

Form 1 Page 1 Execution Page	UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 APPLICATION FOR, AND AMENDMENTS TO APPLICATION FOR, REGISTRATION AS A NATIONAL SECURITIES EXCHANGE OR EXEMPTION FROM REGISTRATION PURSUANT TO SECTION 5 OF THE EXCHANGE ACT	Date filed (MM/DD/YY): 05/04/17	OFFICIAL USE ONLY
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Warning: Failure to keep this form current and to file accurate supplementary information on a timely basis, or the failure to keep accurate books and records or otherwise comply with the provisions of law applying to the conduct of the applicant would violate the federal securities laws and may result in disciplinary, administrative or criminal action

INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACTS MAY CONSTITUTE CRIMINAL VIOLATIONS

APPLICATION AMENDMENT

- State the name of the applicant: MIAX PEARL, LLC
 - Provide the applicant's primary street address (Do not use a P.O. Box): 7 Roszel Road, Suite 5-A, Princeton, NJ 08540
SEC
Mail Processing
Section
 - Provide the applicant's mailing address (if different):
MAY 08 2017
Washington DC
412
 - Provide the applicant's business telephone and facsimile number:
Telephone: 609-897-7300; Facsimile: 609-987-2210
 - Provide the name, title and telephone number of a contact employee:
Barbara J. Comly, EVP, General Counsel & Corporate Secretary
609-897-7315
 - Provide the name and address of counsel for the applicant:
Barbara J. Comly, EVP, General Counsel & Corporate Secretary
MIAX PEARL, LLC
7 Roszel Road, Suite 5-A
Princeton, NJ 08540
 - Provide the date applicant's fiscal year ends: December 31
 - Indicate legal status of applicant: Corporation Sole Proprietorship Partnership
 Limited Liability Company Other (specify):
- If other than a sole proprietor, indicate the date and place where applicant obtained its legal status (e.g. state where incorporated, place where partnership agreement was filed or where applicant entity was formed):
- (a) Date (MM/DD/YY): 02/11/16 (b) State/Country of formation: Delaware
- (c) Statute under which applicant was organized: Delaware Limited Liability Company Act, 6 Del. C. 18-1d et seq.



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

MIAX PEARL, LLC

Date: May 4, 2017

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

Subscribed and sworn before me this 4th day of May, 2017.

Jane Post
Jane Post
Notary Public of the State of New Jersey
My Commission Expires October 27, 2019

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

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. [Updated]

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 PEARL, LLC is a wholly-owned subsidiary of Miami International Holdings, Inc.
5. *Brief description of business or functions:* Miami International Holdings, Inc. ("Miami Holdings") is a holding company which holds 100% of the equity of Miami International Securities Exchange, LLC, MIAX PEARL, LLC, Miami International Technologies, LLC, MIAX Global, LLC, and Miami International Futures Exchange, LLC. Miami International Holdings, Inc. is 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. [Updated]

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
Shelly Brown	Senior Vice President – Strategic Planning and Operations
Randy Foster	Senior Vice President – Business Systems Development
Harish Jayabalan	Senior Vice President – Chief Risk Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Frank Ziegler	Senior Vice President – Systems Infrastructure
Deborah Carroll	Senior Vice President and Associate General Counsel
Joseph W. Ferraro III	Senior Vice President and Associate General Counsel
Shawn Hughes	Vice President – Project Management
John Masserini	Chief Security Officer and Vice President – Information Security
Amy Neiley	Vice President – Trading Operations and Listings
Tia Toms	Vice President – Administration
Richard Rudolph	Vice President and Senior Counsel

Name	Title
James O'Neil	Vice President and Director of Physical Security and Safety
Gregory Ziegler	Assistant Vice President and 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. [No change]

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
Timur Tillyaev
Christopher L. Whittington
Jassem Hassan Zainal

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

Audit Committee of Miami International Holdings, Inc. [No change]

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. [No change]

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 [Updated]

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 Options") is registered as a National Securities Exchange under Section 6 of the Securities Exchange Act of 1934, as amended. Miami International Securities Exchange, LLC 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 [Updated]

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 Operations
John Smollen	Executive Vice President – Head of Exchange Traded Products and Strategic Relations

Name	Title
Randy Foster	Senior Vice President – Business Systems Development
Harish Jayabalan	Senior Vice President – Chief Risk Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Frank Ziegler	Senior Vice President – Systems Infrastructure
Deborah Carroll	Senior Vice President, Associate General Counsel and Assistant Corporate Secretary
Joseph W. Ferraro III	Senior Vice President and Deputy General Counsel
Richard Ross	Senior Vice President of Exchange Traded Products
Joseph S. Bracco	Senior Vice President – Head of Sales
Richard Rudolph	Vice President and Senior Counsel
Shawn Hughes	Vice President – Project Management
John Masserini	Chief Security Officer and Vice President – Information Security
Amy Neiley	Vice President – Trading Operations and Listings
Lawrence O’Leary	Vice President – Market Surveillance
Laurence Gardner	Vice President – Regulatory Operations
Tia Toms	Vice President – Administration
James O’Neil	Vice President and Director of Physical Security and Safety
Gregory Ziegler	Assistant Vice President and 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 [No change]

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 [No change]

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

Finance Committee
Michael P. Ameen (Chair)
Marianne Deane
John E. McCormac
J. Gray Teekell

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. MIAMI INTERNATIONAL TECHNOLOGIES, LLC [Updated]

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 [Updated]

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
Frank Ziegler	Senior Vice President – Systems Infrastructure
Deborah Carroll	Senior Vice President and Associate General Counsel
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 [No change]

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.

D. MIAX GLOBAL, LLC [No change]

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
Jeromee Johnson	Executive Vice President – Head of International Market Development

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.

E. MIAMI INTERNATIONAL FUTURES EXCHANGE, LLC [No change]

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.

EXHIBIT J

Exhibit Request:

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

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

Response:

1. **Officers of MIAX PEARL, LLC [Updated]**

The following persons are the officers of the Exchange:

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 Operations
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
Matthew Rotella	Senior Vice President – Chief Technology Officer
Frank Ziegler	Senior Vice President – Systems Infrastructure
Deborah Carroll	Senior Vice President, Associate General Counsel and Assistant Corporate Secretary
Joseph W. Ferraro III	Senior Vice President and Deputy General Counsel
Richard Ross	Senior Vice President of Exchange Traded Products

Name	Title
Joseph S. Bracco	Senior Vice President – Head of Sales
Richard Rudolph	Vice President and Senior Counsel
Shawn Hughes	Vice President – Project Management
John Masserini	Chief Security Officer and Vice President – Information Security
Amy Neiley	Vice President – Trading Operations and Listings
Lawrence O’Leary	Vice President – Market Surveillance
Laurence Gardner	Vice President – Regulatory Operations
Tia Toms	Vice President – Administration
James O’Neil	Vice President and Director of Physical Security and Safety
Gregory Ziegler	Assistant Vice President and Associate Counsel
Kelly Fitzgerald	Assistant Vice President – Controller

2. Directors of MIAX PEARL, LLC [No change]

The following persons are the directors of the Exchange as of March 10, 2017:

Name	Classification	Term of Office	Type of Business
Thomas P. Gallagher	Industry	So long as CEO of the Company	Securities Exchange
Richard Herr	Industry/Member Representative	Class I – 2018	Managing Director – Sandler O’Neill & Partners, L.P.
Lawrence E. Jaffe	Non-Industry/Independent	Class I – 2018	Attorney
Mark I. Massad	Industry	Class I – 2018	CEO – Dana Holdings BOA, Ltd.
Robert D. Prunetti	Non-Industry/Independent	Class I – 2018	President and CEO – Mercer Regional Chamber of Commerce; President – Phoenix Ventures, LLC
William T. Bergman	Non-Industry/Independent	Class II – 2019	Vice President and Special Assistant to the President – Temple University
Lindsay L. Burbage	Non-Industry/Independent	Class II – 2019	Attorney
H. Dale Herring	Industry	Class II – 2019	Real Estate Development

Name	Classification	Term of Office	Type of Business
Benjamin Londergan	Industry/Member Representative	Class II – 2019	President – Dash Financial Technologies LLC
John E. McCormac	Non-Industry/Independent	Class II – 2019	Township Mayor – Woodbridge, New Jersey; Former New Jersey State Treasurer
Kurt M. Eckert	Industry	Class III – 2020	Partner – Wolverine Trading, LLC
Leslie Florio	Non-Industry/Independent	Class III – 2020	Board of Trustees – The Hun School of Princeton; President – Maxwell Place Condominium Association
Sebastiaan Koeling	Industry/Member Representative	Class III – 2020	Chief Executive Officer – Optiver US LLC
Cynthia Schwarzkopf	Non-Industry/Independent	Class III – 2020	Professional and Philanthropic Public Speaker

3. Committees of MIAX PEARL, LLC [No change]

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

COMPENSATION COMMITTEE	
Name	Classification
Cynthia Schwarzkopf (Chair)	Non-Industry/Independent
William T. Bergman	Non-Industry/Independent
Robert D. Prunetti	Non-Industry/Independent

AUDIT COMMITTEE	
Name	Classification
Robert D. Prunetti (Chair)	Non-Industry/Independent
John E. McCormac	Non-Industry/Independent
Cynthia Schwarzkopf	Non-Industry/Independent

REGULATORY OVERSIGHT COMMITTEE	
Name	Classification
Lindsay L. Burbage (Chair)	Non-Industry/Independent
Leslie Florio	Non-Industry/Independent
Lawrence E. Jaffe	Non-Industry/Independent

APPEALS COMMITTEE	
Name	Classification
Lawrence E. Jaffe (Chair)	Non-Industry/Independent
Kurt M. Eckert	Industry
Richard Herr	Industry/Member Representative

TECHNOLOGY COMMITTEE	
Name	Classification
Leslie Florio (Chair)	Non-Industry/Independent
Kurt M. Eckert	Industry
John E. McCormac	Non-Industry/Independent

EXHIBIT M

Exhibit Request:

Provide an alphabetical list of all members, subscribers or other users, including the following information:

1. **Name;**
2. **Date of election to membership or acceptance as a member, subscriber or other user;**
3. **Principal business address and telephone number;**
4. **If member, subscriber or other user is an individual, the name of the entity with which such individual is associated and the relationship of such individual to the entity (e.g. partner, officer, director, employee, etc.);**
5. **Describe the type of activities primarily engaged in by the member, subscriber, or other user (e.g. floor broker, specialist, odd lot dealer, other market maker, proprietary trader, non-broker dealer, inactive or other functions). A person shall be “primarily engaged” in an activity or function for purposes of this item when that activity or function is the one in which that person is engaged for the majority of their time. When more than one type of person at an entity engages in any of the six types of activities or functions enumerated in this item, identify each type (e.g. proprietary trader, Registered Competitive Trader and Registered Competitive Market Maker) and state the number of participants, subscribers, or other users in each; and**
6. **The class of membership, participation or subscription or other access.**

Response:

Attached is a list of the members of the Exchange as of May 1, 2017, including the information set forth in items 1-6 above.

MEMBER FIRMS

Total Firms 36

As of 01-May-17

ABN AMRO CLEARING CHICAGO LLC	Approval Date: 2/6/2017
175 West Jackson Blvd., Ste. 400	PEARL Membership Activities:
Chicago IL 60604 Tele #: (312) 604-8000	ELECTRONIC EXCH. MEMBER: CLEARANCE
AKUNA SECURITIES LLC	Approval Date: 4/17/2017
333 S. Wabash Avenue, Suite 2600	PEARL Membership Activities:
Chicago IL 60604 Tele #: (312) 994-4640	REGULAR MARKET MAKER
APEX CLEARING CORPORATION	Approval Date: 2/6/2017
350 N. St. Paul, Suite 1300	PEARL Membership Activities:
Dallas TX 75201 Tele #: (214) 765-1100	ELECTRONIC EXCH. MEMBER: CLEARANCE
BARCLAYS CAPITAL INC.	Approval Date: 2/6/2017
745 Seventh Avenue	PEARL Membership Activities:
New York NY 10019 Tele #: (212) 526-7000	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CITADEL SECURITIES LLC	Approval Date: 2/6/2017
131 South Dearborn Street	PEARL Membership Activities:
Chicago IL 60603 Tele #: (312) 395-2100	REGULAR MARKET MAKER/EEM: ORDER FLOW
CITI ORDER ROUTING AND EXECUTION, LLC	Approval Date: 2/6/2017
11 Ewall Street	PEARL Membership Activities:
Mt. Pleasant SC 29464 Tele #: (843) 789-2080	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
COMPASS PROFESSIONAL SERVICES, LLC	Approval Date: 2/6/2017
111 W. Jackson Blvd., 20th Fl.	PEARL Membership Activities:
Chicago IL 60604 Tele #: (312) 692-5000	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CONVERGEX EXECUTION SOLUTIONS LLC	Approval Date: 2/6/2017
1633 Broadway, 48th Floor	PEARL Membership Activities:
New York NY 10019 Tele #: (212) 486-7500	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CREDIT SUISSE SECURITIES (USA) LLC	Approval Date: 2/6/2017
11 Madison Avenue, 3rd Floor	PEARL Membership Activities:
New York NY 10010 Tele #: (212) 325-2000	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CUTLER GROUP, LP	Approval Date: 2/6/2017
101 Montgomery Street, Ste. 700	PEARL Membership Activities:
San Francisco CA 94104 Tele #: (415) 293-3956	REGULAR MARKET MAKER/EEM: ORDER FLOW
DASH FINANCIAL TECHNOLOGIES LLC	Approval Date: 2/6/2017
910 Van Buren Street, Ste. 400	PEARL Membership Activities:
Chicago IL 60607 Tele #: (847) 550-1730	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
DEUTSCHE BANK SECURITIES INC.	Approval Date: 2/6/2017
60 Wall Street	PEARL Membership Activities:
New York NY 10005 Tele #: (212) 250-2500	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
GLOBAL EXECUTION BROKERS, LP	Approval Date: 2/6/2017
401 City Avenue, Ste. 200	PEARL Membership Activities:
Bala Cynwyd PA 19004 Tele #: (610) 617-2600	ELECTRONIC EXCH. MEMBER: ORDER FLOW
GOLDMAN SACHS & CO. LLC	Approval Date: 2/6/2017
200 West Street	PEARL Membership Activities:
New York NY 10282 Tele #: (212) 902-1000	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
GROUP ONE TRADING LP	Approval Date: 2/6/2017
440 South La Salle, Ste. 3232	PEARL Membership Activities:
Chicago IL 60605 Tele #: (312) 347-8864	ELECTRONIC EXCH. MEMBER: ORDER FLOW

HILLTOP SECURITIES INC. 1201 Elm Street, Ste. 3500 Dallas TX 75270 Tele #: (214) 859-1800	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
HRT FINANCIAL LLC 32 Old Slip, 30th Floor New York NY 10005 Tele #: (212) 293-1444	Approval Date: 4/5/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
IMC-CHICAGO, LLC D/B/A IMC FINANCIAL MARKETS 233 South Wacker Drive, #4300 Chicago IL 60606 Tele #: (312) 244-3300	Approval Date: 2/6/2017 PEARL Membership Activities: REGULAR MARKET MAKER
INSTINET, LLC 309 West 49th Street New York NY 10019 Tele #: (212) 310-9500	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
INTERACTIVE BROKERS LLC One Pickwick Plaza, 2nd Fl. Greenwich CT 06830 Tele #: (203) 618-5710	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
ITG DERIVATIVES LLC 601 S. LaSalle, Ste. 300 Chicago IL 60605 Tele #: (312) 935-0125	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
J.P. MORGAN SECURITIES LLC 383 Madison Avenue New York NY 10179 Tele #: (201) 595-8471	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
JEFFERIES LLC 520 Madison Avenue New York NY 10022 Tele #: (212) 284-2300	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
KCG AMERICAS LLC 300 Vesey Street New York NY 10282 Tele #: (201) 386-2891	Approval Date: 2/6/2017 PEARL Membership Activities: REGULAR MARKET MAKER: ORDER FLOW/CLEARANCE
MERRILL LYNCH PROFESSIONAL CLEARING CORP. One Bryant Park, 6th Fl. New York NY 10036 Tele #: (646) 743-1295	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORAT One Bryant Park New York NY 10036 Tele #: (212) 449-1000	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
MORGAN STANLEY & CO. LLC 1585 Broadway New York NY 10036 Tele #: (212) 761-4000	Approval Date: 2/6/2017 PEARL Membership Activities: REGULAR MARKET MAKER: ORDER FLOW/CLEARANCE
OPTIVER US LLC 130 E. Randolph Street, Ste. 1300 Chicago IL 60601 Tele #: (312) 821-9500	Approval Date: 2/6/2017 PEARL Membership Activities: REGULAR MARKET MAKER
PERSHING LLC 1 Pershing Plaza, 10th Fl. Jersey City NJ 07399 Tele #: (201) 413-2000	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
SIMPLEX TRADING, LLC 230 So. LaSalle St., Ste. 4-100 Chicago IL 60604 Tele #: (312) 360-2440	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
UBS SECURITIES LLC 1285 Avenue of the Americas New York NY 10019 Tele #: (203) 719-3000	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
VOLANT LIQUIDITY, LLC 250 Vesey Street, Ste. 2601 New York NY 10281 Tele #: (646) 484-3000	Approval Date: 2/6/2017 PEARL Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW

WEDBUSH SECURITIES INC.	Approval Date: 2/6/2017
1000 Wilshire Boulevard, Suite 900	PEARL Membership Activities:
Los Angeles CA 90017 Tele #: (213) 688-8090	ELECTRONIC EXCH. MEMBER: CLEARANCE
WELLS FARGO SECURITIES, LLC	Approval Date: 2/6/2017
550 South Tryon Street, 6th Floor	PEARL Membership Activities:
Charlotte NC 28202 Tele #: (704) 715-6133	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
WOLVERINE EXECUTION SERVICES, LLC	Approval Date: 2/6/2017
175 W. Jackson Blvd., Ste. 200	PEARL Membership Activities:
Chicago IL 60604 Tele #: (312) 884-4000	ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
WOLVERINE TRADING, LLC	Approval Date: 2/6/2017
175 W. Jackson Blvd., Ste. 200	PEARL Membership Activities:
Chicago IL 60604 Tele #: (312) 884-3490	REGULAR MARKET MAKER