1.4 of these By-laws until a quorum is present. If a quorum is present when a meeting is convened, the subsequent withdrawal of stockholders, even though less than a quorum remains, shall not affect the ability of the remaining stockholders lawfully to transact business.

Section 1.6. Organization.

Meetings of stockholders shall be presided over by the Chairman of the Board or the Chief Executive Officer (in that order), or in their absence, inability or unwillingness, by a chairman designated by the Board of Directors, or in the absence of such designation, by a chairman chosen at the meeting. The Secretary shall act as secretary of the meeting, but in his or her absence, the chairman of the meeting may appoint any person to act as secretary of the meeting. The chairman of any meeting of the stockholders shall determine the order of business and the procedure at the meeting, including such regulation of the manner of voting and the conduct of business.

Section 1.7. Proxies and Voting.

At any meeting of the stockholders, every stockholder entitled to vote may vote in person or by proxy authorized by an instrument in writing or by a transmission permitted by law filed in accordance with the procedure established for the meeting. Any copy, facsimile telecommunication or other reliable reproduction of the writing or transmission created pursuant to this paragraph may be substituted or used in lieu of the original writing or transmission for any and all purposes for which the original writing or transmission could be used, provided that such copy, facsimile telecommunication or other reproduction shall be a complete reproduction of the entire original writing or transmission.

Section 1.10. Fixing Date of Determination of Stockholders of Record.

(a) In order that the Corporation may determine the stockholders entitled (i) to notice of or to vote at any meeting of stockholders or any adjournment thereof, (ii) to receive payment of any dividend or other distribution or allotment of any rights, (iii) to exercise any rights in respect of any change, conversion or exchange of stock or (iv) to take, receive or participate in any other action, the Board of Directors may fix a record date, which shall not be earlier than the date upon which the resolution fixing the record date is

adopted by the Board of Directors and which (1) in the case of a determination of stockholders entitled to notice of or to vote at any meeting of stockholders or adjournment thereof, shall, unless otherwise required by law, be not more than 60 nor less than 10 days before the date of such meeting; and (2) in the case of any other action, shall be not more than 60 days before such action.

(b) If no record date is fixed, (i) the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held; and (ii) the record date for determining stockholders for any other purpose shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto.

(c) A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting, but the Board of Directors may fix a new record date for the adjourned meeting.

ARTICLE II

Section 2.1. Number; Qualifications.

The Board of Directors shall consist of the number of Directors as from time to time fixed by the Board of Directors, provided that the Board of Directors shall at all times be comprised of the same Directors as those of CME Group Inc., the sole stockholder of the Corporation, and no person shall serve as a Director unless he or she meets the requirements, if any, provided in the Certificate of Incorporation for service on the Board of Directors.

Section 2.2. Election; Resignation; Vacancies.

(a) Subject to the provisions of the Certificate of Incorporation and Section 1.1(b) of these By-laws, at each annual meeting of stockholders, the stockholders shall elect, pursuant to the terms of the Certificate of Incorporation, the successors to the Directors whose terms expire at that meeting, and each Director shall hold office until the annual meeting at which such Director's term expires and the election and qualification of his or her successor, or until his or her earlier death, resignation or removal. Any Director may resign at any time by giving written notice to the Chairman of the Board, if any, the President or the Secretary. Unless otherwise stated in a notice of resignation, it shall take effect when received by the officer to whom it is directed, without any need for its acceptance.

(b) A vacancy, howsoever occurring, in a directorship shall be filled in the manner specified in the Certificate of Incorporation.

Section 2.3. Regular Meetings.

Regular meetings of the Board of Directors may be held without call or notice at such times and at such places, within or without the state of Delaware, as shall be fixed by resolution of the Board of Directors.

Section 2.4. Special Meetings.

Special meetings of the Board of Directors may be called by the Chairman of the Board, the Chief Executive Officer, or a majority of the members of the Board of Directors then in office and may be held

at any time, date or place, within or without the State of Delaware, as the person or persons calling the meeting shall fix. Notice of the time and place of special meetings shall be delivered personally, by telephone or by electronic transmission to each Director or sent by first-class mail or telegram, charges prepaid, addressed to each Director at that Director's address as it is shown on the records of the Corporation. If the notice is mailed, it shall be deposited in the United States mail at least four days before the time of the holding of the meeting. If the notice is delivered personally, by telephone, by electronic transmission or by telegram, it shall be delivered personally or by telephone or to the telegraph company at least 48 hours before the time of the holding of the meeting. Any oral notice given personally or by telephone may be communicated either to the Director or to a person at the office of the Director who the person giving the notice has reason to believe will promptly communicate it to the Director. The notice need not specify the purpose or the place of the meeting, if the meeting is to be held at the principal executive office of the Corporation.

Section 2.5 Organization.

Meetings of the Board of Directors shall be presided over by the Chairman of the Board, the Lead Director, if any, or the Chief Executive Officer (in that order), or in their absence, inability or unwillingness, by a chairman chosen at the meeting. The Secretary shall act as secretary of the meeting, but in his or her absence the chairman of the meeting may appoint any person to act as secretary of the meeting. A majority of the Directors present at a meeting, whether or not they constitute a quorum, may adjourn such meeting to any other date, time or place without notice other than announcement at the meeting.

Section 2.6. Quorum; Vote Required for Action.

(a) At all meetings of the Board of Directors, a majority of the whole Board of Directors shall constitute a quorum for the transaction of business. Unless the Certificate of Incorporation or these By-laws otherwise provide, the vote of a majority of the Directors present at a meeting at which a quorum is present shall be the act of the Board of Directors. A meeting at which a quorum is initially present may continue to transact business notwithstanding the withdrawal of Directors, if any action taken is approved by at least a majority of the required quorum for that meeting.

(b) If a quorum is not present at any meeting of the Board of Directors, then the Directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum is present.

(c) Whenever notice is required to be given under any provision of the General Corporation Law of Delaware, the Certificate of Incorporation or these By-laws, a written waiver thereof, signed by the person entitled to notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the Directors, or members of a committee of the Board of Directors, need be specified in any written waiver of notice unless so required by the Certificate of Incorporation or these By-laws.

Section 2.7. Telephonic Meetings.

Directors, or any committee of Directors designated by the Board of Directors, may participate in a meeting of the Board of Directors or such committee by means of conference telephone or similar

communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 2.7 shall constitute presence in person at such meeting.

Section 2.8. Informal Action by Directors.

Unless otherwise restricted by the Certificate of Incorporation or these By-laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof, may be taken without a meeting if all members of the Board of Directors or such committee, as the case may be, consent thereto in writing (which may be in counterparts), and the written consent or consents are filed with the minutes of proceedings of the Board of Directors or such committee.

Section 2.9. Reliance Upon Records.

Every Director, and every member of any committee of the Board of Directors, shall, in the performance of his or her duties, be fully protected in relying in good faith upon the records of the Corporation and upon such information, opinions, reports or statements presented to the Corporation by any of its officers or employees, or committees of the Board of Directors, or by any other person as to matters the Director or member reasonably believes are within such other person's professional or expert competence and who has been selected with reasonable care by or on behalf of the Corporation, including, but not limited to, such records, information, opinions, reports or statements as to the value and amount of the assets, liabilities and/or net profits of the Corporation, or any other facts pertinent to the existence and amount of surplus or other funds from which dividends might properly be declared and paid, or with which the Corporation's capital stock might properly be purchased or redeemed.

Section 2.10. Interested Directors.

No contract or transaction between the Corporation and one or more of its Directors or officers, or between the Corporation and any other corporation, partnership, association or other organization in which one or more of its Directors or officers are Directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the Director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because such person's or their votes are counted for such purpose if (i) the material facts as to such person's or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested Directors, even though the disinterested Directors be less than a quorum; or (ii) the material facts as to such person's or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof or the stockholders. Common or interested Directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

Section 2.11. Disqualification from Board or Committees.

No member of the Board or any committee established by the Corporation shall be eligible to serve on the Board or any such committee if the individual has committed a "disciplinary offense" as defined by the CME Rules, as defined in Section 8.6 (Disqualification from Certain Committees and Governing Boards, currently Exchange Rule 300.D) or would be otherwise ineligible pursuant to such rule.

Section 2.13. Compensation.

Unless otherwise restricted by the Certificate of Incorporation, the Board of Directors shall have the authority to fix the compensation of Directors. The Directors shall be paid their reasonable expenses, if any, of attendance at each meeting of the Board of Directors or a committee thereof and may be paid a fixed sum for attendance at each such meeting and an annual retainer or salary for services as a Director or committee member. No such payment shall preclude any Director from serving the Corporation in any other capacity and receiving compensation therefor.

Section 2.14. Presumption of Assent.

Unless otherwise provided by the laws of the State of Delaware, a Director who is present at a meeting of the Board of Directors or of a committee thereof at which action is taken on any matter shall be presumed to have assented to the action taken unless his or her dissent shall be entered in the minutes of such meeting or unless he or she shall file his or her written dissent to such action with the person acting as secretary of such meeting before the adjournment thereof or shall forward such dissent by registered mail to the Secretary immediately after the adjournment of such meeting. Such right to dissent shall not apply to a Director who voted in favor of such action.

ARTICLE III

Section 1. General.

To the fullest extent permitted by law and the Certificate of Incorporation, the Board of Directors of the Corporation shall have the power to appoint, and to delegate authority to, such committees of the Board of Directors of the Corporation as it determines to be appropriate from time to time.

Section 2. Additional and Standing Committees.

In addition to such committees as may be authorized by the Board of Directors of the Corporation from time to time, the Corporation shall have such additional and standing committees, which shall be composed of such persons having such powers and duties, as provided in the Rules. Any person may be disqualified from serving on or participating in the affairs of any committee to the extent provided in the Rules.

ARTICLE IV

Section 4.1. Officers.

The Board of Directors shall elect from among its members a Chairman of the Board. The Board of Directors shall also elect a Chief Executive Officer, a President, a Secretary and such other additional officers with such titles as the Board of Directors shall determine. The Board of Directors shall also have the authority to elect a Lead Director with the responsibilities set forth in the Corporation's Corporate Governance Principles. Any number of offices may be held by the same person. Each Board officer and officer of the Corporation shall hold office until his or her successor is elected and qualified or until his or her earlier death, resignation or removal.

Section 4.2. Resignation; Removal; Vacancies.

Any Board officer or officer of the Corporation may resign at any time by giving written notice to the Chairman of the Board, the Chief Executive Officer or the Secretary. Unless otherwise stated in a notice of resignation, it shall take effect when received by the Board officer or officer to whom it is directed, without any need for its acceptance. Any resignation is without prejudice to the rights, if any, of the Corporation under any contract to which such officer is a party. The Board of Directors may remove any Board officer or officer with or without cause at any time by an affirmative vote of the majority of the Board of Directors, but such removal shall be without prejudice to the contractual rights, if any, of such officer with the Corporation. A vacancy occurring in any Board or executive office of the Corporation may be filled for the unexpired portion of the term thereof by the Board of Directors at any regular or special meeting.

Section 4.3. Powers and Duties of Officers.

The Board officers and officers of the Corporation shall have such powers and duties in the management of the Corporation as may be prescribed by the Board of Directors and, to the extent not so provided, as generally pertain to their respective offices, subject to the control of the Board of Directors. The Board of Directors may require any officer, agent or employee to give security for the faithful performance of his or her duties.

ARTICLE V

Section 5.1. Certificates; Uncertificated Shares.

The shares of the Corporation's stock shall be represented either by book entries on the Corporation's books, if authorized by the Board of Directors, or by certificates signed by, or in the name of the Corporation by its Chairman of the Board, its President, its Chief Executive Officer or a Senior Managing Director, and may be countersigned by its Secretary or an Assistant Secretary, certifying the number of shares owned by such stockholder in the Corporation. Any of or all the signatures on a certificate may be facsimile. In case any officer, transfer agent, or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if such officer, transfer agent or registrar continued to be such at the date of issue. Upon the request of the registered owner of uncertificated shares, the President or his designee shall send to the registered owner a certificate representing such shares.

In the case of uncertificated shares, within a reasonable time after the issuance or transfer thereof, the President or his designee shall send to the registered owner of shares of Common Stock of the Corporation a written notice containing (i) (A) a full statement of the designations, relative rights, preferences and limitations of the shares of the class and series issued or transferred, so far as the same have been determined and the authority of the Board of Directors to divide the shares into classes or series and to determine and change the relative rights, preferences and limitations of any class or series; or (B) a declaration that the Corporation will furnish to the stockholder, upon request and without charge, a statement containing the information described in the preceding clause (A); (ii) a statement that the Corporation is organized under the laws of the State of Delaware; (iii) the name of the person to whom the uncertificated shares have been issued or transferred; (iv) the number and class of shares, and the designation of the series, if any, to which such notice applies; and (v) any restrictions on transfer of the shares, in accordance with Section 202 of the Delaware General Corporation Law. The notice referred to

in the preceding sentence shall also contain the following statement: "This notice is merely a record of the rights of the addressee as of the time of its issuance. Delivery of this statement, of itself, confers no rights on the recipient. This notice is neither a negotiable instrument nor a security."

Section 5.2. Lost, Stolen or Destroyed Certificates; Issuance of New Certificates.

The Corporation may issue a new certificate for stock in the place of any certificate theretofore issued by it, alleged to have been lost, stolen or destroyed, and the Corporation may require the owner of the lost, stolen or destroyed certificate, or such stockholder's legal representative, to indemnify the Corporation and/or to give the Corporation a bond sufficient to indemnify it against any claim that may be made against it on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate.

Section 5.3. Transfers of Stock.

Upon surrender to the Corporation or the transfer agent of the Corporation of a certificate for stock of the Corporation duly endorsed or accompanied by proper evidence of succession, assignment or authority to transfer or, if the relevant stock certificate is claimed to have been lost, stolen or destroyed, upon compliance with the provisions of Section 5.2 of these By-laws, and upon payment of applicable taxes with respect to such transfer, and in compliance with the transfer restrictions applicable to such shares under the Certificate of Incorporation, these By-laws or rules of the Corporation and any other applicable transfer restrictions of which the Corporation shall have notice, the Corporation shall issue a new certificate or certificates for such stock to the person entitled thereto, cancel the old certificate and record the transaction upon its books. Transfers of stock shall be made only on the books of the Corporation by the registered holder thereof or by such holder's attorney or successor duly authorized as evidenced by documents filed with the Secretary. Whenever any transfer of stock shall be made for collateral security, and not absolutely, it shall be so expressed in the entry of transfer if, when the certificate or certificates representing such stock are presented to the Corporation for transfer, both the transferor and transferee request the Corporation to do so.

Section 5.4. Transfers of Uncertificated Stock.

Except as otherwise required by law, uncertificated shares of the Corporation's stock shall be transferable in the manner prescribed in these By-Laws. Transfers of uncertificated stock shall be made on the books of the Corporation only by the person then registered on the books of the Corporation as the owner of such shares or by such person's attorney lawfully constituted in writing and written instruction to the Corporation containing the following information: (i) the class of shares, and the designation of the series, if any, to which such notice applies; (ii) the number of shares transferred; and (iii) the name, address and taxpayer identification number, if any, of the party to whom the shares have been transferred and who, as a result of such transfer, is to become the new registered owner of the shares. No transfer of uncertificated stock shall be valid as against the Corporation for any purpose until it shall have been entered in the stock records of the Corporation by an entry showing from and to whom transferred.

Section 5.5. Special Designation on Certificates.

The designations, preferences, and relative, participating, optional or other special rights of each class of stock or series thereof and the qualifications, limitations or restrictions of such preferences and/or rights shall be set forth in full or summarized on the face or back of the certificate that the Corporation shall issue to represent such class or series of stock; provided, however, that, except as otherwise provided in Section 202 of the General Corporation Law of Delaware, in lieu of the foregoing requirements there may

be set forth on the face or back of the certificate that the Corporation shall issue to represent such class or series of stock a statement that the Corporation will furnish without charge to each stockholder who so requests the powers, designations, preferences, and the relative, participating, optional or other special rights of each class of stock, or series thereof, and the qualifications limitations or restrictions of such preferences and/or rights.

Section 5.6. Stock Transfer Agreements.

Subject to the provisions of the Certificate of Incorporation, the Corporation shall have power to enter into and perform any agreement with any number of stockholders of any one or more classes, or series thereof, of stock of the Corporation to restrict the transfer of such shares owned by such stockholders in any manner not prohibited by the General Corporation Law of Delaware.

Section 5.7. Registered Stockholders.

The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends and to vote as such owner, shall be entitled to hold liable for calls and assessments the person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of another person, whether or not it shall have express or other notice thereof, except as otherwise provided by the laws of Delaware.

Section 5.8. Other Regulations.

The issue, transfer, conversion and registration of stock certificates shall be governed by such other regulations as the Board of Directors may establish.

ARTICLE VI

Section 6.1. Manner of Notice.

Except as otherwise provided by law, the Certificate of Incorporation or these By-laws, whenever notice is required to be given to any stockholder, Director or member of any committee of the Board of Directors, such notice may be given by personal delivery or by depositing it, in a sealed envelope, in the United States mails, first class, postage prepaid, addressed, or by transmitting it via telecopier, to such stockholder, Director or member, either at the address of such stockholder, Director or member as it appears on the records of the Corporation or, in the case of such a Director or member, at his or her business address; and such notice shall be deemed to be given at the time when it is thus personally delivered, deposited or transmitted, as the case may be. Such requirement for notice shall also be deemed satisfied, except in the case of stockholder meetings, if actual notice is received orally or by other writing by the person entitled thereto as far in advance of the event with respect to which notice is being given as the minimum notice period required by law or these By-laws.

Section 6.2. Dispensation with Notice.

(a) Whenever notice is required to be given by law, the Certificate of Incorporation or these By-laws to any stockholder to whom (i) notice of two consecutive annual meetings of stockholders, and all notices of meetings of stockholders or (ii) all, and at least two, payments (if sent by first class mail) of dividends or interest on securities of the Corporation during a 12-month period, have been mailed addressed to such stockholder at the address of such stockholder as shown on the records of the Corporation and have been

returned undeliverable, the giving of such notice to such stockholder shall not be required. Any action or meeting which shall be taken or held without notice to such stockholder shall have the same force and effect as if such notice had been duly given. If any such stockholder shall deliver to the Corporation a written notice setting forth the then current address of such stockholder, the requirement that notice be given to such stockholder shall be reinstated.

(b) Whenever notice is required to be given by law, the Certificate of Incorporation or these By-laws to any person with whom communication is unlawful, the giving of such notice to such person shall not be required, and there shall be no duty to apply to any governmental authority or agency for a license or permit to give such notice to such person. Any action or meeting which shall be taken or held without notice to any such person with whom communication is unlawful shall have the same force and effect as if such notice had been duly given.

Section 6.3. Waiver of Notice.

Any written waiver of notice, signed by the person entitled to notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of any regular or special meeting of the stockholders, Directors, or members of a committee of Directors need be specified in any written waiver of notice.

ARTICLE VII

Section 7.1. Right to Indemnification.

Each person who was or is made a party or is threatened to be made a party to or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative (hereinafter a "proceeding"), by reason of the fact that he or she is or was a Director, officer, trustee, committee member or employee of the Corporation or is or was serving at the request of the Corporation as a Director, officer, trustee, committee member or employee of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to an employee benefit plan (hereinafter an "indemnitee"), shall be indemnified and held harmless by the Corporation to the fullest extent authorized by the DGCL, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Corporation to provide broader indemnification rights than such law permitted the Corporation to provide prior to such amendment) against all expense, liability and loss (including attorneys' fees, judgments, fines, ERISA excise taxes or penalties and amounts paid in settlement) reasonably incurred or suffered by such indemnitee in connection therewith; provided, however, that, except as provided in Section 7.3 of this Article VII of these By-laws with respect to proceedings to enforce rights to indemnification, the Corporation shall indemnify any such indemnitee in connection with a proceeding (or part thereof) initiated by such indemnitee only if such proceeding (or part thereof) was authorized by the Board of Directors of the Corporation.

Section 7.2. Right to Advancement of Expenses.

Expenses (including attorney's fees) incurred by an indemnitee in defending any proceeding shall be paid by the Corporation in advance of its final disposition (hereinafter an "advancement of expenses"); provided, however, that an advancement of expenses shall be made only upon delivery to the Corporation

of an undertaking (hereinafter an “undertaking”), by or on behalf of such indemnitee, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal (hereinafter a “final adjudication”) that such indemnitee is not entitled to be indemnified for such expenses under this Section 7.2 of this Article VII of these By-laws or otherwise.

Notwithstanding the foregoing or any other provision of these By-laws, no advance shall be made by the Corporation to an indemnitee who is not a Director or officer of the Corporation and no non-director or non-officer indemnitee shall be entitled to such advance (i) if a determination is reasonably and promptly made by the Board of Directors by a majority vote of those Directors who have not been named parties to the action, even though less than a quorum, or if there are no such Directors or if such Directors so direct, by independent legal counsel, that, based upon the facts known by the Board of Directors or such counsel at the time such determination is made: (x) the person seeking advancement of expenses (1) acted in bad faith, (2) did not act in a manner that he or she reasonably believed to be in or not opposed to the best interests of the Corporation; or (3) acted contrary to, or omitted to act in accordance with, written policies of the Corporation applicable to such person; (y) with respect to any criminal proceeding, such person believed or had reason to believe that his or her conduct was unlawful; or (z) such person deliberately breached his or her duty to the Corporation, and (ii) unless an undertaking by or on behalf of such non-director or non-officer indemnitee has been delivered to the Corporation and such indemnitee has provided such security or satisfied such conditions as may be imposed by the Board at the time of such delivery.

The rights to indemnification and to the advancement of expenses conferred in Sections 7.1 and 7.2 of this Article VII of these By-laws shall be contract rights and such rights shall continue as to an indemnitee who has ceased to be a Director, officer, trustee, committee member or employee and shall inure to the benefit of the indemnitee’s heirs, executors and administrators.

Section 7.3. Claims.

If a claim for indemnification or advancement of expenses under this Article VII of these By-laws is not paid in full within sixty (60) days after a written claim therefor by an indemnitee has been received by the Corporation, the indemnitee may file suit to recover the unpaid amount of such claim and, if successful in whole or in part, shall be entitled to be paid the expense of prosecuting such claim. In any such action, the Corporation shall have the burden of proving that the indemnitee is not entitled to the requested indemnification or advancement of expenses under the DGCL.

Section 7.4. Non-Exclusivity of Rights.

The rights to indemnification and to the advancement of expenses conferred in this Article VII of these By-laws shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, the Certificate of Incorporation, By-laws, agreement, vote of stockholders or disinterested Directors or otherwise.

Section 7.5 Insurance.

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

Section 7.6. Indemnification of Agents of the Corporation.

The Corporation may, to the extent authorized from time to time by the Board of Directors of the Corporation, grant rights to indemnification and to the advancement of expenses to any agent of the Corporation to the fullest extent of the provisions of this Article VII of these By-laws with respect to the indemnification and advancement of expenses of the indemnitees hereunder.

Section 7.7 Corporation Defense Expenses.

Any member or member firm of the Corporation who fails to prevail in a lawsuit or any other type of legal proceeding instituted by that member or member firm against the Corporation or any of its officers, Directors, committee members, employees or agents must pay to the Corporation all reasonable expenses, including attorney's fees, incurred by the Corporation in the defense of such proceeding. Any member or member firm required to compensate the Corporation pursuant to this section shall be assessed interest on such amount at the rate of Prime plus one percent (1%), which interest shall accrue from the date such amount was demanded in writing after the member or member firm failed to prevail in a lawsuit or any other type of legal proceeding against the Corporation.

ARTICLE VIII

Section 8.1. Form of Records.

Any records maintained by the Corporation in the regular course of its business, including its stock ledger, books of account, and minute books, may be kept on, or be in the form of, magnetic tape, diskette, photographs, microphotographs, or any other information storage device, provided that the records so kept can be converted into clearly legible form within a reasonable time. The Corporation shall so convert any records so kept upon the request of any person entitled to inspect the same.

Section 8.2. Execution of Corporate Contracts and Instruments.

The Board of Directors, except as otherwise provided in these By-laws, may authorize any officer or officers, or agent or agents, to enter into any contract or execute any instrument in the name of and on behalf of the Corporation; such authority may be general or confined to specific instances. Unless so authorized or ratified by the Board of Directors or within the agency power of an officer, no officer, agent or employee shall have any power or authority to bind the Corporation by any contract or engagement or to pledge its credit or to render it liable for any purpose or for any amount.

Section 8.3. Severability.

If any provision of these By-laws shall be held to be invalid, illegal, unenforceable or in conflict with the provisions of the Corporation's Certificate of Incorporation, then such provision shall nonetheless be enforced to the maximum extent possible consistent with such holding and the remaining provisions of these By-laws (including without limitation, all portions of any section of these By-laws containing any such provision held to be invalid, illegal, unenforceable or in conflict with the Certificate of Incorporation, that are not themselves invalid, illegal, unenforceable or in conflict with the Certificate of Incorporation) shall remain in full force and effect.

Section 8.4. Construction; Definitions.

Unless the context requires otherwise, the general provisions, rules of construction, and definitions in the General Corporation Law of Delaware shall govern the construction of these By-laws. Without limiting the generality of this provision, the singular number includes the plural, the plural number includes the singular, and the term "person" includes both a corporation and a natural person.

Section 8.5. Dividends.

The Board of Directors, subject to any restrictions contained in the General Corporation Law of Delaware or the Certificate of Incorporation, may declare and pay dividends upon the shares of its capital stock. Dividends may be paid only in cash or in property. The Board of Directors may set apart out of any of the funds of the Corporation available for dividends a reserve or reserves for any proper purpose and may abolish any such reserve. Such purposes shall include, but not be limited to, equalizing dividends, repairing or maintaining any property of the Corporation, and meeting contingencies.

Section 8.6 Consolidated Rules of the Chicago Mercantile Exchange Inc.

The affairs and operations of the Corporation in addition to being governed by the Delaware General Corporation Law, the Certificate of Incorporation and these By-Laws, shall also be governed by the Consolidated Rules of Chicago Mercantile Exchange Inc. (the "CME Rules"). Where there exists any inconsistency between the CME Rules and the General Corporation Law of the State of Delaware, the Certificate of Incorporation or these By-Laws, the General Corporation Law of the State of Delaware, the Certificate of Incorporation or these By-Laws shall govern to the extent of the inconsistency.

Section 8.7 Transparency of Governance Arrangements

For purposes of the Company's activities as a swap data repository, the Company shall maintain governance arrangements that are transparent to support, among other things, the objectives set forth in Section 21(f)(2) of the Act and Rule 91-507(8) as set forth by the Canadian Regulators and Section 2.4.1 of ASIC Derivative Trade Repository Rules 2013.