

EXHIBIT C

Exhibit Request:

For each subsidiary or affiliate of the applicant, and for any entity with whom the applicant has a contractual or other agreement relating to the operation of an electronic trading system to be used to effect transactions on the exchange (“System”), provide the following information:

1. Name and address of organization.
2. Form of organization (e.g., association, corporation, partnership, etc.).
3. Name of state and statute citation under which organized. Date of incorporation in present form.
4. Brief description of nature and extent of affiliation.
5. Brief description of business or functions. Description should include responsibilities with respect to operation of the System and/or execution, reporting, clearance, or settlement of transactions in connection with operation of the System.
6. A copy of the constitution.
7. A copy of the articles of incorporation or association including all amendments.
8. A copy of existing by-laws or corresponding rules or instruments.
9. The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions.
10. An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association.

Response:

A. MIAMI INTERNATIONAL HOLDINGS, INC.

1. *Name:* Miami International Holdings, Inc.
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on November 14, 2007.

4. *Brief description of nature and extent of affiliation:* MIAX Emerald, LLC is a wholly-owned subsidiary of Miami International Holdings, Inc. (“MIH”).
5. *Brief description of business or functions:* Miami International Holdings, Inc. is a holding company which holds 100% of the equity of Miami International Securities Exchange, LLC, MIAX PEARL, LLC, MIAX Emerald, LLC, Miami International Technologies, LLC, MIAX Global, LLC, and Miami International Futures Exchange, LLC. Miami International Holdings, Inc. will be the entity through which the ultimate owners of the applicant indirectly hold their ownership interest in the applicant and its affiliates.
6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Amended and Restated Certificate of Incorporation dated October 16, 2015 is attached.**
8. *A copy of existing by-laws or corresponding rules or instruments:* **The Amended and Restated By-Laws dated June 27, 2015 are attached.**
9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of Miami International Holdings, Inc.

The following persons are the officers of Miami International Holdings, Inc.:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Paul Warner	Executive Vice President and Chief Financial Officer
Edward Deitzel	Executive Vice President and Chief Regulatory Officer
Randy Foster	Senior Vice President – Business Systems Development
Harish Jayabalan	Senior Vice President – Chief Risk Officer & Chief Information Security Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Joseph W. Ferraro III	Senior Vice President – Deputy General Counsel
Deborah Carroll	Senior Vice President – Associate General Counsel
Amy Neiley	Senior Vice President – Trading Operations and Listings
Rodney Hester	Vice President – Systems Infrastructure
Shawn Hughes	Vice President – Project Management
James O’Neil	Vice President and Director of Physical Security and Safety
Vinay Rao	Vice President – Trading Systems Development
Siddharth Sahoo	Vice President – Trading Systems Development

Name	Title
Tia Toms	Vice President – Administration
Gregory Ziegler	Assistant Vice President – Senior Associate Counsel
Dimitriy Kotov	Assistant Vice President – Associate Counsel
Kelly Fitzgerald	Assistant Vice President – Controller

The officers of Miami International Holdings, Inc. serve until their successors are appointed in accordance with the By-Laws of Miami International Holdings, Inc. Officers of Miami International Holdings, Inc. serve at the direction of the Board of Directors.

Directors of Miami International Holdings, Inc.

The following persons are the directors of Miami International Holdings, Inc.:

Name
Thomas P. Gallagher (Chairman)
Talal Jassim Al-Bahar
Abdulwahab Ahmad Al-Nakib
Sayer B. Al-Sayer
Michael P. Ameen
Albert M. Barro, Jr.
John Beckelman
Barry J. Belmont
Ricardo Blach
Christopher Brady
Khaled Magdy El-Marsafy
William W. Hopkins
Thomas J. Kelly, Jr.
Paul Kotos
Jack G. Mondel
William J. O'Brien III
Robert D. Prunetti
Mark F. Raymond
Douglas M. Schafer, Jr.
Paul V. Stahlin
Byrum W. Teekell
Christopher L. Whittington
Jassem Hassan Zainal

Directors of Miami International Holdings, Inc. serve one year terms.

Audit Committee of Miami International Holdings, Inc.

The following persons are members of the Audit Committee of Miami International Holdings, Inc.:

Name
Paul V. Stahlin (Chairman)
Michael P. Ameen
Khaled Magdy El-Marsafy

Compensation Committee of Miami International Holdings, Inc.

The following persons are members of the Compensation Committee of Miami International Holdings, Inc.:

Name
Talal Jassim Al-Bahar (Chairman)
Christopher D. Brady
Thomas J. Kelly
Mark F. Raymond
Byrum W. Teekell

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association:* Not applicable.

B. MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

1. *Name:* Miami International Securities Exchange, LLC
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on September 10, 2007.
4. *Brief description of nature and extent of affiliation:* Miami International Securities Exchange, LLC is wholly-owned by Miami International Holdings, Inc., which is the applicant's 100% owner.
5. *Brief description of business or functions:* Miami International Securities Exchange, LLC ("MIAX") is registered as a National Securities Exchange under Section 6 of the Securities Exchange Act of 1934, as amended. MIAX operates a fully electronic options trading platform.

6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Amended and Restated Certificate of Formation dated June 17, 2011 is attached.**
8. *A copy of existing by-laws or corresponding rules or instruments:* **The Second Amended and Restated Limited Liability Company Agreement dated December 1, 2012, and Amended and Restated By-Laws dated May 20, 2016 are attached.**
9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of Miami International Securities Exchange, LLC

The following persons are the officers of Miami International Securities Exchange, LLC:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Paul Warner	Executive Vice President and Chief Financial Officer
Edward Deitzel	Executive Vice President, Chief Regulatory Officer and Chief Compliance Officer
Shelly Brown	Executive Vice President – Strategic Planning and Business Development
John Smollen	Executive Vice President – Head of Exchange Traded Products and Strategic Relations
Randy Foster	Senior Vice President – Business Systems Development
Harish Jayabalan	Senior Vice President – Chief Risk Officer & Chief Information Security Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Joseph W. Ferraro III	Senior Vice President – Deputy General Counsel
Deborah Carroll	Senior Vice President, Associate General Counsel and Assistant Corporate Secretary
Richard Ross	Senior Vice President of Exchange Traded Products
Joseph S. Bracco	Senior Vice President – Head of Sales
Amy Neiley	Senior Vice President – Trading Operations and Listings
Roli Bhotika	Vice President – Head of Business Development
Rodney Hester	Vice President – Systems Infrastructure
Shawn Hughes	Vice President – Project Management

Name	Title
Lawrence O'Leary	Vice President – Market Surveillance
Laurence Gardner	Vice President – Regulatory Operations
James O'Neil	Vice President and Director of Physical Security and Safety
Vinay Rao	Vice President – Trading Systems Development
Siddharth Sahoo	Vice President – Trading Systems Development
Tia Toms	Vice President – Administration
Gregory Ziegler	Assistant Vice President – Senior Associate Counsel
Dimitriy Kotov	Assistant Vice President – Associate Counsel
Kelly Fitzgerald	Assistant Vice President – Controller

The officers of Miami International Securities Exchange, LLC serve until their successors are appointed in accordance with the By-Laws of Miami International Securities Exchange, LLC. Officers of Miami International Securities Exchange, LLC will serve at the direction of the Board of Directors.

Directors of Miami International Securities Exchange, LLC

The following persons are the directors and Board observers of Miami International Securities Exchange, LLC:

Directors
Thomas P. Gallagher
Talal Jassim Al-Bahar
Michael P. Ameen
Lindsay L. Burbage
Robert Castrignano
Marianne Deane
John DiBacco, Jr.
Meaghan Dugan
Kurt M. Eckert
Leslie Florio
Lawrence E. Jaffe
Paul Jiganti
John A. Kinahan
John E. McCormac
Miguel Moratiel
William J. O'Brien IV
Robert D. Prunetti

Joseph Sellitto
Cynthia Schwarzkopf
J. Gray Teekell
Observers
Guy Dowman
Michael Harrington

Committees of Miami International Securities Exchange, LLC

The standing committees of the Board and the persons appointed to sit on the standing committees are as follows:

Audit Committee
Robert D. Prunetti (Chair)
Michael P. Ameen
John E. McCormac

Compensation Committee
J. Gray Teekell (Chair)
Robert D. Prunetti
Cynthia Schwarzkopf

Regulatory Oversight Committee
Lindsay L. Burbage (Chair)
Leslie Florio
Lawrence E. Jaffe

Appeals Committee
Lawrence Jaffe (Chair)
Robert Castrignano
Kurt M. Eckert

Technology Committee
Leslie Florio (Chair)
Robert Castrignano
Marianne Deane
Meaghan Dugan
Kurt M. Eckert
John A. Kinahan
John E. McCormac
William J. O'Brien IV
J. Gray Teekell

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association:* Not applicable.

C. MIAX PEARL, LLC

1. *Name:* MIAX PEARL, LLC
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on February 11, 2016.
4. *Brief description of nature and extent of affiliation:* MIAX PEARL, LLC ("MIAX PEARL") is wholly-owned by Miami International Holdings, Inc., which is the applicant's 100% owner.
5. *Brief description of business or functions:* MIAX PEARL is registered as a National Securities Exchange under Section 6 of the Securities Exchange Act of 1934, as amended. MIAX PEARL operates a fully electronic options trading platform.
6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Certificate of Formation dated February 11, 2016 is attached.**
8. *A copy of existing by-laws or corresponding rules or instruments:* **The Amended and Restated Limited Liability Company Agreement dated December 5, 2016 and By-Laws dated December 5, 2016 are attached.**

9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of MIAX PEARL, LLC

The following persons are the officers of MIAX PEARL, LLC:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Paul Warner	Executive Vice President and Chief Financial Officer
Edward Deitzel	Executive Vice President, Chief Regulatory Officer and Chief Compliance Officer
Shelly Brown	Executive Vice President – Strategic Planning and Business Development
John Smollen	Executive Vice President – Head of Exchange Traded Products and Strategic Relations
Randy Foster	Senior Vice President – Business Systems Development
Harish Jayabalan	Senior Vice President – Chief Risk Officer & Chief Information Security Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Joseph W. Ferraro III	Senior Vice President – Deputy General Counsel
Deborah Carroll	Senior Vice President, Associate General Counsel and Assistant Corporate Secretary
Richard Ross	Senior Vice President of Exchange Traded Products
Joseph S. Bracco	Senior Vice President – Head of Sales
Amy Neiley	Senior Vice President – Trading Operations and Listings
Roli Bhotika	Vice President – Head of Business Development
Rodney Hester	Vice President – Systems Infrastructure
Shawn Hughes	Vice President – Project Management
Lawrence O’Leary	Vice President – Market Surveillance
Laurence Gardner	Vice President – Regulatory Operations
James O’Neil	Vice President and Director of Physical Security and Safety
Vinay Rao	Vice President – Trading Systems Development
Siddharth Sahoo	Vice President – Trading Systems Development
Tia Toms	Vice President – Administration
Gregory Ziegler	Assistant Vice President – Senior Associate Counsel
Dimitriy Kotov	Assistant Vice President – Associate Counsel

Name	Title
Kelly Fitzgerald	Assistant Vice President – Controller

Directors of MIAX PEARL, LLC

The following persons are the directors of MIAX PEARL, LLC:

Name
Thomas P. Gallagher
William T. Bergman
Lindsay L. Burbage
Kurt M. Eckert
Leslie Florio
Richard Herr
H. Dale Herring
Lawrence E. Jaffe
Sebastiaan Koeling
Benjamin Londergan
Mark I. Massad
John E. McCormac
Robert D. Prunetti
Cynthia Schwarzkopf

Committees of MIAX PEARL, LLC

The standing committees of the Board and the persons appointed to sit on the standing committees are as follows:

Compensation Committee
Cynthia Schwarzkopf (Chair)
William T. Bergman
Robert D. Prunetti

Audit Committee
Robert D. Prunetti (Chair)
John E. McCormac
Cynthia Schwarzkopf

Regulatory Oversight Committee
Lindsay L. Burbage (Chair)
Leslie Florio
Lawrence E. Jaffe

Appeals Committee
Lawrence E. Jaffe (Chair)
Kurt M. Eckert
Richard Herr

Technology Committee
Leslie Florio (Chair)
John E. McCormac
Kurt Eckert

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association:* Not applicable.

D. MIAMI INTERNATIONAL TECHNOLOGIES, LLC

1. *Name:* Miami International Technologies, LLC
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on May 12, 2010.
4. *Brief description of nature and extent of affiliation:* Miami International Technologies, LLC ("MIAX Technologies") is wholly-owned by Miami International Holdings, Inc., which is the applicant's 100% owner.
5. *Brief description of business or functions:* MIAX Technologies engages in the sale and licensing of trading and information technology to unrelated third parties.
6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Amended and Restated Certificate of Formation dated June 29, 2011 is attached.**

8. *A copy of existing by-laws or corresponding rules or instruments: **The First Amended and Restated Limited Liability Company Agreement dated May 20, 2011 is attached.***
9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of Miami International Technologies, LLC

The following persons are the officers of Miami International Technologies, LLC:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Douglas M. Schafer, Jr.	President and Chief Information Officer
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Paul Warner	Executive Vice President and Chief Financial Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Randy Foster	Senior Vice President – Business Systems Development
Deborah Carroll	Senior Vice President – Associate General Counsel
Rodney Hester	Vice President – Systems Infrastructure
Harish Jayabalan	Vice President – Technical Support and Product Specialist
Tia Toms	Vice President – Administration
James O’Neil	Vice President and Director of Physical Security and Safety
Kelly Fitzgerald	Assistant Vice President – Controller

Directors of Miami International Technologies, LLC

The following persons are the directors of Miami International Technologies, LLC:

Name
Thomas P. Gallagher

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association: Not applicable.*

E. MIAX GLOBAL, LLC

1. *Name:* MIAX Global, LLC
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on June 30, 2015.
4. *Brief description of nature and extent of affiliation:* MIAX Global, LLC ("MIAX Global") is wholly-owned by Miami International Holdings, Inc., which is the applicant's 100% owner.
5. *Brief description of business or functions:* MIAX Global focuses on the company's trading, technology and other projects primarily based outside of North America, initially focusing on Europe and Latin America.
6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Certificate of Formation dated June 30, 2015 is attached.**
8. *A copy of existing by-laws or corresponding rules or instruments:* **The Limited Liability Company Agreement dated June 30, 2015 is attached.**
9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of MIAX Global, LLC

The following persons are the officers of MIAX Global, LLC:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Paul Warner	Executive Vice President and Chief Financial Officer

Directors of MIAX Global, LLC

The following persons are the directors of MIAX Global, LLC:

Name
Thomas P. Gallagher

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association:* Not applicable.

F. MIAMI INTERNATIONAL FUTURES EXCHANGE, LLC

1. *Name:* Miami International Futures Exchange, LLC
Address: 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), on November 30, 2007.
4. *Brief description of nature and extent of affiliation:* Miami International Futures Exchange, LLC ("MIAX Futures") is wholly-owned by Miami International Holdings, Inc., which is the applicant's 100% owner.
5. *Brief description of business or functions:* MIAX Futures is not yet active. Miami International Holdings, Inc. may develop MIAX Futures as a futures exchange under the regulation of the CFTC. If MIAX Futures becomes operational, it will perform functions performed by a futures exchange.
6. *A copy of the constitution:* Not applicable.
7. *A copy of the articles of incorporation or association including all amendments:* **The Amended and Restated Certificate of Formation dated June 17, 2011 is attached.**
8. *A copy of existing by-laws or corresponding rules or instruments:* **The First Amended and Restated Limited Liability Company Agreement dated May 20, 2011 is attached.**
9. *The name and title of the present officers, governors, members of all standing committees, or persons performing similar functions:*

Officers of Miami International Futures Exchange, LLC

The following persons are the officers of Miami International Futures Exchange, LLC:

Name	Title
Thomas P. Gallagher	Chairman and Chief Executive Officer
Douglas M. Schafer, Jr.	Chief Information Officer and Executive Vice President
Barbara Comly	Executive Vice President, General Counsel and Corporate Secretary

Directors of Miami International Futures Exchange, LLC

The following persons are the directors of Miami International Futures Exchange, LLC:

Name
Thomas P. Gallagher

10. *An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association:* Not applicable.

**AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF
MIAMI INTERNATIONAL HOLDINGS, INC.**

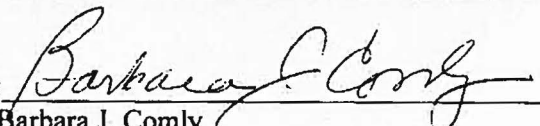
MIAMI INTERNATIONAL HOLDINGS, INC., a corporation organized and existing under the laws of the State of Delaware (the "Corporation"), in accordance with the provisions of Section 245 of the General Corporation Law of the State of Delaware, hereby certifies as follows:

1. The Certificate of Incorporation of the Corporation was filed with the Secretary of State of the State of Delaware on November 14, 2007.
2. An Amended and Restated Certificate of Incorporation of the Corporation was filed with the Secretary of State of the State of Delaware on January 22, 2008.
3. An Amended and Restated Certificate of Incorporation of the Corporation was filed with the Secretary of State of the State of Delaware on May 15, 2008.
4. A Certificate of Designation for the Series B Preferred Stock of the Corporation was filed with the Secretary of State of the State of Delaware on May 30, 2008.
5. A Certificate of Designation for the Series A Preferred Stock of the Corporation was filed with the Secretary of State of the State of Delaware on June 4, 2008.
6. A Certificate of Increase of Shares Designated as Series B Preferred Stock of the Corporation was filed with the Secretary of State of the State of Delaware on November 1, 2010.
7. A Certificate of Elimination for the Series A Preferred Stock of the Corporation was filed with the Secretary of State of the State of Delaware on November 1, 2010.
8. A Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on November 9, 2010.
9. An Amended and Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on August 31, 2012.
10. This Amended and Restated Certificate of Incorporation of the Corporation amends and restates the Restated Certificate of Incorporation of the Corporation as set forth in Exhibit A attached hereto. This Amended and Restated Certificate of Incorporation of the Corporation was duly adopted in accordance with Section 242 and 245 of the General Corporation Law of the State of Delaware.
11. The text of this Amended and Restated Certificate of Incorporation of the Corporation is set forth in Exhibit A attached hereto and made a part hereof.

IN WITNESS WHEREOF, Miami International Holdings, Inc. has caused this Amended and Restated Certificate of Incorporation to be executed by its duly authorized officer on this 15th day of October, 2015.

MIAMI INTERNATIONAL HOLDINGS, INC.

State of Delaware
Secretary of State
Division of Corporations
Delivered 10:00 AM 10/16/2015
FILED 10:00 AM 10/16/2015
SR 20150535314 - File Number 4457259

By: 
Barbara J. Comly
EVP, General Counsel and Corporate Secretary

**AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF
MIAMI INTERNATIONAL HOLDINGS, INC.**

FIRST: The name of the Corporation is Miami International Holdings, Inc. (hereinafter the "Corporation").

SECOND: The address of the registered office of the Corporation in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at that address is The Corporation Trust Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware as set forth in Title 8 of the Delaware Code (the "GCL").

FOURTH: A. The total number of shares of stock which the Corporation shall have authority to issue is 625,000,000 shares which are to be divided as follows:

- (i) 400,000,000 shares of voting common stock, par value \$.001 per share designated as "Common Stock";
- (ii) 200,000,000 shares of nonvoting common stock, par value \$.001 per share designated as "Nonvoting Common Stock"; and
- (iii) 25,000,000 shares of preferred stock, par value \$.001 per share designated as "Preferred Stock".

Except as set forth in this Article Fourth, the Common Stock and the Nonvoting Common Stock (together herein, the "Common Shares") shall have the same rights and privileges and shall rank equally, share ratably and be identical in all respects as to all corporate matters.

(a) **Voting.** Except as may be provided in this Amended and Restated Certificate of Incorporation or as required by law, the Common Stock shall have voting rights in the election of directors and on all other matters presented to stockholders, with each holder of Common Stock being entitled to one vote for each share of Common Stock held of record by such holder on such matters. The Nonvoting Common Stock shall have no voting rights other than such rights as may be required by the first sentence of Section 242(b)(2) of the GCL or any similar provision hereafter enacted; provided, that an amendment of this Amended and Restated Certificate of Incorporation to increase or decrease the number of authorized shares of Nonvoting Common Stock (but not below the number of shares thereof then outstanding) may be adopted by resolution adopted by the Board of Directors of the Corporation and approved by the affirmative vote of the holders of a majority of the voting power of all outstanding shares of Common Stock of the Corporation and all other outstanding shares of stock of the Corporation entitled to vote thereon irrespective of the provisions of Section 242(b)(2) of the GCL or any similar provision hereafter enacted, with such outstanding shares of Common Stock and other

stock considered for this purpose as a single class, and no vote of the holders of any shares of Nonvoting Common Stock, voting separately as a class, shall be required therefor.

(b) **Dividends.** Subject to the rights of the holders of any series of Preferred Stock, holders of Common Stock and holders of Nonvoting Common Stock shall be entitled to receive such dividends and distributions (whether payable in cash or otherwise) as may be declared on the Common Shares by the Board of Directors of the Corporation from time to time out of assets or funds of the Corporation legally available therefore; provided, that the Board of Directors of the Corporation shall declare no dividend, and no dividend shall be paid, with respect to any outstanding share of Common Stock or Nonvoting Common Stock, whether in cash or otherwise (including any dividend in shares of Common Stock on or with respect to shares of Common Stock or any dividend in shares of Nonvoting Common Stock on or with respect to shares of Nonvoting Common Stock (collectively, "Stock Dividends")), unless, simultaneously, the same dividend is declared or paid with respect to each share of Common Stock and Nonvoting Common Stock. The declaration of Stock Dividends shall be subject to the provisions set forth in Article Ninth below and if the Corporation declares any Stock Dividends and such declaration would violate the provisions of Article Ninth with respect to any stockholder, then the Corporation shall only issue to such stockholder a certificate or certificates for the maximum amount of Stock Dividends that may be issued that would not violate the provisions of Article Ninth. The Corporation shall issue any Stock Dividends in full to any stockholder where such declaration would not violate the provisions of Article Ninth. If a Stock Dividend is declared or paid with respect to one class, then a Stock Dividend shall likewise be declared or paid with respect to the other class and shall consist of shares of such other class in a number that bears the same relationship to the total number of shares of such other class, issued and outstanding immediately prior to the payment of such dividend, as the number of shares comprising the Stock Dividend with respect to the first-referenced class bears to the total number of shares of such first-referenced class, issued and outstanding immediately prior to the payment of such dividend. Stock Dividends with respect to Common Stock may be paid only with shares of Common Stock. Stock Dividends with respect to Nonvoting Common Stock may be paid only with shares of Nonvoting Common Stock. Notwithstanding the foregoing, in the case of any dividend in the form of capital stock of a subsidiary of the Corporation, the capital stock of the subsidiary distributed to holders of Common Stock shall be identical to the capital stock of the subsidiary distributed to holders of Nonvoting Common Stock, except that the capital stock distributed to holders of Common Stock may have full or any other voting rights and the capital stock distributed to holders of Nonvoting Common Stock shall be non-voting to the same extent as the Nonvoting Common Stock is non-voting.

(c) **Subdivisions, Combinations and Mergers.** If the Corporation shall in any manner split, subdivide or combine the outstanding shares of Common Stock or the outstanding shares of Nonvoting Common Stock, the outstanding shares of the other such class of the Common Shares shall likewise be split, subdivided or combined in the same manner proportionately and on the same basis per share. In the event of any merger, statutory share exchange, consolidation or similar form of corporate transaction involving the Corporation (whether or not the Corporation is the surviving entity), the holders of Common Stock and the holders of Nonvoting Common Stock shall be entitled to receive the same per share consideration, if any, except that any securities received by holders of Common Stock in consideration of such stock may have full or any other voting rights and any securities received

by holders of Nonvoting Common Stock in consideration of such stock shall be non-voting to the same extent as the Nonvoting Common Stock is non-voting.

(d) **Rights on Liquidation.** Subject to the rights of the holders of any series of Preferred Stock, in the event of any liquidation, dissolution or winding-up of the Corporation (whether voluntary or involuntary), the assets of the Corporation available for distribution to stockholders shall be distributed in equal amounts per share to the holders of Common Stock and the holders of Nonvoting Common Stock, as if such classes constituted a single class. For purposes of this subsection (d), a merger, statutory share exchange, consolidation or similar corporate transaction involving the Corporation (whether or not the Corporation is the surviving entity), or the sale, transfer or lease by the Corporation of all or substantially all its assets, shall not constitute or be deemed a liquidation, dissolution or winding-up of the Corporation.

(e) **Conversion of Nonvoting Common Stock.**

(i) **Optional Conversion.** Subject to the provisions set forth in Article Ninth below, each one share of the Nonvoting Common Stock will be convertible at the option of the holder thereof into one fully paid and non-assessable share of Common Stock, subject to adjustment as provided in this Article Fourth. If any stockholder purports to convert any shares of Nonvoting Common Stock that would violate the provisions of Article Ninth, then the Corporation shall only issue to such stockholder a certificate or certificates for the maximum number of shares of Common Stock that may be issued that would not violate the provisions of Article Ninth.

(ii) **Mechanics of Optional Conversion.** The holder of any certificate for Nonvoting Common Stock shall be entitled to request conversion of all or part of its Nonvoting Common Stock at any time by delivering a written notice to the attention of the Secretary or Treasurer of the Corporation at the Corporation's principal place of business of its desire to convert its Nonvoting Common Stock and receive a replacement certificate or certificates therefor, specifying the number of shares of Nonvoting Common Stock to be so converted and the holder's calculation of the Nonvoting Conversion Rate. In the event of any disagreement between the Corporation and the holder as to the correct Nonvoting Conversion Rate, the Nonvoting Conversion Rate will be finally determined by an investment banking or brokerage firm with no material prior or current relationship with the Corporation or any of its subsidiaries selected by the Board in good faith, the fees and expenses of which will be paid by the Corporation. The Corporation will, promptly upon receipt of all certificates representing Nonvoting Common Stock of such holder that are to be converted, issue a certificate or certificates registering the appropriate number of shares of Common Stock to such holder. Upon optional conversion as set forth in Subsection (e)(i), the shares of Nonvoting Common Stock so converted shall be eliminated, and thereafter such shares of Nonvoting Common Stock shall become and be known as shares of "Common Stock" without further action on the part of the holder thereof. "Nonvoting Conversion Rate" means the number of shares of Common Stock into which each share of Nonvoting Common Stock may be converted.

(iii) **Reservation of Stock Issuable Upon Conversion.** The Corporation will at all times reserve and keep available out of its authorized but unissued shares of

Common Stock solely for the purpose of effecting the conversion of the shares of the Nonvoting Common Stock, such number of its shares of Common Stock as will from time to time be sufficient to effect the conversion of all then-outstanding shares of the Nonvoting Common Stock; and if at any time the number of authorized but unissued shares of Common Stock will not be sufficient to effect the conversion of all then-outstanding shares of the Nonvoting Common Stock, the Corporation will take such corporate action as may, in the opinion of its counsel, be necessary to increase its authorized but unissued shares of Common Stock to such number of shares as will be sufficient for such purpose.

B. The Board of Directors of the Corporation is authorized, subject to limitations prescribed by law and the provisions of this Article Fourth, to provide for the issuance from time to time in one or more series of any number of the shares of Preferred Stock, and, by filing a certificate pursuant to the GCL, to establish the number of shares to be included in each such series, and to fix the designation, relative rights, preferences, qualifications and limitations of the shares of each such series.

The authority of the Board of Directors with respect to each such series shall include, but not be limited to, determination of the following:

(a) The number of shares constituting that series and distinctive designation of that series;

(b) The dividend rate on the shares of that series, whether dividends shall be cumulative, and, if so, from which date or dates, and whether they shall be payable in preference to, or in another relation to, the dividends payable on any other class or classes or series of stock;

(c) Whether that series shall have voting rights, in addition to the voting rights provided by law, and, if so, the terms of such voting rights;

(d) Whether that series shall have conversion privileges, and, if so, the terms and conditions of such conversion, including provision for adjustment of the conversion rate in such events as the Board of Directors shall determine;

(e) Whether or not the shares of that series shall be redeemable, and, if so, the terms and conditions of such redemption, including the manner of selecting shares for redemption if less than all shares are to be redeemed, the date or dates upon or after which they shall be redeemable, and the amount per share payable in case of redemption, which amount may vary under different conditions and at different redemption dates;

(f) Whether that series shall be entitled to the benefit of a sinking fund to be applied to the purchase or redemption of shares of that series, and, if so, the terms and amounts of such sinking fund;

(g) The rights of the shares of that series in the event of a voluntary or involuntary liquidation, dissolution or winding up of the Corporation and whether such rights

shall be in preference to, or in another relation to, the comparable rights of any other class or classes or series of stock; and

- (h) Any other relative rights, preferences and limitations of that series.

Dividends on outstanding shares of Preferred Stock shall be paid or declared and set apart for payment before any dividends shall be paid or declared and set apart for payment on the shares of Common Stock or Nonvoting Common Stock with respect to the same dividend period.

If upon any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, the assets available for distribution to holders of shares of Preferred Stock of all series shall be insufficient to pay such holders the full preferential amount to which they are entitled, then such assets shall be distributed ratably among the shares of all series of Preferred Stock in accordance with the respective preferential amounts (including unpaid cumulative dividends, if any) payable with respect thereto.

C. The first series of Preferred Stock designated as “Series A Preferred Stock” was eliminated by the filing of a Certificate of Elimination with respect to the Series A Preferred Stock with the Secretary of State of the State of Delaware on November 1, 2010.

D. The second series of Preferred Stock was designated as “Series B Preferred Stock” by the filing of a Certificate of Designation with respect to the Series B Preferred Stock with the Secretary of State of the State of Delaware on May 30, 2008. The number of shares designated was increased by the filing of a Certificate of Increase with respect to the Series B Preferred Stock with the Secretary of State of the State of Delaware on November 1, 2010. The designation, number of shares designated and the powers, preferences and relative participating, optional and other special rights and the qualifications, limitations and restrictions thereof are as follows:

SERIES B PREFERRED STOCK

1. **Certain Defined Terms, etc.** In addition to the terms defined elsewhere herein, certain capitalized terms used in this Article Fourth Section D have the meanings given to them in Article Fourth, Section D, Section 10. References in this Article Fourth Section D to Sections are, unless otherwise stated, references to Sections herein.
2. **Designation.** Of the 25,000,000 shares of Preferred Stock, par value \$.001 per share, that the Corporation is authorized to issue, there are hereby designated Ten Million (10,000,000) as “Series B Preferred Stock” having the powers, preferences and relative participating, optional and other special rights and the qualifications, limitations and restrictions set forth in this Article Fourth Section D (the “Series B Preferred”).
3. **Dividends and Distributions.** The Series B Preferred shall be entitled to receive dividends and distributions, at the same time and in the same manner as the Common Stock, and in an amount per share equal to the amount per share that the shares of Common Stock into which such Series B Preferred are convertible would have been

entitled to receive if such Series B Preferred had been so converted into Common Stock as of the record date established for determining holders entitled to dividends, or if no such record date is established, as of the time of declaration of any such dividend or distribution.

4. **Voting Rights.** (a) The Series B Preferred will have the right to vote or consent in writing as set forth in this Section 4.

(b) As long as any shares of Series B Preferred are outstanding, the affirmative vote or consent of the holders of two-thirds of the then-outstanding shares of Series B Preferred, voting as a separate class, will be required in order for the Corporation to:

(i) amend, alter or repeal, whether by merger, consolidation or otherwise, the terms of this Article Fourth Section D or any other provision of the Charter or Bylaws of the Corporation (the “Bylaws”), in any way that adversely affects any of the powers, designations, preferences and relative, participating, optional and other special rights of the Series B Preferred, and the qualifications, limitations or restrictions thereof;

(ii) subdivide or otherwise change shares of Series B Preferred into a different number of shares whether in a merger, consolidation, combination, recapitalization, reorganization or otherwise (whether or not any provision of Section 6 is applicable to such transaction); or

(iii) issue any shares of Series B Preferred other than in accordance with this Article Fourth Section D.

(c) The Series B Preferred shall have no right to vote or consent on any matters submitted to a vote of the Common Stock, except as otherwise provided by the GCL.

(d) Notwithstanding any other provision of the Charter or Bylaws, the holders of a majority, or greater number if so required by the Charter or the GCL, of the then-outstanding Series B Preferred may consent in writing to any matter for which a class vote is contemplated, which written consent when so executed by the holders of a majority, or such greater number required, of the then-outstanding Series B Preferred will be deemed, subject to applicable Delaware law, to satisfy the applicable voting requirements.

5. **Reacquired Shares.** Any shares of Series B Preferred that are converted, purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired and canceled promptly after the acquisition thereof. None of such shares of Series B Preferred shall be reissued by the Corporation.

6. **Liquidation, Dissolution or Winding Up.** Upon any liquidation, dissolution or winding up of the Corporation, the holders of shares of Series B Preferred shall be entitled to receive the same distribution paid to the holders of Common Stock, on

an as-converted basis. Neither a consolidation or merger of the Corporation with another corporation or other legal entity, nor a sale or transfer of all or part of the Corporation's assets for cash, securities or other property will be considered a liquidation, dissolution or winding up of the Corporation for purposes of this Section 6.

7. **Conversion.** (a) **Optional Conversion.** Subject to the provisions set forth in Article Ninth, each one share of the Series B Preferred will be convertible at the option of the holder thereof into one fully paid and non-assessable share of Common Stock, subject to adjustment as described below, upon a Fundamental Transaction. If any stockholder purports to convert any shares of Series B Preferred that would violate the provisions of Article Ninth, then the Corporation shall only issue to such stockholder a certificate or certificates for the maximum number of shares of Common Stock that may be issued that would not violate the provisions of Article Ninth. A "Fundamental Transaction" shall mean a Public Company Event, a merger or consolidation of the Corporation with or into another corporation or other legal entity, or the sale of all or substantially all of the Corporation's properties and assets to any other Person which is effected so that holders of Common Stock are entitled to receive (either directly or upon subsequent liquidation) stock, securities or assets with respect to or in exchange for Common Stock. For purposes of this Article Fourth Section D, "A Public Company Event" means an initial firm commitment underwritten offering to the public of the Company's Common Stock pursuant to a registration statement under the Securities Act of 1933, as amended or the registration of the Company's Common Stock under the Securities Exchange Act of 1934, as amended (the "Act").

(b) **Mechanics of Optional Conversion.** The holder of any certificate for Series B Preferred shall be entitled to request conversion of all or part of its Series B Preferred at any time as provided in Section 7(a), by delivering a written notice to the attention of the Secretary or Treasurer of the Corporation at the Corporation's principal place of business of its desire to convert its Series B Preferred and receive a replacement certificate or certificates therefor, specifying the number of shares of Series B Preferred to be so converted and the holder's calculation of the Conversion Rate. In the event of any disagreement between the Corporation and the holder as to the correct Conversion Rate, the Conversion Rate will be finally determined by an investment banking or brokerage firm with no material prior or current relationship with the Corporation or any of its subsidiaries selected by the Board in good faith, the fees and expenses of which will be paid by the Corporation. The Corporation will, promptly upon receipt of all certificates representing Series B Preferred of such holder that are to be converted, issue a certificate or certificates registering the appropriate number of shares of Common Stock to such holder. Upon optional conversion as set forth in Section 7 (a), the shares of Series B Preferred so converted shall be eliminated, and thereafter such shares of Series B Preferred shall become and be known as shares of "Common Stock" without further action on the part of the holder thereof.

(c) **Adjustment for Subdivisions or Combinations of Common Stock.** In the event that the Corporation at any time or from time to time after the issuance of the Series B Preferred effects a subdivision, dividend payable in shares of capital stock, combination or other similar transaction of its outstanding Common Stock

into a greater or lesser number of shares, then and in each such event the Conversion Rate will be increased or decreased proportionately.

(d) **Reorganization, Merger, Consolidation or Sale of Assets.** If at any time or from time to time there shall be a capital reorganization of the Common Stock (other than a subdivision, combination, or dividend payable in shares provided for elsewhere in this Section 7) or a merger or consolidation of the Corporation with or into another corporation or other legal entity, or the sale of all or substantially all of the Corporation's properties and assets to any other Person which is effected so that holders of Common Stock are entitled to receive (either directly or upon subsequent liquidation) stock, securities or assets with respect to or in exchange for Common Stock, then as a part of such capital reorganization, merger, consolidation or sale, proper provision will be made so that each holder of Series B Preferred will thereafter be entitled to receive upon conversion of the Series B Preferred the same number of shares of stock, securities or assets of the Corporation, or of the successor corporation or other legal entity resulting from such merger or consolidation or sale, which such holder would have been entitled to receive on such capital reorganization, merger, consolidation or sale if such holder's Series B Preferred had been converted into Common Stock immediately prior to the record date established for determining holders entitled to such distribution, or if no such record date is established, as of the time of such transaction. In any such case, appropriate adjustment will be made in the application of the provisions of this Section 7(d) with respect to the rights of the holders of the Series B Preferred after the reorganization, merger, consolidation or sale to the end that the provisions of this Section 7(d) (including adjustment of the Conversion Rate then in effect) will be applicable after that event as nearly equivalent as may be practicable. This provision will apply to successive capital reorganizations, mergers, consolidations or sales.

(e) **No Adjustment.** No adjustment to the Conversion Rate will be made if such adjustment would result in a change in the Conversion Rate of less than 0.001%. Any adjustment of less than 0.001% which is not made will be carried forward and will be made at the time of and together with any subsequent adjustment which, on a cumulative basis, amounts to an adjustment of 0.001% or more in the Conversion Rate.

(f) **Certificate as to Adjustments.** Upon the occurrence of each adjustment or readjustment of the Conversion Rate pursuant to this Section 7, the Corporation at its expense will promptly compute such adjustment or readjustment in accordance with the terms hereof and cause independent public accountants selected by the Corporation to verify such computation and prepare and furnish to each holder of Series B Preferred a certificate setting forth such adjustment or readjustment and showing in detail the facts upon which such adjustment or readjustment is based. The Corporation will, upon the written request at any time of any holder of Series B Preferred, furnish or cause to be furnished to such holder a like certificate setting forth (i) such adjustments and readjustments, (ii) the Conversion Rate at that time in effect, and (iii) the amount, if any, of other property which at that time would be received upon the conversion of Series B Preferred.

(g) **Reservation of Stock Issuable Upon Conversion.** The Corporation will at all times reserve and keep available out of its authorized but unissued shares of Common Stock solely for the purpose of effecting the conversion of the shares of the Series B Preferred, such number of its shares of Common Stock as will from time to time be sufficient to effect the conversion of all then-outstanding shares of the Series B Preferred; and if at any time the number of authorized but unissued shares of Common Stock will not be sufficient to effect the conversion of all then-outstanding shares of the Series B Preferred, the Corporation will take such corporate action as may, in the opinion of its counsel, be necessary to increase its authorized but unissued shares of Common Stock to such number of shares as will be sufficient for such purpose.

8. **Rank.** The Series B Preferred will rank on a parity with the Common Stock as to any distributions or upon liquidation, dissolution or winding up.

9. **Notice to Holders.** Any notice given by the Corporation to holders of record of Series B Preferred will be effective if addressed to such holders at their last addresses as shown on the stock books of the Corporation and deposited in the U.S. mail, sent first-class, and will be conclusively presumed to have been duly given, whether or not the holder of the Series B Preferred receives such notice.

10. **Certain Defined Terms.** In addition to the terms defined elsewhere in this Article Fourth Section D, the following terms will have the following meanings when used herein with initial capital letters:

“Conversion Rate” means the number of shares of Common Stock into which each share of Series B Preferred may be converted; and

“Person” means any individual, firm, corporation or other entity and includes any successor (whether by merger or otherwise) of such entity.

FIFTH: The Corporation is to have perpetual existence.

SIXTH: The following provisions are inserted for the management of the business and the conduct of the affairs of the Corporation, and for further definition, limitation and regulation of the powers of the Corporation and of its directors and stockholders:

(a) The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors.

(b) The directors shall have concurrent power with the stockholders to make, alter, amend, change, add to or repeal the By-Laws of the Corporation.

(c) The number of directors of the Corporation shall be as from time to time fixed by, or in the manner provided in, the By-Laws of the Corporation. Election of directors need not be by written ballot unless the By-Laws so provide.

(d) No director shall be personally liable to the Corporation or any of its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability

(i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the GCL or (iv) for any transaction from which the director derived an improper personal benefit. Any repeal or modification of this Article Sixth by the stockholders of the Corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or modification with respect to acts or omissions occurring prior to such repeal or modification.

(e) In addition to the powers and authority hereinbefore or by statute expressly conferred upon them, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation, subject, nevertheless, to the provisions of the GCL, this Amended and Restated Certificate of Incorporation, and any By-Laws adopted by the stockholders; provided, however, that no By-Laws hereafter adopted by the stockholders shall invalidate any prior act of the directors which would have been valid if such By-Laws had not been adopted.

SEVENTH: Meetings of stockholders may be held within or without the State of Delaware, as the By-Laws may provide. The books of the Corporation may be kept (subject to any provision contained in the GCL) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the By-Laws of the Corporation.

EIGHTH: The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Amended and Restated Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation. For so long as this Corporation shall control, directly or indirectly, one or more national securities exchange (each, a "Controlled National Securities Exchange"), including but not limited to Miami International Securities Exchange, LLC, or facility thereof, before any amendment to or repeal of any provision of this Amended and Restated Certificate of Incorporation shall be effective, those changes shall be submitted to the Board of Directors of each Controlled National Securities Exchange and if the same must be filed with or filed with and approved by the United States Securities and Exchange Commission (the "Commission") before the changes may be effective, under Section 19 of the Act and the rules promulgated under that Act by the Commission or otherwise, then the proposed changes to the Amended and Restated Certificate of Incorporation of this Corporation shall not be effective until filed with or filed with and approved by the Commission, as the case may be.

NINTH: In addition to any limitations on the transfer of shares of the Corporation's capital stock set forth in the By-Laws of the Corporation, the following shall apply to the fullest extent permitted by law for so long as this Corporation shall control, directly or indirectly, a Controlled National Securities Exchange, except as provided in clause (b)(ii) below:

(a) **Definitions.** As used in this Article Ninth:

- (i) The term "Person" shall mean a natural person, partnership, corporation, limited liability company, entity, government, or political subdivision, agency or instrumentality of a government;

- (ii) The term “Related Persons” shall mean with respect to any Person: (A) any “affiliate” of such Person (as such term is defined in Rule 12b-2 under the Act); (B) any other Person with which such first Person has any agreement, arrangement or understanding (whether or not in writing) to act together for the purpose of acquiring, voting, holding or disposing of shares of the capital stock of the Corporation; (C) in the case of a Person that is a company, corporation or similar entity, any executive officer (as defined under Rule 3b-7 under the Act) or director of such Person and, in the case of a Person that is a partnership or limited liability company, any general partner, managing member or manager of such Person, as applicable; (D) in the case of any Person that is a registered broker or dealer that has been admitted to membership in a Controlled National Securities Exchange (an "Exchange Member"), any Person that is associated with the Exchange Member (as determined using the definition of "person associated with a member" as defined under Section 3(a)(21) of the Act); (E) in the case of a Person that is a natural person and Exchange Member, any broker or dealer that is also an Exchange Member with which such Person is associated; (F) in the case of a Person that is a natural person, any relative or spouse of such Person, or any relative of such spouse who has the same home as such Person or who is a director or officer of the Corporation or any of its parents or subsidiaries; (G) in the case of a Person that is an executive officer (as defined under Rule 3b-7 under the Act) or a director of a company, corporation or similar entity, such company, corporation or entity, as applicable; and (H) in the case of a Person that is a general partner, managing member or manager of a partnership or limited liability company, such partnership or limited liability company, as applicable; and
- (iii) The term "beneficially owned", “own beneficially” or any derivative thereof shall have the meaning set forth in Rule 13d-3 under the Act.

(b) **Limitations.**

- (i) For so long as the Corporation shall control, directly or indirectly, a Controlled National Securities Exchange, except as provided in clauses (ii) (A) and (ii) (B) below:
 - (A) No Person, either alone or together with its Related Persons, may own, directly or indirectly, of record or beneficially, shares constituting more than forty percent (40%) of any class of capital stock of the Corporation;

- (B) No Exchange Member, either alone or together with its Related Persons, may own, directly or indirectly, of record or beneficially, shares constituting more than twenty percent (20%) of any class of capital stock of the Corporation; and
 - (C) No Person, either alone or together with its Related Persons, at any time may, directly, indirectly or pursuant to any voting trust, agreement, plan or other arrangement, vote or cause the voting of shares of the capital stock of the Corporation or give any consent or proxy with respect to shares representing more than twenty percent (20%) of the voting power of the then issued and outstanding capital stock of the Corporation, nor may any Person, either alone or together with its Related Persons, enter into any agreement, plan or other arrangement with any other Person, either alone or together with its Related Persons, under circumstances that would result in the shares of capital stock of the Corporation that are subject to such agreement, plan or other arrangement not being voted on any matter or matters or any proxy relating thereto being withheld, where the effect of such agreement, plan or other arrangement would be to enable any Person, either alone or together with its Related Persons, to vote, possess the right to vote or cause the voting of shares of the capital stock of the Corporation which would represent more than twenty percent (20%) of said voting power.
- (ii) Subject to clauses (iii) and (iv) below:
- (A) The limitations in clause (i)(A) and (i)(C) above shall not apply in the case of any class of stock that does not have the right by its terms to vote in the election of members of the Board of Directors of the Corporation or on other matters that may require the approval of the holders of voting shares of the Corporation (other than matters affecting the rights, preferences or privileges of said class of stock); and
 - (B) The limitations in clauses (i)(A) and (i)(C) (except with respect to Exchange Members and their Related Persons) may be waived by the Board of Directors of the Corporation pursuant to a resolution duly adopted by the Board of Directors, if, in connection with the taking of such action, the Board of Directors adopts a resolution stating that it is the determination of such Board that such action will not impair the ability of the Controlled National

Securities Exchange to carry out its functions and responsibilities as an "exchange" under the Act, and the rules and regulations promulgated thereunder; that it is otherwise in the best interests of the Corporation, its stockholders and the Controlled National Securities Exchange and that it will not impair the ability of the Commission to enforce the Act and the rules and regulations promulgated thereunder, and such resolution shall not be effective until it is filed with and approved by the Commission. In making the determinations referred to in the immediately preceding sentence, the Board of Directors may impose on the Person in question and its Related Persons such conditions and restrictions as it may in its sole discretion deem necessary, appropriate or desirable in furtherance of the objectives of the Act and the rules and regulations promulgated thereunder, and the governance of the Controlled National Securities Exchange.

- (iii) Notwithstanding clauses (ii)(A) and (ii)(B) above, in any case where a Person, either alone or together with its Related Persons, would own or vote more than any of the above percentage limitations upon consummation of any proposed sale, assignment or transfer of the Corporation's capital stock, such sale, assignment or transfer shall not become effective until the Board of Directors of the Corporation shall have determined, by resolution, that such Person and its Related Persons are not subject to any applicable "statutory disqualification" (within the meaning of Section 3(a)(39) of the Act).
- (iv) Notwithstanding clauses (ii)(A) and (ii)(B) above, and without giving effect to the same, any Person that either alone or together with its Related Persons proposes to own, directly or indirectly, of record or beneficially, shares of the capital stock of the Corporation constituting more than forty percent (40%) of the outstanding shares of any class of capital stock of the Corporation, or to exercise voting rights, or grant any proxies or consents with respect to shares of the capital stock of the Corporation constituting more than twenty percent (20%) of the voting power of the then issued and outstanding shares of capital stock of the Corporation, shall have delivered to the Board of Directors of the Corporation a notice in writing, not less than forty-five (45) days (or any shorter period to which said Board shall expressly consent) before the proposed ownership of such shares, or the proposed exercise of said voting rights or the granting of said proxies or consents, of its intention to do so.

(c) **Required Notices.**

- (i) Any Person that, either alone or together with its Related Persons, owns, directly or indirectly (whether by acquisition or by a change in the number of shares outstanding), of record or beneficially five percent (5%) or more of the then outstanding shares of capital stock of the Corporation (excluding shares of any class of stock that does not have the right by its terms to vote generally in the election of members of the Board of Directors of the Corporation) shall, immediately upon acquiring knowledge of its ownership of five percent (5%) or more of the then outstanding shares of such stock, give the Board of Directors written notice of such ownership, which notice shall state: (A) such Person's full legal name; (B) such Person's title or status and the date on which such title or status was acquired; (C) such Person's (and its Related Person's) approximate ownership interest of the Corporation; and (D) whether such Person has the power, directly or indirectly, to direct the management or policies of the Corporation, whether through ownership of securities, by contract or otherwise.
- (ii) Each Person required to provide written notice pursuant to subparagraph (c)(i) of this Article Ninth shall update such notice promptly after any change in the contents of that notice; provided that no such updated notice shall be required to be provided to the Board of Directors (A) in the event of an increase or decrease in the ownership percentage so reported of less than one percent (1%) of the then outstanding shares of any class of capital stock (such increase or decrease to be measured cumulatively from the amount shown on the last such notice), unless any increase or decrease of less than one percent (1%) results in such Person owning more than twenty percent (20%) or more than forty percent (40%) of the shares of any class of capital stock then outstanding (at a time when such Person previously owned less than such percentages) or such Person owning less than twenty percent (20%) or less than forty percent (40%) of the shares of any class of capital stock then outstanding (at a time when such Person previously owned more than such percentages); or (B) in the event the Corporation issues additional shares of capital stock (or securities convertible into capital stock) or takes any other action that dilutes the ownership of such Person, or acquires or redeems shares of outstanding capital stock or takes any other action that increases the ownership of such Person, in each case without any change in the number of shares held by such Person.
- (iii) The Board of Directors of the Corporation shall have the right to require any Person reasonably believed to be subject to and in violation of this Article Ninth to provide the Corporation complete

information as to all shares of stock of the Corporation owned, directly or indirectly, of record or beneficially, by such Person and its Related Persons and as to any other factual matter relating to the applicability or effect of this Article Ninth as may reasonably be requested of such Person.

(d) **Effect of Purported Transfers and Voting in Violation of this Article.**

If any stockholder purports to sell, transfer, assign or pledge to any Person, other than the Corporation, any shares of the Corporation that would violate the provisions of this Article Ninth, then the Corporation shall record on the books of the Corporation the transfer of only that number of shares that would not violate the provisions of this Article Ninth and shall treat the remaining shares as owned by the purported transferor, for all purposes, including without limitation, voting, payment of dividends and distributions with respect to such shares whether upon liquidation or otherwise. If any stockholder purports to vote, or to grant any proxy or enter into any agreement, plan or other arrangement relating to the voting of, shares that would violate the provisions of this Article Ninth, then the Corporation shall not honor such vote, proxy, agreement, plan or other arrangement to the extent that such provisions would be violated, and any shares subject to that arrangement shall not be entitled to be voted to the extent of such violation.

(e) **Right to Redeem Shares Purportedly Transferred or Owned in Violation of this Article.** If any stockholder purports to sell, transfer, assign, pledge or own any shares of the Corporation in violation of the provisions of this Article Ninth, then the Corporation shall have the right to, and shall promptly after confirming such violation and to the extent funds are legally available, redeem the shares sold, transferred, assigned, pledged, or owned in violation of the provisions of this Article Ninth for a price per share equal to the par value of those shares. The number of shares to be redeemed by the Corporation pursuant to the foregoing provision shall be calculated by the Corporation after taking into account that such redeemed shares shall become treasury shares and shall no longer be deemed to be outstanding. Written notice shall be given by the Secretary of the Corporation to the holder or holders of record with respect to the redeemable shares at the address of the holder or holders of record appearing on the books of the Corporation, which notice shall specify a date for redemption of the shares that shall be not less than ten (10) days nor more than thirty (30) days from the date of such notice. Any shares which have been so called for redemption shall not be deemed outstanding shares for the purpose of voting or determining the total number of shares entitled to vote on any matter on and after the date on which written notice of redemption has been given to the holder or holders of those shares if a sum sufficient to redeem such shares shall have been irrevocably deposited or set aside to pay the redemption price to the holder or holders of the shares upon surrender of certificates for those shares. From and after the redemption date (unless the Corporation shall default in providing funds for the payment of the redemption price) the shares of redeemed stock which have been redeemed by the Corporation as aforesaid shall become treasury shares and shall no longer be deemed to be outstanding, and all rights of the holder of such redeemed stock as a stockholder of the Corporation (except the right to receive from the Corporation the redemption price against delivery to the Corporation of evidence of ownership of such shares) shall cease. Written notice shall be given by the Secretary of the Corporation to all holders of record appearing on the books of the Corporation of any redemption by the Corporation (including, without limitation, a redemption pursuant to this clause (e)) (in

each case, a “Redemption”) not more than ten (10) days after consummation of the Redemption, which notice shall specify the number of shares outstanding after the Redemption of each class of the Corporation’s capital stock. In the event that any redemption has resulted in any additional stockholder owning such number of shares of the Corporation that is in violation of the provisions of this Article Ninth, the Corporation shall have the right to and shall promptly after confirming such violation, redeem such shares pursuant to the provisions of this Article Ninth.

TENTH:

(a) **Indemnification.** The Corporation shall provide indemnification for members of its Board of Directors, members of committees of the Board of Directors and of other committees of the Corporation, and its executive officers, and may provide indemnification for its other officers and its agents and employees, and those serving another corporation, partnership, joint venture, trust or other enterprise at the request of the Corporation, in each case to the maximum extent permitted by Delaware law; provided, however, that the Corporation may limit the extent of such indemnification by individual contracts with its directors and executive officers; and, provided, further, that the Corporation shall not be required to indemnify any person in connection with any proceeding (or part thereof) initiated by such person or any proceeding by such person against the Corporation or its directors, officers, employees or other agents unless (i) such indemnification is expressly required to be made by law, (ii) the proceeding was authorized by the Board of Directors of the Corporation or (iii) such indemnification is provided by the Corporation, in its sole discretion, pursuant to the powers vested in the Corporation under the General Corporation Law of Delaware.

(b) **Limitation of Liability.** To the fullest extent not prohibited by the General Corporation Law of the State of Delaware, as it exists on the date this Amended and Restated Certificate of Incorporation is adopted or as such law may later be amended, no director of the Corporation shall be liable to the Corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director. No amendment to or repeal of this Article shall adversely affect any right or protection of a director of the Corporation that exists at the time of such amendment or repeal with respect to any actions taken, or inactions, prior thereto.

**AMENDED AND RESTATED
BY-LAWS
OF
MIAMI INTERNATIONAL HOLDINGS, INC.
(hereinafter called the "Corporation")**

**ARTICLE I
OFFICES**

Section 1. Registered Office. The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. Other Offices. The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

**ARTICLE II
MEETINGS OF STOCKHOLDERS**

Section 1. Place of Meetings. Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors.

Section 2. Annual Meetings of Stockholders. The Annual Meetings of Stockholders for the election of directors shall be held on such date and at such time as shall be designated from time to time by the Board of Directors. Any other proper business may be transacted at the Annual Meeting of Stockholders.

Section 3. Special Meetings of Stockholders. Unless otherwise required by law or by the certificate of incorporation of the Corporation, as amended and restated from time to time (the "Certificate of Incorporation"), Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Board of Directors, (ii) the Chairman, (iii) the Chief Executive Officer, (iv) the President, or (iv) stockholders owning a majority of the capital stock of the Corporation issued and outstanding and entitled to vote. Such request shall state the purpose or purposes of the proposed meeting. At a Special Meeting of Stockholders, only such business shall be conducted as shall be specified in the notice of meeting (or any supplement thereto).

Section 4. Notice. Whenever stockholders are required or permitted to take any action at a meeting, a written notice of the meeting shall be given which shall state the place, date and hour of the meeting, and, in the case of a Special Meeting, the purpose or purposes for which the meeting is called. Unless otherwise required by law, the written notice of any meeting shall be given not less than ten (10) days nor more than sixty (60) days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 5. Adjournments. Any meeting of the stockholders may be adjourned from time to time to reconvene at the same or some other place, and notice need not be given of any such adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken. At the adjourned meeting, the Corporation may transact any business which might have been transacted at the original meeting. If the adjournment is for more than thirty (30) days, or if after the adjournment a new record date is fixed for the adjourned meeting, notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting.

Section 6. Quorum. Unless otherwise required by law or the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. A quorum, once established, shall not be broken by the withdrawal of enough votes to leave less than a quorum. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, in the manner provided in Section 5, until a quorum shall be present or represented.

Section 7. Voting. Unless otherwise required by law, the Certificate of Incorporation or these By-Laws, any question brought before any meeting of stockholders, shall be decided by the vote of the holders of a majority of the total number of votes of the capital stock represented and entitled to vote thereat, voting as a single class. Unless otherwise provided in the Certificate of Incorporation, and subject to Section 5 of Article VIII hereof, each stockholder represented at a meeting of stockholders shall be entitled to cast one (1) vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy but no proxy shall be voted on or after three (3) years from its date, unless such proxy provides for a longer period. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in such officer's discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 8. Consent of Stockholders in Lieu of Meeting. Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders, may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted and shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to the Corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. Every written consent shall bear the date of signature of each stockholder who signs the consent and no written consent shall be effective to take the corporate action referred to therein unless, within sixty (60) days of the earliest dated consent delivered in the manner required by this Section 8 to the Corporation, written consents

signed by a sufficient number of holders to take action are delivered to the Corporation by delivery to its registered office in the state of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those stockholders who have not consented in writing and who, if the action had been taken at a meeting, would have been entitled to notice of the meeting if the record date for such meeting had been the date that written consents signed by a sufficient number of holders to take the action were delivered to the Corporation as provided above in this Section 8.

Section 9. List of Stockholders Entitled to Vote. The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten (10) days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten (10) days prior to the meeting either at a place within the city where the meeting is to be held, which place shall be specified in the notice of the meeting, or, if not so specified, at the place where the meeting is to be held. The list shall also be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present.

Section 10. Stock Ledger. The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 9 of this Article II or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

Section 11. Conduct of Meetings. The Board of Directors may adopt by resolution such rules and regulations for the conduct of the meeting of the stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board of Directors, the chairman of any meeting of the stockholders shall have the right and authority to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such chairman, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board of Directors or prescribed by the chairman of the meeting, may include, without limitation, the following: (i) the establishment of an agenda or order of business for the meeting, (ii) the determination of when the polls shall open and close for any given matter to be voted on at the meeting, (iii) rules and procedures for maintaining order at the meeting and the safety of those present, (iv) limitations on attendance at or participation in the meeting to stockholders of record of the Corporation, their duly authorized and constituted proxies or such other persons as the chairman of the meeting shall determine, (v) restrictions on entry to the meeting after the time fixed for the commencement thereof and (vi) limitations on the time allotted to questions or comments by participants.

ARTICLE III **DIRECTORS**

Section 1. Number, Term and Election of Directors.

(a) The Board of Directors shall consist of not less than three (3) nor more than thirty-one (31) members including the Chief Executive Officer of the Corporation, the exact number of which shall initially be three (3) and, thereafter, as determined from time to time by the Board of Directors. Except as provided in Section 2 of this Article III, directors shall be elected by a plurality of the votes cast at the Annual Meetings of Stockholders, and each director so elected shall hold office until the next Annual Meeting of Stockholders and until such director's successor is duly elected and qualified, or until such director's earlier death, resignation or removal. Any director may resign at any time upon written notice to the Corporation. Directors need not be stockholders. No person that is subject to any statutory disqualification as defined in Section 3(a)(39) of the Securities Exchange Act of 1934, as amended (the "Act") may be a director of the Corporation.

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

Section 2. Vacancies. Unless otherwise required by law or the Certificate of Incorporation, vacancies arising through death, resignation, removal, an increase in the number of directors or otherwise may be filled only by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until the next Annual Meeting of Stockholders and until their successors are duly elected and qualified, or until their earlier death, resignation or removal.

Section 3. Duties and Powers. The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws required to be exercised or done by the stockholders.

Section 4. Chairman of the Board of Directors. The Chairman of the Board of Directors shall preside at all meetings of the stockholders and of the Board of Directors. The Chairman of the Board of Directors shall be appointed by the Board of Directors, and, except where by law the signature of the Chief Executive Officer or the President is required, the Chairman of the Board of Directors shall possess the same power as the Chief Executive Officer or the President to sign all contracts, certificates and other instruments of the Corporation which may be authorized by the Board of Directors. During the absence or disability of the Chief Executive Officer or the President if there is no Chief Executive Officer, the Chairman of the Board of Directors shall exercise all the powers and discharge all the duties of the Chief Executive Officer or the President, respectively. The Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as may be assigned, from time to time, by these By-Laws or by the Board of Directors.

Section 5. Meetings. The Board of Directors may hold meetings, both regular and special, either within or without the State of Delaware. The annual meeting of the Board of Directors shall be held immediately before or after the Annual Meeting of Stockholders and at the place where such meeting is held. No notice of an annual meeting of the Board of Directors shall be necessary and such meeting shall be held for the purpose of electing officers and transaction such other business as may lawfully come before it. Regular meetings of the Board of Directors may be held without notice at such time and at such place as may from time to time be determined by the Board of Directors. Special meetings of the Board of Directors may be called by the Chairman, the Chief Executive Officer, the President, or by any director. Notice thereof stating the place, date and hour of the meeting shall be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone or electronic mail on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 6. Quorum and Voting. Except as otherwise required by law or the Certificate of Incorporation or as otherwise specified in these By-Laws, at all meetings of the Board of Directors, a majority of the entire Board of Directors shall constitute a quorum for the transaction of business and the act of a majority of the directors present at any meeting at which there is a quorum shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting of the time and place of the adjourned meeting, until a quorum shall be present.

Section 7. Actions by Written Consent. Unless otherwise provided in 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 the members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 8. Meetings by Means of Conference Telephone. Unless otherwise provided in the Certificate of Incorporation, members of the Board of Directors, or any committee thereof, may participate in a meeting of the Board of Directors or such committee by means of a 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 8 shall constitute presence in person at such meeting.

Section 9. Committees.

(a) The committees of the Board of Directors shall consist of an Audit Committee and such other standing or special committees as the Board of Directors may designate, by resolution approved by a majority of the entire Board of Directors. Each committee shall consist of one or more of the directors of the Corporation appointed by the Board of Directors. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. In the absence or disqualification of a member of a committee, and in the absence of a designation

by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not such member or members constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent permitted by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation, and may authorize the seal of the Corporation to be affixed to all papers which may require it. Each committee shall keep regular minutes and report to the Board of Directors when required.

(b) The Audit Committee shall consist of at least three directors. The exact number of Audit Committee members shall be determined from time to time by the Board of Directors. A majority of the members of the Audit Committee shall be Independent Directors. The Audit Committee shall select, evaluate and, where appropriate, replace the Corporation's independent auditors (or nominate the independent auditors to be proposed for ratification by the stockholders of the Corporation). The Audit Committee shall have such other duties and may exercise such authority as may be prescribed by resolution of the Board of Directors and the Audit Committee Charter as adopted by resolution of the Board of Directors. "Independent Director" means a director who has no material relationship with the Corporation or any subsidiary or affiliate of the Corporation, or any Exchange Member or any affiliate of any such Exchange Member; provided, however, that an individual who otherwise qualifies as an Independent Director shall not be disqualified from serving in such capacity solely because such director is a director of the Corporation or any subsidiary of the Corporation. "Exchange Member" means any registered broker or dealer that has been admitted to membership in any national securities exchange operated by the Corporation or any subsidiary or affiliate of the Corporation.

Section 10. Compensation. The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director, payable in cash or securities. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 11. 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 the director or officer's vote is counted for such purpose if (i) the material facts as to the director or officer's 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 vote of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to the director or officer's 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.

ARTICLE IV **OFFICERS**

Section 1. General. The officers of the Corporation shall be chosen by the Board of Directors and shall be a Chief Executive Officer, a President, a Secretary and a Treasurer. The Board of Directors, in its discretion, also may choose one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other officers. Any number of offices may be held by the same person, unless otherwise prohibited by law or the Certificate of Incorporation. The officers of the Corporation need not be stockholders of the Corporation nor need such officers be directors of the Corporation. No person that is subject to any statutory disqualification (as defined in Section 3(a) (39) of the Act) may be an officer of the Corporation.

Section 2. Election. The Board of Directors, at its first meeting held after each Annual Meeting of Stockholders (or action by written consent of stockholders in lieu of the Annual Meeting of Stockholders), shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier death, resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of a majority of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. Chief Executive Officer. The Chief Executive Officer shall be the chief executive officer of the Company, shall have general supervision over the business and affairs of the Company and shall serve at the pleasure of the Board. The Chief Executive Officer shall have all powers and duties usually incident to the office of the Chief Executive Officer, except as specifically limited by a resolution of the Board. The Chief Executive Officer shall exercise such other powers and perform such other duties as may be assigned to the Chief Executive Officer from time to time by the Board.

Section 4. President. The President shall, in the absence of the Chairman, the Vice Chairman (if any) and Chief Executive Officer, preside at all meetings of the Board at which the President is present. The President shall have general supervision over the operations of the Company. The President shall have all powers and duties usually incident to the office of the President, except as specifically limited by a resolution of the Board. The President shall exercise such other powers and perform such other duties as may be assigned to the President from time to time by the Board.

Section 5. Vice Presidents. The Board shall appoint one or more Vice Presidents. In the absence or disability of the President or if the office of President becomes vacant, the Vice Presidents in the order determined by the Board, or if no such determination has been made, in the order of their seniority, shall perform the duties and exercise the powers of the President, subject to the right of the Board at any time to extend or restrict such powers and duties or to assign them to others. Any Vice President may have such additional designations in such Vice President's title as the Board may determine. The Vice Presidents shall generally assist the President in such manner as the President shall direct. Each Vice President shall exercise such other powers and perform such other duties as may be assigned to such Vice President from time to time by the Board, the Chief Executive Officer or the President. The term "Vice President" used in this Section shall include the positions of Executive Vice President, Senior Vice President, and Vice President.

Section 6. Secretary. The Secretary shall act as Secretary of all meetings of the Board at which the Secretary is present, shall record all the proceedings of all such meetings in a book to be kept for that purpose, shall have supervision over the giving and service of notices of the Company, and shall have supervision over the care and custody of the books and records of the Company. The Secretary shall be empowered to affix the Company's seal, if any, to documents, the execution of which on behalf of the Company under its seal is duly authorized, and when so affixed, may attest the same. The Secretary shall have all powers and duties usually incident to the office of Secretary, except as specifically limited by a resolution of the Board. The Secretary shall exercise such other powers and perform such other duties as may be assigned to the Secretary from time to time by the Board, the Chief Executive Officer or the President.

Section 7. Treasurer. The Treasurer shall have general supervision over the care and custody of the funds and over the receipts and disbursements of the Company and shall cause the funds of the Company to be deposited in the name of the Company in such banks or other depositories as the Board may designate. The Treasurer shall have supervision over the care and safekeeping of the securities of the Company. The Treasurer shall have all powers and duties usually incident to the office of Treasurer except as specifically limited by a resolution of the Board. The Treasurer shall exercise such other powers and perform such other duties as may be assigned to the Treasurer from time to time by the Board, the Chief Executive Officer or the President.

Section 8. Assistant Secretaries. In the absence of the Secretary or in the event of the Secretary's inability or refusal to act, any Assistant Secretary, approved by the Board, shall exercise all powers and perform all duties of the Secretary. An Assistant Secretary shall also exercise such other powers and perform such other duties as may be assigned to such Assistant Secretary from time to time by the Board or the Secretary.

Section 9. Assistant Treasurers. In the absence of the Treasurer or in the event of the Treasurer's inability or refusal to act, any Assistant Treasurer, approved by the Board, shall exercise all powers and perform all duties of the Treasurer. An Assistant Treasurer shall also exercise such other powers and perform such other duties as may be assigned to such Assistant Treasurer from time to time by the Board or the Treasurer.

Section 10. Other Officers. Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V **BOARD OF ADVISORS**

Section 1. Membership. The Board of Directors may appoint any person or persons to act in an advisory capacity to the Corporation. Such a group shall be known as the Board of Advisors and shall operate under an Advisory Board Charter approved by the Corporation's Board of Directors.

Section 2. Powers. The Board of Advisors shall be an advisory-only body to the Corporation. They shall have no power to bind the Corporation to any particular position or course of action.

ARTICLE VI **VOTING SECURITIES OWNED BY THE CORPORATION**

Section 1. General Power to Vote. Unless otherwise instructed by the Board of Directors, and subject to Section 2 below, the Chairman or the Chief Executive Officer of the Corporation shall have the power and authority on behalf of the Corporation to attend and to vote at any meeting of stockholders, partners or equity holders of any corporation, partnership or any other entity (including, but not limited to, Miami International Securities Exchange, LLC, Miami International Futures Exchange, LLC and Miami International Technologies, LLC) in which the Corporation may hold stock, partnership or other equity interests, as the case may be, and may exercise on behalf of the Corporation any and all of the rights and powers incident to the ownership of such stock, partnership or other equity interest at such meeting, and shall have the power and authority to execute and deliver proxies, waivers and consents on behalf of the Corporation in connection with the exercise by the Corporation of the rights and powers incident to the ownership of such stock, partnership or other equity interest. The Board of Directors may from time to time confer like powers upon any other person or persons.

Section 2. Meeting of LLC Members or Stockholders of a Controlled National Securities Exchange. At any meeting of stockholders or meeting of the holders of LLC interests of any national securities exchange which this Corporation shall control, directly or indirectly (each, a "Controlled National Securities Exchange"), including but not limited to Miami International Securities Exchange, LLC (the "Equityholders"), held for the purpose of electing directors and members of the Member Nominating Committee of such Controlled National Securities Exchange (as set forth in the By-Laws of such Controlled National Securities Exchange, the "Member Nominating Committee"), or in the event written consents are solicited or otherwise sought from the Equityholders of such Controlled National Securities Exchange with respect thereto, the Corporation shall cause all outstanding shares of such Controlled National Securities Exchange owned by the Corporation and entitled to vote at such election to

be voted in favor of only those Controlled National Securities Exchange member representative directors and nominees for the Member Nominating Committee nominated in accordance with the By-Laws of such Controlled National Securities Exchange and, with respect to any such written consents, shall cause to be validly executed only such written consents electing only such directors and members of the Member Nominating Committee.

ARTICLE VII
SRO FUNCTION OF
A CONTROLLED NATIONAL SECURITIES EXCHANGE

Section 1. Non-Interference. For so long as the Corporation shall control any Controlled National Securities Exchange, the directors, officers, employees and agents of the Corporation shall give due regard to the preservation of the independence of the self-regulatory function of each Controlled National Securities Exchange and to its obligations to investors and the general public and shall not take any actions which would interfere with the effectuation of any decisions by the Board of Directors of each Controlled National Securities Exchange relating to its regulatory functions (including disciplinary matters) or which would interfere with the ability of each Controlled National Securities Exchange to carry out its responsibilities under the Act. No present or past stockholder, employee, beneficiary, agent, customer, creditor, regulatory authority (or member thereof) or other person or entity shall have any rights against the Corporation or any director, officer, employee or agent of the Corporation under this Section 1.

Section 2. Confidentiality. All books and records of each Controlled National Securities Exchange reflecting confidential information pertaining to the self-regulatory function of such Controlled National Securities Exchange (including but not limited to disciplinary matters, trading data, trading practices and audit information) that shall come into the possession of the Corporation, and the information contained in those books and records, shall be retained in confidence by the Corporation and the members of the board of directors, officers, employees and agents of the Corporation and shall not be used for any non-regulatory purposes. Notwithstanding the foregoing sentence, nothing in these By-Laws shall be interpreted so as to limit or impede the rights of the Securities and Exchange Commission (the "Commission") or each Controlled National Securities Exchange to access and examine such confidential information pursuant to the federal securities laws and the rules and regulations thereunder, or to limit or impede the ability of any officers, directors, employees or agents of the Corporation to disclose such confidential information to the Commission or each Controlled National Securities Exchange.

Section 3. Books and Records. All books and records of the Corporation shall be maintained at a location within the United States. To the extent they are related to the activities of a Controlled National Securities Exchange, the books, records, premises, officers, directors, agents, and employees of the Corporation shall be deemed to be the books, records, premises, officers, directors, agents and employees of each Controlled National Securities Exchange for the purposes of, and subject to oversight pursuant to, the Act. For so long as the Corporation shall control, directly or indirectly, a Controlled National Securities Exchange, the Corporation's books and records shall be subject at all times to inspection and copying by the Commission and

each Controlled National Securities Exchange, provided that such books and records are related to the operation or administration of such Controlled National Securities Exchange.

Section 4. Cooperation with the Securities and Exchange Commission. The Corporation shall comply with the federal securities laws and the rules and regulations promulgated thereunder and shall cooperate with the Commission and each Controlled National Securities Exchange pursuant to and to the extent of their respective regulatory authority. The officers, directors, employees and agents of the Corporation, by virtue of their acceptance of such position, shall comply with the federal securities laws and the rules and regulations promulgated thereunder and shall be deemed to agree to cooperate with the Commission and each Controlled National Securities Exchange in respect of the Commission's oversight responsibilities regarding each Controlled National Securities Exchange and the self-regulatory functions and responsibilities of each Controlled National Securities Exchange, and the Corporation shall take reasonable steps necessary to cause its officers, directors, employees and agents to so cooperate. No present or past stockholder, employee, beneficiary, agent, customer, creditor, regulatory authority (or member thereof) or other person or entity shall have any rights against the Corporation or any director, officer, employee or agent of the Corporation under this Section 4.

Section 5. Consent to Jurisdiction. The Corporation and its officers, directors, employees and agents, by virtue of their acceptance of such position, shall be deemed to irrevocably submit to the jurisdiction of the United States federal courts, Commission, and each Controlled National Securities Exchange, for the purposes of any suit, action or proceeding pursuant to the United States federal securities laws, and the rules or regulations thereunder, arising out of, or relating to, the activities of each Controlled National Securities Exchange, and by virtue of their acceptance of any such position, shall be deemed to waive, and agree not to assert by way of motion, as a defense or otherwise in any such suit, action or proceeding, any claims that it or they are not personally subject to the jurisdiction of the United States federal courts, Commission or each Controlled National Securities Exchange, that the suit, action or proceeding is an inconvenient forum or that the venue of the suit, action or proceeding is improper, or that the subject matter of that suit, action or proceeding may not be enforced in or by such courts or agency. The Corporation and its officers, directors, employees and agents also agree that they will maintain an agent, in the United States, for the service of process of a claim arising out of, or relating to, the activities of each Controlled National Securities Exchange.

Section 6. Consent to Application. The Corporation shall take reasonable steps necessary to cause its officers, directors, employees and agents, prior to accepting a position as an officer, director, employee or agent, as applicable, of the Corporation to consent in writing to the applicability to them of this Article VII, as applicable, with respect to their activities related to each Controlled National Securities Exchange.

ARTICLE VIII

STOCK

Section 1. Form of Certificates. Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by such stockholder in the Corporation.

Section 2. Signatures. Any or all of the signatures on a certificate may be a 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 person were such officer, transfer agent or registrar at the date of issue.

Section 3. Lost Certificates. The Board of Directors may direct a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or the owner's legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed or the issuance of such new certificate.

Section 4. Transfers. Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation only by the person named in the certificate or by such person's attorney lawfully constituted in writing and upon the surrender of the certificate therefor, which shall be cancelled before a new certificate shall be issued. No transfer of 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. Record Date.

(a) In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than sixty (60) days nor less than ten (10) days before the date of such meeting. If no record date is fixed by the Board of Directors, 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. 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; provided, however, that the Board of Directors may fix a new record date for the adjourned meeting.

(b) In order that the Corporation may determine the stockholders entitled to consent to corporate action in writing without a meeting, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than ten (10) days after the date upon which the resolution fixing the record date is adopted by the Board of Directors. If no record date has been fixed by the Board of Directors, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting, when no prior action by the Board of Directors is required by law, shall be the first date on which a signed written consent setting forth the action taken or proposed to be taken is delivered to the Corporation by delivery to its registered office in this State, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to a Corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. If no record date has been fixed by the Board of Directors and prior action by the Board of Directors is required by law, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting shall be at the close of business on the day on which the Board of Directors adopts the resolutions taking such prior action.

(c) In order that the Corporation may determine the stockholders entitled to receive payment of any dividend or other distribution or allotment of any rights or the stockholders entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall be not more than sixty (60) days prior to such action. If no record date is fixed by the Board of Directors, the record date for determining stockholders for any such purpose shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto.

Section 6. Record Owners. 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, and to hold liable for calls and assessments a 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 any other person, whether or not it shall have express or other notice thereof, except as otherwise required by law.

ARTICLE IX
NOTICES

Section 1. Notices. To the extent permitted by law, any notice required to be given by these By-Laws or otherwise shall be deemed to have been given:

- (a) in person upon delivery of the notice in person to the person to whom such notice is addressed;
- (b) by mail upon deposit of the notice in the United States mail, enclosed in a postage prepaid envelope;
- (c) by messenger or overnight courier service upon provision of the notice to the messenger or courier service, provided that the delivery method does not require payment of the messenger or courier service fee to deliver the notice by the person to whom the notice is addressed;
- (d) by facsimile machine upon acknowledgment by the facsimile machine used to transmit the notice of the successful transmission of the notice;
- (e) by electronic mail upon electronic transmission of the notice; and
- (f) by telephone when received.

Any such notice must be addressed to its intended recipient at the intended recipient's address (including the intended recipient's business or residence address, facsimile number, electronic address, or telephone number, as applicable) as it appears on the books and records of the Corporation, or if no address appears on such books and records, then at such address as shall be otherwise known to the Secretary, or if no such address appears on such books and records, then in care of the registered agent of the Corporation in the State of Delaware. In the event that a notice is not provided in conformity with the provisions of this Section 1, the notice will be deemed to have been given to its intended recipient upon any receipt of the notice by its intended recipient. Whenever, by any provisions of statute, the Certificate of Incorporation, these By-Laws or otherwise, any notice is required to be given any specified number of days before any meeting or event, the day on which such notice was given shall be counted but the day of such meeting or other event shall not be counted in determining whether or not notice has been given in proper time in a particular case.

Section 2. Electronic Notice. Whenever any notice whatsoever is required to be given in writing to any stockholder by law, by the Certificate of Incorporation or by these By-Laws, such notice may be given by a form of electronic transmission if the stockholder to whom such notice is given has previously consented to the receipt of notice by electronic transmission.

Section 3. Waivers of Notice. Whenever notice is required to be given under the provisions of any statute, the Certificate of Incorporation, these By-Laws, or otherwise, a written waiver thereof, signed by the person entitled to notice, or such person's proxy in the case of a

stockholder, whether before or after the time stated therein shall be deemed equivalent to notice. Except as may be otherwise specifically provided by statute, any waiver by mail, messenger, overnight courier, facsimile machine, or electronic mail, bearing the name of the person entitled to notice shall be deemed a written waiver duly signed. Attendance of a person at a meeting, including attendance by proxy in the case of a stockholder, 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 the meeting is not lawfully called or convened. Except as required by statute or the Certificate of Incorporation, neither the business to be transacted at, nor the purpose of, any regular or special meeting of the stockholders, directors or any committee need be specified in any written waiver of notice.

ARTICLE X

GENERAL PROVISIONS

Section 1. Dividends. Dividends upon the capital stock of the Corporation, subject to the requirements of the General Corporation Law of the State of Delaware as set forth in Title 8 of the Delaware Code and the provisions, if any, of the Certificate of Incorporation, may be declared by the Board of Directors at any regular or special meeting of the Board of Directors (or any action by written consent in lieu thereof in accordance with Section 7 of Article III hereof), and may be paid in cash, in property, or in shares of the Corporation's capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. Disbursements. All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. Fiscal Year. The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. Corporate Seal. The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware." The seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE XI
INDEMNIFICATION

Section 1. Indemnification of Directors, Officers, Employees and Other Agents. The Corporation shall indemnify its directors and executive officers to the fullest extent not prohibited by the Delaware General Corporation Law; provided, however, that the Corporation may limit the extent of such indemnification by individual contracts with its directors and executive officers; and, provided, further, that the Corporation shall not be required to indemnify any director or executive officer in connection with any proceeding (or part thereof) initiated by such person or any proceeding by such person against the Corporation or its directors, officers, employees or other agents unless (i) such indemnification is expressly required to be made by law, (ii) the proceeding was authorized by the Board of Directors of the Corporation or (iii) such indemnification is provided by the Corporation, in its sole discretion, pursuant to the powers vested in the Corporation under the Delaware General Corporation Law.

(a) **Other Officers, Employees and Other Agents.** The Corporation shall have the power to indemnify its other officers, employees and other agents as set forth in the Delaware General Corporation Law.

(b) **Expenses.** The Corporation shall advance to any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was a director or executive officer, of the Corporation, or is or was serving at the request of the Corporation as a director or executive officer of another Corporation, partnership, joint venture, trust or other enterprise, prior to the final disposition of the proceeding, promptly following request therefor, all expenses incurred by any director or executive officer in connection with such proceeding upon receipt of an undertaking by or on behalf of such person to repay said amounts if it should be determined ultimately that such person is not entitled to be indemnified under this Bylaw or otherwise.

Notwithstanding the foregoing, unless otherwise determined pursuant to paragraph (e) of this Bylaw, no advance shall be made by the Corporation to an executive officer of the Corporation (except by reason of the fact that such executive officer is or was a director of the Corporation in which event this paragraph shall not apply) in any action, suit or proceeding, whether civil, criminal, administrative or investigative, if a determination is reasonably and promptly made (i) by the Board of Directors by a majority vote of a quorum consisting of directors who were not parties to the proceeding, or (ii) if such quorum is not obtainable, or, even if obtainable, a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, that the facts known to the decision-making party at the time such determination is made demonstrate clearly and convincingly that such person acted in bad faith or in a manner that such person did not believe to be in or not opposed to the best interests of the Corporation.

(c) **Enforcement.** Without the necessity of entering into an express contract, all rights to indemnification and advances to directors and executive officers under this Bylaw shall be deemed to be contractual rights and be effective to the same extent and as if provided for in a contract between the Corporation and the director or executive officer. Any right to

indemnification or advances granted by this Bylaw to a director or executive officer shall be enforceable by or on behalf of the person holding such right in the forum in which the proceeding is or was pending or, if such forum is not available or a determination is made that such forum is not convenient, in any court of competent jurisdiction if (i) the claim for indemnification or advances is denied, in whole or in part, or (ii) no disposition of such claim is made within ninety (90) days of request therefor. The claimant in such enforcement action, if successful in whole or in part, shall be entitled to be paid also the expense of prosecuting his claim. The Corporation shall be entitled to raise as a defense to any such action that the claimant has not met the standards of conduct that make it permissible under the Delaware General Corporation Law for the Corporation to indemnify the claimant for the amount claimed. Neither the failure of the Corporation (including its Board of Directors, independent legal counsel or its Stockholders) to have made a determination prior to the commencement of such action that indemnification of the claimant is proper in the circumstances because he has met the applicable standard of conduct set forth in the Delaware General Corporation Law, nor an actual determination by the Corporation (including its Board of Directors, independent legal counsel or its Stockholders) that the claimant has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that claimant has not met the applicable standard of conduct.

(d) **Non Exclusivity of Rights.** To the fullest extent permitted by the Corporation's Certificate of Incorporation and the Delaware General Corporation Law, the rights conferred on any person by this Bylaw shall not be exclusive of any other right which such person may have or hereafter acquire under any statute, provision of the Certificate of Incorporation, Bylaws, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in his official capacity and as to action in another capacity while holding office. The Corporation is specifically authorized to enter into individual contracts with any or all of its directors, officers, employees or agents respecting indemnification and advances, to the fullest extent permitted by the Delaware General Corporation Law and the Corporation's Certificate of Incorporation.

(e) **Survival of Rights.** The rights conferred on any person by this Bylaw shall continue as to a person who has ceased to be a director or executive officer and shall inure to the benefit of the heirs, executors and administrators of such a person.

(f) **Insurance.** The Corporation, upon approval by the Board of Directors, may purchase insurance on behalf of any person required or permitted to be indemnified pursuant to this Bylaw.

(g) **Amendments.** Any repeal or modification of this Bylaw shall only be prospective and shall not affect the rights under this Bylaw in effect at the time of the alleged occurrence of any action or omission to act that is the cause of any proceeding against any agent of the Corporation.

(h) **Saving Clause.** If this Bylaw or any portion hereof shall be invalidated on any ground by any court of competent jurisdiction, then the Corporation shall nevertheless indemnify each director and executive officer to the fullest extent permitted by any applicable portion of this Bylaw that shall not have been invalidated, or by any other applicable law.

(i) **Certain Definitions.** For the purposes of this Bylaw, the following definitions shall apply:

(1) The term "proceeding" shall be broadly construed and shall include, without limitation, the investigation, preparation, prosecution, defense, settlement and appeal of any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative, arbitrate or investigative.

(2) The term "expenses" shall be broadly construed and shall include, without limitation, court costs, attorneys' fees, witness fees, fines, amounts paid in settlement or judgment and any other costs and expenses of any nature or kind incurred in connection with any proceeding, including expenses of establishing a right to indemnification under this Bylaw or any applicable law.

(3) The term the "Corporation" shall include, in addition to the resulting Corporation, any constituent Corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors, officers, and employees or agents, so that any person who is or was a director, officer, employee or agent of such constituent Corporation, or is or was serving at the request of such constituent Corporation as a director, officer, employee or agent of another Corporation, partnership, limited liability company, joint venture, trust or other enterprise, shall stand in the same position under the provisions of this Bylaw with respect to the resulting or surviving Corporation as he would have with respect to such constituent Corporation if its separate existence had continued.

(4) References to a "director," "officer," "employee," or "agent" of the Corporation shall include, without limitation, situations where such person is serving at the request of the Corporation as a director, officer, employee, trustee or agent of another Corporation, partnership, joint venture, trust or other enterprise.

Section 2. Corporation Not Liable.

(a) The Corporation shall not be liable for any loss or damage sustained by a current or former Exchange Member growing out of the use or enjoyment by such current or former Exchange Member of the facilities afforded by the Corporation or its subsidiaries, including, without limitation, a Controlled National Securities Exchange. The term "Exchange Member" shall have the meaning given such term in the By-Laws and Rules of a Controlled National Securities Exchange.

(b) The Corporation shall not be liable for any loss or damage sustained by a current or former participant of the Miami International Futures Exchange, LLC ("MIAX Futures") growing out of the use or enjoyment by such participant of the MIAX Futures of the facilities afforded by the Corporation or its subsidiaries, including, without limitation, the Miami International Futures Exchange, LLC.

ARTICLE XII
AMENDMENTS

Section 1. Amendments. These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted by the stockholders or by the Board of Directors, provided, however, that notice of such alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of such meeting of stockholders or Board of Directors as the case may be. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office. For so long as the Corporation shall control, directly or indirectly, a Controlled National Securities Exchange before any amendment to or repeal of any provision of the By-Laws of the Corporation shall be effective, those changes shall be submitted to the Board of Directors of a Controlled National Securities Exchange and if the same must be filed with or filed with and approved by the Commission before the changes may be effective, under Section 19 of the Act and the rules promulgated under the Act by the Commission or otherwise, then the proposed changes to the By-Laws of the Corporation shall not be effective until filed with or filed with and approved by the Commission, as the case may be.

Section 2. Entire Board of Directors. As used in this Article XII and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors which the Corporation would have if there were no vacancies.

* * *

Adopted as of: June 27, 2015

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

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

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


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

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

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

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

**MIAMI INTERNATIONAL SECURITIES
EXCHANGE, LLC**

By: 
Thomas P. Gallagher
Chairman

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

These Amended and Restated By-Laws have been established as the By-Laws of Miami International Securities Exchange, LLC, a Delaware limited liability company (the "Company"), pursuant to the Second Amended and Restated Limited Liability Company Agreement of the Company, dated as of December 1, 2012 (as amended from time to time, the "LLC Agreement"), and, together with the LLC Agreement, constitute the limited liability company agreement of the Company within the meaning of the LLC Act (as defined in the LLC Agreement). In the event of any inconsistency between the LLC Agreement and these By-Laws, the provision of the LLC Agreement shall control.

**ARTICLE I
Definitions**

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

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

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

(k) “Effective Date” means the date of effectiveness of these Amended and Restated By-Laws.

(l) “ERP Agreement” means the agreement pursuant to which Units were issued.

(m) “ERP Director” means an Industry Director who has been nominated by an ERP Member and appointed to the Board of Directors.

(n) “ERP Member” means an Exchange Member who acquired Units pursuant to an ERP Agreement sufficient to acquire an ERP Director or an Observer position.

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

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

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

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

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

(t) “Industry Director” means a Director who (i) is or has served in the prior three years as an officer, director, or employee of a broker or dealer, excluding an outside director or a director not engaged in the day-to-day management of a broker or dealer; (ii) is an officer,

director (excluding an outside director), or employee of an entity that owns more than 10% of the equity of a broker or dealer, and the broker or dealer accounts for more than 5% of the gross revenues received by the consolidated entity; (iii) owns more than 5% of the equity securities of any broker or dealer, whose investments in brokers or dealers exceed 10% of his or her net worth, or whose ownership interest otherwise permits him or her to be engaged in the day-to-day management of a broker or dealer; (iv) provides professional services to brokers or dealers, and such services constitute 20% or more of the professional revenues received by the Director or 20% or more of the gross revenues received by the Director's firm or partnership; (v) provides professional services to a director, officer, or employee of a broker, dealer, or corporation that owns 50% or more of the voting stock of a broker or dealer, and such services relate to the director's, officer's, or employee's professional capacity and constitute 20% or more of the professional revenues received by the Director or member or 20% or more of the gross revenues received by the Director's or member's firm or partnership; or (vi) has a consulting or employment relationship with or provides professional services to the Company or any affiliate thereof or has had any such relationship or provided any such services at any time within the prior three years.

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

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

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

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

(y) “Measurement Period” means the time period over which Units are vested.

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

(aa) “Member Representative Director” means a Director who has been elected by the LLC Member after having been nominated by the Member Nominating Committee or by an Exchange Member pursuant to these By-Laws and confirmed as the nominee of Exchange Members after majority vote of Exchange Members, if applicable. A Member Representative Director may, but is not required to be an officer, director, employee, or agent of an Exchange Member.

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

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

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

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

(ff) “Observer” has the meaning set forth in Article II, Section 2.2 of these By-Laws.

(gg) “Performance Criteria” means the trades on MIAX in an amount equal to a percentage of the average daily volume of contracts traded on all options exchanges for all option classes listed on MIAX as reported to The Options Clearing Corporation for a specified Measurement Period in an amount such that the ERP Member earns Units during such specified Measurement Period.

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

(ii) “person associated with an Exchange Member” or “associated person of an Exchange Member” means any partner, officer, or director of an Exchange Member (or person occupying a similar status or performing similar functions), any person directly or indirectly

controlling, controlled by, or under common control with such Exchange Member, or any employee of such Exchange Member.

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

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

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

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

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

(oo) “Unit” means a combination of securities or types of securities packaged together as one.

ARTICLE II **Board of Directors**

Section 2.1 Powers

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

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

(c) The Board may adopt such rules, regulations, and requirements for the conduct of the business and management of the Company, not inconsistent with law, the Certificate of Formation, the LLC Agreement or these By-Laws, as the Board may deem proper.

A Director shall, in the performance of such Director's duties, be fully protected, to the fullest extent permitted by law, in relying in good faith upon the books of account or reports made to the Company by any of its officers, by an independent certified public accountant, by an appraiser selected with reasonable care by the Board or any committee of the Board or by any agent of the Company, or in relying in good faith upon other records of the Company.

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

(e) In light of the unique nature of the Company and its operations and in light of the Company's status as a self-regulatory organization, the Board, when evaluating any proposal, shall, to the fullest extent permitted by applicable law, take into account all factors that the Board deems relevant, including, without limitation, to the extent deemed relevant: (i) the potential impact thereof on the integrity, continuity and stability of the national securities exchange operated by the Company and the other operations of the Company, on the ability to prevent fraudulent and manipulative acts and practices and on investors and the public, and (ii) whether such would promote just and equitable principles of trade, foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to and facilitating transactions in securities or assist in the removal of impediments to or perfection of the mechanisms for a free and open market and a national market system.

Section 2.2 Composition of the Board and Observer Rights

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

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

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

(ii) The number of Member Representative Directors (which shall not include the ERP Directors) shall be at least twenty (20) percent of the Board.

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

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

(e) Any ERP Member (either by itself or with its affiliates) that is not otherwise represented on the Board may have the right to nominate one (1) ERP Director or appoint an Observer to the Board of Directors. If at any time such ERP Member is otherwise able to nominate an ERP Director hereunder but is unable to fill such position as a result of such ERP Member already having a representative on the Board, such ERP Member will have the right to nominate such Director in accordance with this Article II, Section 2.2(e) upon the resignation or removal of such Director already serving on the Board. The ERP Member's right to nominate a Director or appoint an Observer pursuant to this Section 2.2(e) shall be perpetual, subject to the provisions of Section 2.3 below. The nominee shall be appointed at the first annual meeting of the Company following the Effective Date.

(f) If an ERP Director position needs to be added pursuant to Article II, Section 2.2(e), such ERP Director shall be nominated by the applicable ERP Member and elected by the LLC Member and additional Director positions shall be added and filled at the same time as the election of the new ERP Director, as required to comply with the requirements set forth in Article II, Section 2.2(a) and (b).

(g) As per Section 2.2(e), a person may be invited to attend meetings of the Board in a nonvoting observer capacity as follows ("Observers"):

(i) Any ERP Member that is not otherwise represented on the Board shall have the right to appoint one individual as an Observer. If the ERP Member is otherwise able to nominate an ERP Director, an Observer appointment would be in lieu of such ERP Director nomination.

(ii) The ERP Member's right to appoint an Observer pursuant to this Section 2.2(g) shall be perpetual, subject to the provisions of Section 2.3 below. An Observer may not be subject to a statutory disqualification.

(iii) The Company shall invite the Observers to attend all meetings of its Board of Directors in a nonvoting observer capacity and, in this respect, shall give such representative copies of all notices, minutes, consents, and other materials that it provides to its Directors at the same time and in the same manner as provided to such Directors; provided, however, that such representative shall agree to hold in confidence and trust and to act in a fiduciary manner with respect to all information so provided; and provided further, that the Company reserves the right to withhold any information and to exclude such representative from any meeting or portion thereof if access to such information or attendance at such meeting could adversely affect the attorney-client privilege between the Company and its counsel or result in disclosure of trade secrets or a conflict of interest.

Section 2.3 Terms of Office

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

(b) Each of the Non-Industry and Industry Directors (including Member Representative Directors) other than the ERP Directors shall be divided into three (3) classes, designated Class I, Class II and Class III, which shall be as nearly equal in number and classification as the total number of such Directors then serving on the Board permits. Directors other than the Chief Executive Officer or the ERP Directors shall serve staggered three-year terms, with the term of office of one class expiring each year. A Director may serve for any number of terms, consecutive or otherwise. In order to commence such staggered three-year terms, Directors in Class I shall hold office until the second annual election of the Board of Directors, Directors in Class II shall initially hold office until the third annual election of the Board of Directors, and Directors in Class III shall initially hold office until the fourth annual election of the Board of Directors. Commencing with the second annual election of the Board of Directors, the term of office for each class of Directors elected at such time shall be three years from the date of their election. Notwithstanding the foregoing, in the case of any new Director as contemplated by Article II, Section 2.2(a), such Director shall be added to a class, as determined by the Board at the time of such Director's initial election or appointment, and shall have an initial term expiring at the same time as the term of the class to which such Director has been added. The Board term of the ERP Directors shall expire as set forth in Article II, Section 2.3 (c), (d) and (e) below.

(c) In the event that an ERP Member (either by itself or with its affiliates) who has the right to nominate an ERP Director and which fails to meet its Performance Criteria for three consecutive Measurement Periods such that it only meets the required performance criteria of an ERP Member that may appoint an Observer, the individual designated by the non-performing ERP Member shall immediately cease to be an ERP Director of the Company and such ERP Member shall cease to have the right to nominate an ERP Director. Such non-performing ERP Member shall continue to maintain Observer rights as set forth in Article II, Section 2.2(g), subject to the provisions of Section 2.3(e) below. Notwithstanding the foregoing, in the event that the non-performing ERP Member satisfies the Performance Criteria for a subsequent Measurement Period, then such ERP Member may renominate an ERP Director for election at the immediately following annual meeting of the Company.

(d) In the event that an ERP Member (either by itself or with its affiliates) who has the right to appoint an Observer and which fails to meet its Performance Criteria for three consecutive Measurement Periods, the individual designated by the non-performing ERP Member shall immediately cease to be an Observer and such non-performing ERP Member shall cease to have the right to appoint an Observer. Notwithstanding the foregoing, in the event that the non-performing ERP Member satisfies the Performance Criteria for a subsequent Measurement Period, then such ERP Member may reappoint an Observer.

(e) An individual ERP Director or Observer position shall be immediately terminated following the transfer of common stock or warrants of the LLC Member acquired pursuant to the ERP Agreement by an ERP Member which, after giving effect to such transfer, results in such ERP Member holding less than 20% of the aggregate number of shares of common stock of the LLC Member issued or issuable pursuant to the Units acquired pursuant to the ERP Agreement collectively.

Section 2.4 Nomination and Election

(a) The Nominating Committee each year shall nominate Directors for each Director position standing for election at the annual meeting of the LLC Member that year. For positions requiring persons who qualify as Member Representative Directors, the Nominating Committee shall nominate only those persons whose names have been approved and submitted by the Member Nominating Committee, and approved by, if applicable, Exchange Members pursuant to the procedures set forth below in this Section 2.4. For Director positions requiring persons who qualify as ERP Directors, the Nominating Committee shall nominate only those persons whose names have been approved and submitted by the applicable ERP Members having the right to nominate such person pursuant to Article II, Section 2.2 of these By-Laws.

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

(c) Not later than sixty (60) days prior to the date announced as the date for the annual meeting of the LLC Member, the Member Nominating Committee shall report to the Nominating Committee and the Secretary the initial nominees for Member Representative Director positions on the Board that have been approved and submitted by the Member Nominating Committee. The Secretary shall promptly notify Exchange Members of those initial nominees. Exchange Members may identify other candidates (“Petition Candidates” for purposes of this Section 2.4) for the Member Representative Director positions by delivering to the Secretary, at least thirty-five (35) days before the date announced as the date for the annual meeting of the LLC Member (the “Record Date” for purposes of this Section 2.4), a written petition, which shall designate the candidate by name and office and shall be signed by Executive Representatives of ten percent (10%) or more of the Exchange Members. An Exchange Member may endorse as many candidates as there are Member Representative

Director positions to be filled. No Exchange Member, together with its affiliates, may account for more than fifty percent (50%) of the signatures endorsing a particular candidate, and any signatures of such Exchange Member, together with its affiliates, in excess of the fifty percent (50%) limitation shall be disregarded.

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

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

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

Section 2.5 [Reserved]

Section 2.6 Chairman of the Board

The Board shall appoint one of the Directors to serve as the Chairman of the Board ("Chairman"). The Chairman shall preside at all meetings of the Board at which the Chairman is present; provided, however, that if the Chairman is the Chief Executive Officer he or she shall not participate in executive sessions of the Board. The Chairman shall exercise such other

powers and perform such other duties as may be assigned to the Chairman from time to time by the Board. If the Chairman is the Chief Executive Officer, the Board of Directors shall designate a Lead Director from among the Board's Independent Directors to preside over executive sessions of the Board. The Board shall publicly disclose the identity of the Lead Director, if any, and the means by which interested parties may communicate with such Lead Director.

Section 2.7 Vice Chairman

Each year following the annual election of the Directors, the Board may select a Vice Chairman of the Board (the "Vice Chairman") to serve for a term of one year and until a successor is elected or appointed and qualified. The Vice Chairman shall (i) preside over the meetings of the Board in the event the Chairman of the Board is absent or unable to do so, and (ii) exercise such other powers and perform such other duties as are delegated to the Vice Chairman of the Board by the Board.

Section 2.8 Vacancies

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

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

(c) If an ERP Director position becomes vacant for a reason other than failure by an ERP Member to meet its Performance Criteria as set forth in Article II, Section 2.3(c), then the LLC Member shall follow the procedures set forth in this Section 2.8(c). In such an event, the Nominating Committee shall recommend an individual to the LLC Member to be elected to fill such vacancy that has been nominated by the applicable ERP Member having the right to nominate such person pursuant to Article II, Section 2.2 of these By-Laws. The LLC Member shall elect, pursuant to this Section 2.8(c), only individuals recommended by the Nominating Committee.

Section 2.9 Removal and Resignation

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

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

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

Section 2.10 Place of Meetings; Mode

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

Section 2.11 Regular Meetings

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

Section 2.12 Special Meetings

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

(b) The person or persons calling a special meeting of the Board shall fix the time and place at which the meeting shall be held, and such time and place shall be specified in the notice of such meeting. Notice of any special meeting shall be given to each Director at his or her business address or such other address as he or she may have advised the Secretary to use for

such purpose. If delivered, notice shall be deemed to be given when delivered to such address or to the Director to be notified. If mailed, such notice shall be deemed to be given five (5) business days after deposit in the United States mail, postage prepaid, of a letter addressed to the appropriate location. Notice may also be given by telephone, electronic transmission or other means not specified in this section, and in each such case shall be deemed to be given when actually received by the Director to be notified.

Section 2.13 Exchange Member Meetings

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

Section 2.14 Voting, Quorum and Action by the Board

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

Section 2.15 Presumption of Assent

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

Section 2.16 Action in Lieu of Meeting

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

Section 2.17 Waiver of Notice

(a) Whenever notice is required to be given by law, the Certificate of Formation, the LLC Agreement or these By-Laws, a waiver thereof by the person or persons

entitled to such notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the Board, or members of a committee, need be specified in any waiver of notice.

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

Section 2.18 Compensation of Board and Committee Members

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

Section 2.19 Interpretation of By-Laws

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

Section 2.20 Conflicts of Interest; Contracts and Transactions Involving Directors

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

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

ARTICLE III
The LLC Member

Section 3.1 Annual Meeting; Election of Directors and Other Matters

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

Section 3.2 Special Meetings

Special meetings of the LLC Member, for any purpose or purposes, may be called by the Chairman, the Board, the Chief Executive Officer or the President, and shall be called by the Secretary at the request in writing of the LLC Member. Written notice of a special meeting stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called, shall be given to the LLC Member not less than ten (10) nor more than sixty (60) days before the date of the meeting. Business transacted at any special meeting of the LLC Member shall be limited to the purpose(s) stated in the notice of the meeting.

Section 3.3 Action in Lieu of Meeting

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

Section 3.4 Assignment

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

ARTICLE IV
Committees

Section 4.1 Designation of Committees

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

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

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

(a) Except as may be otherwise provided in these By-Laws, the Rules or the resolution of the Board establishing any committee, the Chairman, with the approval of the Board, shall appoint, consistent with these By-Laws, the members of all committees of the Board, and the Chairman may, at any time, with or without cause, remove any member of a committee so appointed, with the approval of the Board. Each committee shall be comprised of at least three (3) people and except as provided in these By-Laws may include persons who are not members of the Board; provided, however, that such committee members who are not also members of the Board shall only participate in committee actions to the extent permitted by law. In appointing members to committees of the Board, the Chairman is responsible for determining that any such committee meets the composition requirements set forth in this Article IV.

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

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

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

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

Section 4.3 Conduct of Proceedings

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

Section 4.4 Voting, Quorum and Action by Committees

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

Section 4.5 Specified Board Committees

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

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

operational oversight as necessary and proper, consistent with preservation of the independence of the internal audit function.

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

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

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

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

Section 4.6 Quality of Markets Committee.

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

Section 4.7 Business Conduct Committee

There shall be a Business Conduct Committee which shall not be a Board Committee but shall be a committee of the Exchange. The Chairman shall appoint a Business Conduct Committee composed of such number of Exchange Members and individuals who are not Exchange Members as the Chairman shall deem necessary, none of whom shall be Directors. The Business Conduct Committee or any panel thereof shall include at least one officer, director or employee of an Exchange Member.

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

ARTICLE V **Nominating Committees**

Section 5.1 Election of Nominating Committee and Member Nominating Committee

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

for the Member Nominating Committee may be nominated and elected pursuant to the same process as provided for in Article II, Section 2.4.

Section 5.2 Nominating Committee

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

Section 5.3 Member Nominating Committee

The Member Nominating Committee shall nominate candidates for each Member Representative Director position on the Board that is to be elected by Exchange Members or the LLC Member under the terms of these By-Laws. Each member of the Member Nominating Committee shall be a Member Representative member and shall not be required to be a Director of the Company.

ARTICLE VI **Officers, Agents and Employees**

Section 6.1 General

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

Section 6.2 Appointment and Tenure

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

Section 6.3 Resignation and Removal of Officers; Vacancies

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

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

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

Section 6.4 Compensation

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

Section 6.5 Powers and Duties; Delegation

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

Section 6.6 Chief Executive Officer

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

Section 6.7 President

The President shall, in the absence of the Chairman, the Vice Chairman and Chief Executive Officer, preside at all meetings of the Board at which the President is present. The President shall have general supervision over the operations of the Company. The President shall

have all powers and duties usually incident to the office of the President, except as specifically limited by a resolution of the Board. The President shall exercise such other powers and perform such other duties as may be assigned to the President from time to time by the Board.

Section 6.8 Vice President

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

Section 6.9 Chief Financial Officer

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

Section 6.10 Chief Regulatory Officer

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

Section 6.11 Secretary

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

Section 6.12 Assistant Secretary

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

Section 6.13 Treasurer

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

Section 6.14 Assistant Treasurer

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

ARTICLE VII
Indemnification and Insurance

Section 7.1 Right to Indemnification

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

Section 7.2 Right to Advancement of Expenses

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

Section 7.3 Right of Indemnitee to Bring Suit

If a claim under Section 7.1 or Section 7.2 is not paid in full by the Company within thirty (30) days after a written claim has been received by the Company, except in the case of a claim for an advancement of expenses, in which case the applicable period shall be twenty (20) days, the indemnitee may at any time thereafter bring suit against the Company to recover the

unpaid amount of the claim. If successful in whole or in part in any such suit, or in a suit brought by the Company to recover an advancement of expenses pursuant to the terms of an undertaking, the indemnitee shall also be entitled to be paid the expense of prosecuting or defending such suit.

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

Section 7.4 Non-Exclusivity of Rights

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

Section 7.5 Insurance

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

Section 7.6 Indemnification of Employees and Agents of the Company

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

Section 7.7 Contract Rights

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

Section 7.8 Company Not Liable

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

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

Section 8.1 By the LLC Member or Board

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

Section 8.2 Emergency By-Laws

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

Section 8.3 Authority to Take Action Under Extraordinary Market Conditions

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

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

(b) the operation of any or all systems of Exchange Members, if, in the opinion of the Board or the person or persons hereby designated, such action is necessary or

appropriate for the protection of investors or the public interest or for the orderly operation of the marketplace or the system.

Section 8.4 Commission Approval

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

ARTICLE IX **Exchange Authorities**

Section 9.1 Rules

The Board, acting in accordance with the terms of these By-Laws and the Rules, shall be vested with all powers necessary for the government of the Company as an “exchange” within the meaning of the Act. To promote and enforce just and equitable principles of trade and business, to maintain high standards of commercial honor and integrity among Exchange Members, to collaborate with governmental and other agencies in the promotion of fair practices and the elimination of fraud, and in general to carry out the purposes of the Company and of the Act, the Board is hereby authorized to adopt such rules and such amendments thereto as it may, from time to time, deem necessary or appropriate. If any such rules or amendments thereto are approved by the Commission or otherwise become effective as provided in the Act, they shall become operative Exchange Rules as of the date of Commission approval or effectiveness under the Act unless a later operative date is declared by the Company. The Board is hereby authorized, subject to the provisions of these By-Laws and the Act, to administer, enforce, interpret, issue exemptions from, suspend, or cancel any Rules adopted hereunder.

Section 9.2 Disciplinary Proceedings

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

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

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

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

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

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

Section 9.3 Membership Qualifications

(a) The Board shall have authority to adopt rules and regulations applicable to Exchange Members, applicants seeking to become Exchange Members, and persons associated with applicants or Exchange Members, establishing specified and appropriate standards with respect to the training, experience, competence, financial responsibility, operational capability, and such other qualifications as the Board finds necessary or desirable.

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

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

Section 9.4 Fees, Dues, Assessments, and Other Charges

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

ARTICLE X
Miscellaneous Provisions

Section 10.1 Operational Date of Exchange

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

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

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

Section 10.2 Fiscal Year

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

Section 10.3 Participation in Board and Committee Meetings

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

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

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

officers and other agents of the Company to the extent necessary or appropriate to properly discharge the self-regulatory responsibilities of the Company.

Section 10.5 Execution of Instruments, Contracts, etc.

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

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

Section 10.6 Power to Vote Stock

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

Section 10.7 Severability

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

Effective Date: May 20, 2016

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

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

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

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

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

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

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

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

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

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

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

Section 9. Management.

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

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

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

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

Section 10. Officers.

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

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

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

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

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

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

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

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

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

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

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

Section 17. Books and Records.

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

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

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

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

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

Section 20. Exculpation and Indemnification.

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

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

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

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

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

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

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

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

Section 22. Dissolution.

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

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

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

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

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

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

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

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

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

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

Section 28. Amendments.

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


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

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

IN WITNESS WHEREOF, the undersigned, intending to be legally bound hereby, has duly executed this Second Amended and Restated Limited Liability Company Agreement as of the 1st day of December, 2012.

MEMBER:

MIAMI INTERNATIONAL HOLDINGS, INC.

By: 
Thomas P. Gallagher
Chairman

SCHEDULE A

Definitions

A. Definitions

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

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

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

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

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

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

“Commission” means the Securities and Exchange Commission.

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

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

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

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

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

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

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

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

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

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

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

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

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

B. Rules of Construction

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

SCHEDULE B

LLC Member

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

SCHEDULE C

Directors as of December 1, 2012

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

EXHIBIT A

BY-LAWS OF MIAMI INTERNATIONAL SECURITIES EXCHANGE, LLC

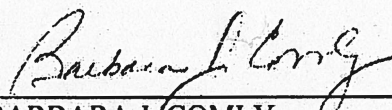
Attached

CERTIFICATE OF FORMATION
OF
MIAX PEARL, LLC

THIS IS TO CERTIFY that there is hereby formed a limited liability company under and by virtue of the Delaware Limited Liability Company Act (the "Act") (6 Del. C. §18-101, et seq.).

1. The name of the limited liability company is **MIAX PEARL, LLC** (the "Company").
2. The address of the registered office of the Company in the State of Delaware is 1209 Orange Street in the City of Wilmington, County of New Castle, ZIP Code 19801, and the name of the registered agent at such address for service of process is The Corporation Trust Company.
3. This Certificate shall be effective upon filing.
4. The duration of this limited liability company will be perpetual.

IN WITNESS WHEREOF, the undersigned, an authorized person, has signed this certificate this 11th day of February, 2016.



BARBARA J. COMLY
7 Roszel Road, 5th Floor
Princeton, NJ 08540

**AMENDED AND RESTATED
LIMITED LIABILITY COMPANY AGREEMENT
OF
MIAX PEARL, LLC
(a Delaware limited liability company)**

Miami International Holdings, Inc., a Delaware corporation, the sole member (the “LLC Member”) of **MIAX PEARL, LLC**, a Delaware limited liability company (the “Company”), pursuant to and in accordance with the Delaware Limited Liability Company Act, 6 Del.C. § 18-101, et seq. (the “LLC Act”), hereby declares the following to be the Amended and Restated Limited Liability Company Agreement (the “LLC Agreement”) of the Company which amends and restates in its entirety the Limited Liability Company Agreement dated March 7, 2016 of the Company (the “Operating Agreement”). Capitalized terms not otherwise defined herein shall have the meanings set forth on Schedule A to this LLC Agreement.

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

Section 2. Name. The name of the Company is “MIAX PEARL, LLC”.

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

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

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

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

Section 7. Purpose of the Company. The purpose of the Company shall be to conduct the operations of an “exchange” within the meaning of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and to conduct any lawful business or activity

whatsoever, as permitted by applicable law and as determined from time to time by the board of directors of the Company (the “Board of Directors”).

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

Section 9. Management.

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

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

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

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

Section 10. Officers.

(a) Officers of the Company. Except as provided herein, the Board may, from time to time as it deems advisable, select natural persons who are employees or agents of the Company and designate them as officers of the Company (the “Officers”) and assign titles (including, without limitation, Chief Executive Officer, Vice President, Chief Financial Officer,

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

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

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

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

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

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

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

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

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

Section 17. Books and Records.

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

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

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

Section 19. Other Business. Unless otherwise restricted by law, the LLC Member, and any Officer, Director, employee or agent of the Company and any Affiliate of the LLC Member may engage in or possess an interest in other business ventures (unconnected with the Company) of every kind and description, independently or with others. The Company shall not

have any rights in or to such independent ventures or the income or profits therefrom by virtue of this LLC Agreement.

Section 20. Exculpation and Indemnification.

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

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

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

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

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

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

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

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

Section 22. Dissolution.

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

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

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

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

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

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

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

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

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

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

Section 28. Amendments.

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


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

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

IN WITNESS WHEREOF, the undersigned, intending to be legally bound hereby, has duly executed this Amended and Restated Limited Liability Company Agreement as of the 5th day of December, 2016.

MEMBER:

MIAMI INTERNATIONAL HOLDINGS, INC.

By: 

Thomas P. Gallagher
Chairman

SCHEDULE A

Definitions

A. Definitions

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

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

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

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

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

“Certificate of Formation” means the Certificate of Formation of the Company filed with the Secretary of State of the State of Delaware on February 11, 2016, as amended or amended and restated from time to time.

“Commission” means the Securities and Exchange Commission.

“Company” means MIAX PEARL, LLC, a Delaware limited liability company.

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

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

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

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

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

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

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

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

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

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

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

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

B. Rules of Construction

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

SCHEDULE B

LLC Member

Name	Mailing Address	Limited Liability Company Interest
Miami International Holdings, Inc.	7 Roszel Road, 5 th Floor Princeton, NJ 08540	100%

SCHEDULE C

Directors as of December 5, 2016

	Name	Classification
1.	Thomas P. Gallagher	Industry
2.	Robert D. Prunetti	Non-Industry/Independent
3.	John Beckelman	Industry
4.	Lindsay L. Burbage	Non-Industry/Independent
5.	John E. McCormac	Non-Industry/Independent
6.	Leslie Florio	Non-Industry/Independent
7.	Lawrence E. Jaffe	Non-Industry/Independent
8.	Cynthia Schwarzkopf	Non-Industry/Independent

EXHIBIT A

BY-LAWS OF MIAX PEARL, LLC

[Separate document]

BY-LAWS
OF
MIAX PEARL, LLC
(a Delaware limited liability company)

These By-Laws have been established as the By-Laws of **MIAX PEARL, LLC**, a Delaware limited liability company (the "Company"), pursuant to the Amended and Restated Limited Liability Company Agreement of the Company, dated as of December 5, 2016, (as amended from time to time, the "LLC Agreement"), and, together with the LLC Agreement, constitute the limited liability company agreement of the Company within the meaning of the LLC Act (as defined in the LLC Agreement). In the event of any inconsistency between the LLC Agreement and these By-Laws, the provision of the LLC Agreement shall control.

ARTICLE I
Definitions

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

- (a) "Act" means the Securities Exchange Act of 1934, as amended.
- (b) An "affiliate" of, or person "affiliated" with a specific person, is a person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person specified.
- (c) "Board" or "Board of Directors" means the Board of Directors of the Company.
- (d) "broker" shall have the same meaning as in Section 3(a)(4) of the Act.
- (e) "Certificate of Formation" means the Certificate of Formation of the Company filed with the office of the Secretary of State of the State of Delaware on February 11, 2016, as amended or amended and restated from time to time.
- (f) "Commission" means the Securities and Exchange Commission.
- (g) "Company" means MIAX PEARL, LLC, a Delaware limited liability company.
- (h) "day" means calendar day.
- (i) "dealer" shall have the same meaning as in Section 3(a)(5) of the Act.
- (j) "Director" means the persons elected or appointed to the Board of Directors from time to time in accordance with the LLC Agreement and these By-Laws in their capacity as managers of the Company.
- (k) "Effective Date" means the date of effectiveness of these By-Laws.

- (l) “Exchange” means the national securities exchange operated by the Company.
- (m) “Exchange Contract” means a contract that is then listed for trading by the Exchange or that is contemplated by the then current business plan of the Company to be listed for trading by the Exchange within ninety (90) days following such date.
- (n) “Exchange Member” means any registered broker or dealer that has been admitted to membership in the national securities exchange operated by the Company. An Exchange Member is not a member of the Company by reason of being an Exchange Member. An Exchange Member will have the status of a “member” of the Exchange as that term is defined in Section 3(a)(3) of the Act.
- (o) “Executive Representative” means the person identified to the Company by an Exchange Member as the individual authorized to represent, vote, and act on behalf of the Exchange Member. An Exchange Member may change its Executive Representative or appoint a substitute for its Executive Representative upon giving notice thereof to the Secretary of the Company via electronic process or such other process as the Company may prescribe. An Executive Representative of an Exchange Member or a substitute shall be a member of senior management of the Exchange Member.
- (p) “Independent Director” means a Director who has no material relationship with the Company or any affiliate of the Company, or any Exchange Member or any affiliate of any such Exchange Member; *provided*, however, that an individual who otherwise qualifies as an Independent Director shall not be disqualified from serving in such capacity solely because such Director is a Director of the Company or its LLC Member.
- (q) “Independent member” means a member of any committee who has no material relationship with the Company or any affiliate of the Company, or any Exchange Member or any affiliate of any such Exchange Member, other than as a committee member. The term Independent member may but is not required to refer to an Independent Director who serves on a committee.
- (r) “Industry Director” means a Director who (i) is or has served in the prior three years as an officer, director, or employee of a broker or dealer, excluding an outside director or a director not engaged in the day-to-day management of a broker or dealer; (ii) is an officer, director (excluding an outside director), or employee of an entity that owns more than 10% of the equity of a broker or dealer, and the broker or dealer accounts for more than 5% of the gross revenues received by the consolidated entity; (iii) owns more than 5% of the equity securities of any broker or dealer, whose investments in brokers or dealers exceed 10% of his or her net worth, or whose ownership interest otherwise permits him or her to be engaged in the day-to-day management of a broker or dealer; (iv) provides professional services to brokers or dealers, and such services constitute 20% or more of the professional revenues received by the Director or 20% or more of the gross revenues received by the Director’s firm or partnership; (v) provides professional services to a director, officer, or employee of a broker, dealer, or corporation that owns 50% or more of the voting stock of a broker or dealer, and such services relate to the director’s, officer’s, or employee’s professional capacity and constitute 20% or more of the professional revenues received by the Director or member or 20% or more of the gross revenues received by the Director’s or member’s firm or partnership; or (vi) has a consulting or employment relationship with or provides professional services to the Company or any affiliate thereof or has had any such relationship or provided any such services at any time within the prior three years.

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

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

(u) “LLC Act” means the Delaware Limited Liability Company Act, 6 §18-101, et seq.

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

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

(x) “Member Representative Director” means a Director who has been appointed as such to the initial Board of Directors pursuant to Article II, Section 2.5 of these By-Laws, or elected by the LLC Member after having been nominated by the Member Nominating Committee or by an Exchange Member pursuant to these By-Laws and confirmed as the nominee of Exchange Members after majority vote of Exchange Members, if applicable. A Member Representative Director may, but is not required to be an officer, director, employee, or agent of an Exchange Member.

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

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

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

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

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

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

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

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

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

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

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

ARTICLE II **Board of Directors**

Section 2.1 Powers

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

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

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

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

(e) In light of the unique nature of the Company and its operations and in light of the Company's status as a self-regulatory organization, the Board shall, to the fullest extent permitted by applicable law, take into account all factors that the Board deems relevant, including, without limitation, to the extent deemed relevant: (i) the potential impact thereof on the integrity, continuity and stability of the national securities exchange operated by the Company and the other operations of the Company, on the ability to prevent fraudulent and manipulative acts and practices and on investors and the public, and (ii) whether such would promote just and equitable principles of trade, foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to and facilitating transactions in securities or assist in the removal of impediments to or perfection of the mechanisms for a free and open market and a national market system.

Section 2.2 Composition of the Board

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

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

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

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

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

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

(e) The current Board of Directors consists of the Directors elected by the LLC Member and set forth on Schedule C to the LLC Agreement (the "Current Directors"). In addition to the Current Directors, interim Member Representative Directors shall be elected to the Board of Directors pursuant to the provisions set forth in Article II, Section 2.5 below (the "Interim Member Representative Directors"). The Current Directors and the Interim Member Representative Directors (together, the "Interim Directors") shall not be divided into classes as set forth in Section 2.3(b) and shall serve only until the first annual meeting of the LLC Member following the approval of the Company as a national securities exchange by the Commission, which meeting shall be held within ninety (90) days after the Exchange's application for registration as a national securities exchange is granted.

Section 2.3 Terms of Office

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

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

Section 2.4 Nomination and Election

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

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

(c) Not later than sixty (60) days prior to the date announced as the date for the annual meeting of the LLC Member, the Member Nominating Committee shall report to the Nominating Committee and the Secretary the initial nominees for Member Representative Director positions on the Board that have been approved and submitted by the Member Nominating Committee. The Secretary shall promptly notify Exchange Members of those initial nominees. Exchange Members may identify other candidates ("Petition Candidates" for purposes of this Section 2.4) for the Member Representative Director positions by delivering to the Secretary, at least thirty-five (35) days before the date announced as the date for the annual meeting of the LLC Member (the "Record Date" for purposes of this Section 2.4), a written petition, which shall designate the candidate by name and office and shall be signed by Executive Representatives of ten percent (10%) or more of the Exchange Members. An Exchange Member may endorse as many candidates as there are Member Representative Director positions to be filled. No Exchange Member, together with its affiliates, may account for more than fifty percent (50%) of the signatures endorsing a particular candidate, and any signatures of such Exchange Member, together with its affiliates, in excess of the fifty percent (50%) limitation shall be disregarded.

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

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

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

Section 2.5 Interim Directors

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

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

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

(d) If no valid petitions from Exchange Member Applicants are received by the Interim Record Date, the Initial Interim Member Representative Director Nominees approved and submitted by the LLC Member pursuant to Section 2.5(b) shall be nominated as Interim Member Representative Directors. If one or more valid petitions from Exchange Member Applicants are received by the Interim Record Date, the Secretary shall include such additional nominees, along with the Initial Interim Member Representative Director Nominees, on a list of nominees (the “List of Interim Member Representative Director Candidates”). Upon completion, the List of Interim Member Representative Director Candidates shall be sent by the Secretary to all Exchange Member Applicants that were Exchange Member Applicants on the Interim Record Date by electronic transmission to confirm the nominees for the Interim Member Representative Director positions. The List of Interim Candidates shall be accompanied by a notice regarding the time and date of an election (the “Interim Election Notice”) to be held electronically no sooner than five (5) days after the Interim Election Notice is delivered to confirm the Exchange Member Applicants’ selections of nominees for Interim Member Representative Directors.

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

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

Section 2.6 Chairman of the Board

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

Section 2.7 Vice Chairman

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

Section 2.8 Vacancies

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

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

Section 2.9 Removal and Resignation

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

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

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

Section 2.10 Place of Meetings; Mode

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

Section 2.11 Regular Meetings

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

Section 2.12 Special Meetings

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

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

Section 2.13 Exchange Member Meetings

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

Section 2.14 Voting, Quorum and Action by the Board

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

Section 2.15 Presumption of Assent

A Director of the Company who is present at a duly convened meeting of the Board or of a committee of the Board at which action on any corporate matter is taken shall be conclusively

presumed to have assented to the action taken unless his or her dissent or election to abstain shall be entered in the minutes of the meeting or unless he or she shall file his or her written dissent or election to abstain to such action with the person acting as the secretary of the meeting before the adjournment of the meeting or shall forward such dissent or election to abstain by registered or certified mail to the Secretary of the Company immediately after the adjournment of the meeting. Such right to dissent or abstain shall not apply to a Director who voted in favor of such action.

Section 2.16 Action in Lieu of Meeting

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

Section 2.17 Waiver of Notice

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

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

Section 2.18 Compensation of Board and Committee Members

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

Section 2.19 Interpretation of By-Laws

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

Section 2.20 Conflicts of Interest; Contracts and Transactions Involving Directors

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

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

ARTICLE III **The LLC Member**

Section 3.1 Annual Meeting; Election of Directors and Other Matters

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

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

Section 3.2 Special Meetings

Special meetings of the LLC Member, for any purpose or purposes, may be called by the Chairman, the Board, the Chief Executive Officer or the President, and shall be called by the Secretary at the request in writing of the LLC Member. Written notice of a special meeting stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called, shall be given to the LLC Member not less than ten (10) nor more than sixty (60) days before the date of the meeting. Business transacted at any special meeting of the LLC Member shall be limited to the purpose(s) stated in the notice of the meeting.

Section 3.3 Action in Lieu of Meeting

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

Section 3.4 Assignment

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

ARTICLE IV **Committees**

Section 4.1 Designation of Committees

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

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

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

(a) Except as may be otherwise provided in these By-Laws, the Rules or the resolution of the Board establishing any committee, the Chairman, with the approval of the Board, shall appoint, consistent with these By-Laws, the members of all committees of the Board, and the Chairman may, at any time, with or without cause, remove any member of a committee so appointed, with the approval of the Board. Each committee shall be comprised of at least three (3) people and except as provided in these By-Laws may include persons who are not members of the Board; provided, however, that such committee members who are not also members of the Board shall only participate in committee actions to the extent permitted by law. In appointing members to committees of the Board, the Chairman is responsible for determining that any such committee meets the composition requirements set forth in this Article IV.

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

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

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

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

Section 4.3 Conduct of Proceedings

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

Section 4.4 Voting, Quorum and Action by Committees

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

Section 4.5 Specified Board Committees

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

(b) **Audit Committee.** The Chairman, with the approval of the Board, shall appoint an Audit Committee consisting of Directors. A majority of the Audit Committee members shall be Non-Industry Directors. A Non-Industry Director shall serve as Chairman of the Audit Committee. The Audit Committee shall perform the following primary functions, as well as such other functions as may be specified in the charter of the Audit Committee: (i) provide oversight over the Company's financial reporting process and the financial information that is provided to the LLC Member and others; (ii) provide oversight over the systems of internal controls established by management and the Board and the Company's legal and compliance process; and (iii) direct and oversee all the

activities of the Company's internal audit function, including but not limited to management's responsiveness to internal audit recommendations. The Audit Committee shall have exclusive authority to: (i) hire or terminate the head of the Company's Internal Audit Department; (ii) determine the compensation of the head of the Internal Audit Department; and (iii) determine the budget for the Internal Audit Department. The Internal Audit Department and its head shall report directly to the Audit Committee. The Audit Committee may, in its discretion, direct that the Internal Audit Department also report to senior management of the Company on matters the Audit Committee deems appropriate and may request that senior management of the Company perform such operational oversight as necessary and proper, consistent with preservation of the independence of the internal audit function.

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

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

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

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

Section 4.6 Quality of Markets Committee.

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

Section 4.7 Business Conduct Committee

There shall be a Business Conduct Committee which shall not be a Board Committee but shall be a committee of the Exchange. The Chairman shall appoint a Business Conduct Committee composed of such number of Exchange Members and individuals who are not Exchange Members as the Chairman shall deem necessary, none of whom shall be Directors. The Business Conduct Committee or any panel thereof shall include at least one officer, director or employee of an Exchange Member.

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

ARTICLE V **Nominating Committees**

Section 5.1 Election of Nominating Committee and Member Nominating Committee

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

Section 5.2 Nominating Committee

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

Section 5.3 Member Nominating Committee

The Member Nominating Committee shall nominate candidates for each Member Representative Director position on the Board that is to be elected by Exchange Members or the LLC Member under the terms of these By-Laws. Each member of the Member Nominating Committee shall be a Member Representative member and shall not be required to be a Director of the Company.

ARTICLE VI **Officers, Agents and Employees**

Section 6.1 General

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

Section 6.2 Appointment and Tenure

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

Section 6.3 Resignation and Removal of Officers; Vacancies

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

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

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

Section 6.4 Compensation

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

Section 6.5 Powers and Duties; Delegation

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

Section 6.6 Chief Executive Officer

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

Section 6.7 President

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

Section 6.8 Vice President

The Board shall appoint one or more Vice Presidents. In the absence or disability of the President or if the office of President becomes vacant, the Vice Presidents in the order determined by the Board, or if no such determination has been made, in the order of their seniority, shall perform the duties and exercise the powers of the President, subject to the right of the Board at any time to extend or restrict such powers and duties or to assign them to others. Any Vice President may have such additional designations in such Vice President's title as the Board may determine. The Vice

Presidents shall generally assist the President in such manner as the President shall direct. Each Vice President shall exercise such other powers and perform such other duties as may be assigned to such Vice President from time to time by the Board, the Chief Executive Officer or the President. The term “Vice President” used in this Section shall include the positions of Executive Vice President, Senior Vice President, and Vice President.

Section 6.9 Chief Financial Officer

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

Section 6.10 Chief Regulatory Officer

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

Section 6.11 Secretary

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

Section 6.12 Assistant Secretary

In the absence of the Secretary or in the event of the Secretary's inability or refusal to act, any Assistant Secretary, approved by the Board, shall exercise all powers and perform all duties of

the Secretary. An Assistant Secretary shall also exercise such other powers and perform such other duties as may be assigned to such Assistant Secretary from time to time by the Board or the Secretary.

Section 6.13 Treasurer

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

Section 6.14 Assistant Treasurer

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

ARTICLE VII **Indemnification and Insurance**

Section 7.1 Right to Indemnification

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

Section 7.2 Right to Advancement of Expenses

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

Section 7.3 Right of Indemnitee to Bring Suit

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

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

Section 7.4 Non-Exclusivity of Rights

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

Section 7.5 Insurance

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

Section 7.6 Indemnification of Employees and Agents of the Company

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

Section 7.7 Contract Rights

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

Section 7.8 Company Not Liable

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

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

Section 8.1 By the LLC Member or Board

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

Section 8.2 Emergency By-Laws

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

Section 8.3 Authority to Take Action Under Extraordinary Market Conditions

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

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

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

Section 8.4 Commission Approval

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

ARTICLE IX **Exchange Authorities**

Section 9.1 Rules

The Board, acting in accordance with the terms of these By-Laws and the Rules, shall be vested with all powers necessary for the government of the Company as an “exchange” within the meaning of the Act. To promote and enforce just and equitable principles of trade and business, to maintain high standards of commercial honor and integrity among Exchange Members, to collaborate with governmental and other agencies in the promotion of fair practices and the elimination of fraud, and in general to carry out the purposes of the Company and of the Act, the Board is hereby authorized to adopt such rules and such amendments thereto as it may, from time to time, deem necessary or appropriate. If any such rules or amendments thereto are approved by the Commission or otherwise become effective as provided in the Act, they shall become operative Exchange Rules as of the date of Commission approval or effectiveness under the Act unless a later operative date is declared by the Company. The Board is hereby authorized, subject to the provisions of these By-Laws and the Act, to administer, enforce, interpret, issue exemptions from, suspend, or cancel any Rules adopted hereunder.

Section 9.2 Disciplinary Proceedings

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

(b) The Board is authorized to impose appropriate sanctions applicable to Exchange Members, including censure, fine, suspension, or expulsion from membership, suspension or bar

from being associated with all Exchange Members, limitation of activities, functions, and operations of an Exchange Member, or any other fitting sanction, and to impose appropriate sanctions applicable to persons associated with Exchange Members, including censure, fine, suspension, or barring a person associated with an Exchange Member from being associated with all Exchange Members, limitation of activities, functions, and operations of a person associated with an Exchange Member, or any other fitting sanction, for:

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

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

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

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

Section 9.3 Membership Qualifications

(a) The Board shall have authority to adopt rules and regulations applicable to Exchange Members, applicants seeking to become Exchange Members, and persons associated with applicants or Exchange Members, establishing specified and appropriate standards with respect to the training, experience, competence, financial responsibility, operational capability, and such other qualifications as the Board finds necessary or desirable.

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

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

Section 9.4 Fees, Dues, Assessments, and Other Charges

The Board shall have authority to fix and levy the amount of fees, dues, assessments, and other charges to be paid by Exchange Members and issuers and any other persons using any facility or system that the Company operates or controls; provided, however, that such fees, dues, assessments, and other charges shall be equitably allocated among Exchange Members and any other persons using any facility or system that the Company operates or controls. Any Regulatory Funds

will not be used for non-regulatory purposes or distributed to the LLC Member, but rather, shall be applied to fund the legal and regulatory operations of the Company (including surveillance and enforcement activities), or, as the case may be, shall be used to pay restitution and disgorgement of funds intended for customers.

ARTICLE X **Miscellaneous Provisions**

Section 10.1 Operational Date of Exchange

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

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

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

Section 10.2 Fiscal Year

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

Section 10.3 Participation in Board and Committee Meetings

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

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

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

Company, members of the Board, hearing officers and other agents of the Company to the extent necessary or appropriate to properly discharge the self-regulatory responsibilities of the Company.

Section 10.5 Execution of Instruments, Contracts, etc.

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

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

Section 10.6 Power to Vote Stock

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

Section 10.7 Severability

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

Effective Date: December 5, 2016

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

This filing has been executed and filed in accordance with Section 18-208 of the Limited Liability Company Act. This document is being executed for the purpose of amending and restating the original Certificate of Formation, filed under Miami International Technologies, LLC on May 12, 2010 under file number: 4812494

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


SECOND: The address of the registered office of the Company is located at Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle, Zip Code 19801. The registered agent in charge thereof is The Corporation Trust Company.

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

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

IN WITNESS WHEREOF, the undersigned, an authorized person, has executed this Amended and Restated Certificate of Formation on this date of June 28, 2011.

**MIAMI INTERNATIONAL
TECHNOLOGIES, LLC**

By: 
Thomas P. Gallagher
Chairman

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

Miami International Holdings, Inc., a Delaware corporation, the sole member (the “Member”) of Miami International Technologies, LLC, a Delaware limited liability company (the “Company”), pursuant to and in accordance with the Delaware Limited Liability Company Act, 6 Del.C. § 18-101, et seq. (the “Act”), hereby declares the following to be the First Amended and Restated Limited Liability Company Agreement (the “Agreement”) of the Company which amends and restates in its entirety the Operating Agreement dated June 29, 2010 of the Company (the “Original Operating Agreement”).

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

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

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

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

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

The registered office of the Company in the State of Delaware shall be located at c/o Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801. The name and address of the registered agent of the Company for service of process on the Company in the State of Delaware shall be The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801. The Member may from time to time change the registered agent or office by an amendment to the certificate of formation of the Company.

Section 6. Member. Miami International Holdings, Inc. is the sole member of the Company (the “Member”) holding 100% of the membership interests of the Company. The name and business or residence address of the Member is 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540.

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

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

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

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

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

Section 9. Establishment of Board of Directors.

(a) Directors. There shall be established a Board of Directors (the "Board") composed of not less than (1) and no more than fifteen (15) persons as determined from time to time by the Member ("Directors"), each of whom shall be elected by the Member. Any Director may be removed from the Board at any time by the Member. Each Director shall remain in office until his or her death, resignation or removal. In the event of death, resignation or removal of a Director, the party or parties, as applicable, which appointed such Director shall fill the vacancy created. Notwithstanding anything in this Agreement to the contrary, Directors shall not be deemed to be "members" or "managers" (as such terms are defined in the Act) of the Company.

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

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

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

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

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

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

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

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

Section 16. Return of Capital. The Member has the right to receive any distributions which include a return of all or any part of such Member’s capital contribution, provided that upon the dissolution and winding up of the Company, the assets of the Company shall be distributed as provided in Section 18-804 of the Act.

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

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

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

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

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

Section 22. Banking Matters. The Member and each Officer and any agent or employee of the Company, or other person designated by such Member or Officer is hereby authorized and empowered (A) to (i) establish one or more domestic or international accounts (including but not limited to, depository, checking, disbursement, custodian, or investment accounts, and other accounts as deemed necessary or expeditious for business purposes of the Company) ("Accounts"), in the name of the Company with any bank, trust company, savings and loan institution, brokerage firm or other financial institution which said Member or Officer shall from time to time designate as a depository of funds, securities or other property of the

Company, for any purpose and on terms and conditions deemed appropriate by such person on behalf of the Company; and (ii) close Accounts of the Company now or hereafter established; and (B) to assign, limit or revoke any and all authority of any agent or employee of the Company, or other person designated by such Member or Officer to (i) sign checks, drafts and orders for the payment of money drawn on the Company's Accounts, and all notes of the Company and all acceptances and endorsements of the Company; (ii) execute or initiate electronic fund transfers; (iii) execute or initiate foreign currency exchange transactions; (iv) execute or initiate the investment of monies; and (v) initiate requests for information for any Account of the Company.

Section 23. Amendment. This Agreement may only be amended by a writing duly signed by the Member.

Section 24. Governing Law. This Agreement shall be governed by, and construed under, the laws of the State of Delaware, without regard to conflict of law rules.

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

MIAMI INTERNATIONAL HOLDINGS, INC.

By: 

Thomas P. Gallagher
Chairman

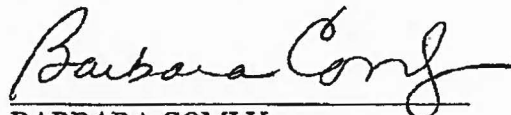
State of Delaware
Secretary of State
Division of Corporations
Delivered 10:33 AM 06/30/2015
FILED 10:33 AM 06/30/2015
SRV 150990702 - 5776534 FILE

CERTIFICATE OF FORMATION
OF
MIAX GLOBAL, LLC

THIS IS TO CERTIFY that there is hereby formed a limited liability company under and by virtue of the Delaware Limited Liability Company Act (the "Act") (6 Del. C. §18-101, et seq.).

1. The name of the limited liability company is **MIAX Global, LLC** (the "Company").
2. The address of the registered office of the Company in the State of Delaware is 1209 Orange Street in the City of Wilmington, County of New Castle, and the name of the registered agent at such address for service of process is The Corporation Trust Company.
3. This Certificate shall be effective upon filing.
4. The duration of this limited liability company will be perpetual.

IN WITNESS WHEREOF, the undersigned, an authorized person, has signed this certificate this 30th day of June, 2015.



BARBARA COMLY
7 Roszel Road, Suite 5-A
Princeton, NJ 08540

**LIMITED LIABILITY COMPANY AGREEMENT
OF
MIAX GLOBAL, LLC**

The undersigned is executing this Limited Liability Company Agreement (the “Agreement”) as of June 30, 2015 for the purpose of forming a limited liability company (the “Company”) pursuant to the provisions of the Delaware Limited Liability Company Act, 6 Del. C. § 18-101 et seq., as amended from time to time (the “Act”), and does hereby agree as follows:

1. **Formation.** A certificate of formation of the Company (the “Certificate”) was executed and filed with the Office of the Secretary of State of the State of Delaware on June 30, 2015.

2. **Name.** The name of the limited liability company shall be “**MIAX Global, LLC**”, or such other name as the Member may from time to time hereafter designate.

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

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

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

The registered office of the Company in the State of Delaware shall be located at c/o The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, DE 19801. The name and address of the registered agent of the Company for service of process on the Company in the State of Delaware shall The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, DE 19801. The Member may from time to time change the registered agent or office by an amendment to the certificate of formation of the Company.

6. **Member.** Miami International Holdings, Inc. is the sole member of the Company (the “Member”) holding 100% of the membership interests of the Company. The name and business or residence address of the Member is 7 Roszel Road, Suite 5-A, Princeton, NJ 08504.

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

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

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

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

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

9. **Establishment of Board of Directors.**

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

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

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

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

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

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

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

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

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

16. **Return of Capital.** The Member has the right to receive any distributions which include a return of all or any part of such Member’s capital contribution, provided that upon the dissolution and winding up of the Company, the assets of the Company shall be distributed as provided in Section 18-804 of the Act.

17. **Dissolution.** The Company shall be dissolved and its affairs wound up upon the occurrence of an event causing a dissolution of the Company under Section 18-801 of the Act, except the Company shall not be dissolved upon the occurrence of an event that terminates the continued membership of a Member if (i) at the time of the occurrence of such event there are at least two Members of the Company, or (ii) within ninety (90) days after the occurrence of such

event, all remaining Members agree in writing to continue the business of the Company and to the appointment, effective as of the date of such event, of one or more additional Members. In the event of dissolution, the Company shall conduct only such activities as are necessary to wind up its affairs (including the sale of the assets of the Company in an orderly manner), and the assets of the Company shall be applied in the manner, and in the order of priority set forth in Section 18-804 of the Act.

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

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

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

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

22. **Banking Matters.** The Member and each Officer and any agent or employee of the Company, or other person designated by such Member or Officer is hereby authorized and empowered (A) to (i) establish one or more domestic or international accounts (including but not limited to, depository, checking, disbursement, custodian, or investment accounts, and other accounts as deemed necessary or expeditious for business purposes of the Company) ("Accounts"), in the name of the Company with any bank, trust company, savings and loan institution, brokerage firm or other financial institution which said Member or Officer shall from time to time designate as a depository of funds, securities or other property of the Company, for any purpose and on terms and conditions deemed appropriate by such person on behalf of the Company; and (ii) close Accounts of the Company now or hereafter established; and (B) to assign, limit or revoke any and all authority of any agent or employee of the Company, or other person designated by such Member or Officer to (i) sign checks, drafts and orders for the payment of money drawn on the Company's Accounts, and all notes of the Company and all

acceptances and endorsements of the Company; (ii) execute or initiate electronic fund transfers; (iii) execute or initiate foreign currency exchange transactions; (iv) execute or initiate the investment of monies; and (v) initiate requests for information for any Account of the Company.

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

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

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

IN WITNESS WHEREOF, the undersigned has duly executed this Agreement as of the date first written above.

MIAMI INTERNATIONAL HOLDINGS, INC.

By: Thomas P. Gallagher
THOMAS P. GALLAGHER
Chairman and Chief Executive Officer
7 Roszel Road, Suite 5-A
Princeton, NJ 08540

State of Delaware
Secretary of State
Division of Corporations
Delivered 12:35 PM 06/17/2011
FILED 12:35 PM 06/17/2011
SRV 110734855 - 4465980 FILE

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

This filing has been executed and filed in accordance with Section 18-208 of the Limited Liability Company Act. This document is being executed for the purpose of amending and restating the original Certificate of Formation, filed under Miami Board of Trade, LLC on November 30, 2007, as amended by the Certificate of Amendment, filed on April 14, 2010 under file number: 4465980.

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

SECOND: The address of the registered office of the Company is located at Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle, Zip Code 19801. The registered agent in charge thereof is The Corporation Trust Company.

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

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

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

**MIAMI INTERNATIONAL FUTURES
EXCHANGE, LLC**

By: Thomas P. Gallagher
Thomas P. Gallagher
Chairman

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

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

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

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

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

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

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

The registered office of the Company in the State of Delaware shall be located at c/o The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801. The name and address of the registered agent of the Company for service of process on the Company in the State of Delaware shall be The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801. The Member may from time to time change the registered agent or office by an amendment to the certificate of formation of the Company.

Section 6. Member. Miami International Holdings, Inc. is the sole member of the Company (the "Member") holding 100% of the membership interests of the Company. The name and business or residence address of the Member is 7 Roszel Road, 5th Floor, Princeton, New Jersey 08540.

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

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

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

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

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

Section 9. Establishment of Board of Directors.

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

not be deemed to be “members” or “managers” (as such terms are defined in the Act) of the Company.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Section 23. Amendment. This Agreement may only be amended by a writing duly signed by the Member.

Section 24. Governing Law. This Agreement shall be governed by, and construed under, the laws of the State of Delaware, without regard to conflict of law rules.

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

MIAMI INTERNATIONAL HOLDINGS, INC.

By: 

Thomas P. Gallagher
Chairman