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Barbara J. Comly
General Counsel

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October 3, 2017

VIA FEDERAL EXPRESS

Jeannette Marshall
Division of Trading and Markets
Office of Market Supervision
Securities and Exchange Commission
100 F. Street, N.E.
Washington, D.C. 20549

SEC MAIL PROCESSING
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OCT 05 2017

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**Re: Miami International Securities Exchange, LLC ("MIAX")
Amendment 2017-13 to Form 1 Application**

Dear Ms. Marshall:

Enclosed for official filing pursuant to Rule 6a-2(a) are an original and two copies of Amendment 2017-13 to the Form 1 Application of MIAX, which includes the following changes:

- Exhibit C – Updated Officers of Miami International Holdings, Inc., and MIAX PEARL, LLC
- Exhibit J – Updated Officers
- Exhibit M – Updated Member List

Please do not hesitate to contact me if you have any questions in connection with this matter.

Very truly yours,

Barbara J. Comly
EVP, General Counsel & Corporate Secretary

Enclosures

cc: Marlene Olsen

Exhibit C

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:* Miami International Securities Exchange, LLC is a wholly-owned subsidiary of Miami International Holdings, Inc.
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, 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 & Interim Chief Information Security Officer
Matthew Rotella	Senior Vice President – Chief Technology Officer
Joseph W. Ferraro III	Senior Vice President – Associate General Counsel
Deborah Carroll	Senior Vice President – Associate General Counsel
Shawn Hughes	Vice President – Project Management
Amy Neiley	Vice President – Trading Operations and Listings
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

Name	Title
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 TECHNOLOGIES, LLC [No Change]

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 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

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.

C. 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.

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

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. MIAX PEARL, LLC [Updated]

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 [Updated]

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 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 & Interim 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
Shawn Hughes	Vice President – Project Management
Amy Neiley	Vice President – Trading Operations and Listings

Name	Title
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

Directors of MIAX PEARL, LLC [No Change]

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 [No Change]

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.

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 Miami International Securities Exchange, 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 & Interim 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

Name	Title
Joseph S. Bracco	Senior Vice President – Head of Sales
Shawn Hughes	Vice President – Project Management
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 the Exchange serve until their successors are appointed in accordance with the By-Laws of the Exchange. Officers of the Exchange serve at the direction of the Board of Directors.

2. **Directors of Miami International Securities Exchange, LLC** [No change]

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

<i>DIRECTORS</i>			
Name	Classification	Term of Office	Type of Business
Thomas P. Gallagher	Industry	So long as CEO of the Company	Securities Exchange
Joseph Sellitto	Industry/ERP	So long as qualified under Equity Rights Program	President & CEO – Global Execution Brokers, LP
Lindsay L. Burbage	Non-Industry/Independent	Class II – 2018	Attorney
Robert P. Castrignano	Industry	Class II – 2018	Principal – Equities Division – Sandler O’Neill & Partners, L.P.
John DiBacco, Jr.	Industry	Class II – 2018	Global Head of Equities Trading – KCG
John A. Kinahan	Industry/Member Representative	Class II – 2018	Chief Executive Officer – Group One Trading LP

DIRECTORS			
Name	Classification	Term of Office	Type of Business
John E. McCormac	Non-Industry/ Independent	Class II – 2018	Township Mayor – Woodbridge, New Jersey; Former New Jersey State Treasurer
William J. O'Brien IV	Non-Industry	Class II – 2018	Senior Vice President, Oil & Gas – O'Brien Energy Company, LLC
Michael P. Ameen	Non-Industry	Class III – 2019	Executive Vice President and Chief Financial Officer – O'Brien Resources, LLC
Marianne Deane	Non-Industry/ Independent	Class III – 2019	Community Volunteer
Kurt M. Eckert	Industry/Member Representative	Class III – 2019	Partner – Wolverine Trading, LLC
Leslie Florio	Non-Industry/ Independent	Class III – 2019	Board of Trustees – The Hun School of Princeton; President of the Maxwell Place Condominium Association
Paul Jiganti	Industry/Member Representative	Class III – 2019	Managing Director Options Business Development – IMC Financial Markets
Miguel Moratiel	Non-Industry	Class III – 2019	Manager – MDR Inversiones, S.L.
Robert D. Prunetti	Non-Industry/ Independent	Class III – 2019	President – Phoenix Ventures, LLC
Talal Jassim Al-Bahar	Industry	Class I – 2020	Chairman – IFA Hotels & Resorts; Vice Chairman – International Financial Advisors

DIRECTORS			
Name	Classification	Term of Office	Type of Business
Meaghan Dugan	Industry/Member Representative	Class I – 2020	Director and Head of the Derivatives Product Management Team – Global Execution Services – Bank of America Merrill Lynch
Lawrence E. Jaffe	Non-Industry/Independent	Class I – 2020	Attorney
Cynthia Schwarzkopf	Non-Industry/Independent	Class I – 2020	Professional and Philanthropic Public Speaker
J. Gray Teekell	Non-Industry/Independent	Class I – 2020	President – The Teekell Company, Inc.
OBSERVERS			
Guy Dowman	Industry	So long as qualified under Equity Rights Program	Vice President and Executive Director – Morgan Stanley
Michael Harrington	Industry	So long as qualified under Equity Rights Program	Head of Client Relationships – Citadel, LLC

3. **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	
Name	Classification
Robert D. Prunetti (Chair)	Non-Industry/Independent
Michael P. Ameen	Non-Industry
John E. McCormac	Non-Industry/Independent

COMPENSATION COMMITTEE	
Name	Classification
J. Gray Teekell (Chair)	Non-Industry/Independent
Robert D. Prunetti	Non-Industry/Independent
Cynthia Schwarzkopf	Non-Industry/ Independent

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

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

FINANCE COMMITTEE	
Name	Classification
Michael P. Ameen (Chair)	Non-Industry
Marianne Deane	Non-Industry/Independent
John E. McCormac	Non-Industry/Independent
J. Gray Teekell	Non-Industry/Independent

TECHNOLOGY COMMITTEE	
Name	Classification
Leslie Florio (Chair)	Non-Industry/Independent
Robert Castrignano	Industry
Marianne Deane	Non-Industry/Independent
Meaghan Dugan	Industry/Member Representative
Kurt M. Eckert	Industry/Member Representative
John A. Kinahan	Industry/Member Representative
John E. McCormac	Non-Industry/Independent
William J. O'Brien IV	Non-Industry
J. Gray Teekell	Non-Industry/Independent



MIX

Paper from
responsible sources

FSC® C014618

Exhibit M

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 October 2, 2017, including the information set forth in items 1-6 above.



MEMBER FIRMS

Total Firms 44

As of 02-Oct-17

ABN AMRO CLEARING CHICAGO LLC 175 West Jackson Blvd., Ste. 400 Chicago IL 60604 Tele #: (312) 604-8000	Approval Date: 3/7/2013 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
AKUNA SECURITIES LLC 333 S. Wabash Avenue, Suite 2600 Chicago IL 60604 Tele #: (312) 994-4640	Approval Date: 4/17/2017 MIAX Membership Activities: REGULAR MARKET MAKER
APEX CLEARING CORPORATION 350 N. St. Paul, Suite 1300 Dallas TX 75201 Tele #: (214) 765-1100	Approval Date: 11/18/2015 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
BARCLAYS CAPITAL INC. 745 Seventh Avenue New York NY 10019 Tele #: (212) 526-7000	Approval Date: 12/7/2012 MIAX Membership Activities: ALL MEMBERSHIPS
BMO CAPITAL MARKETS CORP. 3 Times Square, 27th Floor New York NY 10036 Tele #: (212) 885-4000	Approval Date: 10/10/2014 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
BNP PARIBAS SECURITIES CORP. 787 Seventh Avenue New York NY 10019 Tele #: (212) 841-2000	Approval Date: 4/21/2014 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CITADEL SECURITIES LLC 131 South Dearborn Street Chicago IL 60603 Tele #: (312) 395-2100	Approval Date: 12/7/2012 MIAX Membership Activities: PRIMARY LEAD & LEAD MARKET MAKER/EEM: ORDER FLOW
CITI ORDER ROUTING AND EXECUTION, LLC 11 Ewall Street Mt. Pleasant SC 29464 Tele #: (843) 789-2080	Approval Date: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
COMPASS PROFESSIONAL SERVICES, LLC 111 W. Jackson Blvd., 20th Fl. Chicago IL 60604 Tele #: (312) 692-5000	Approval Date: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CREDIT SUISSE SECURITIES (USA) LLC 11 Madison Avenue, 3rd Floor New York NY 10010 Tele #: (212) 325-2000	Approval Date: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
CUTLER GROUP, LP 101 Montgomery Street, Ste. 700 San Francisco CA 94104 Tele #: (415) 293-3956	Approval Date: 11/2/2015 MIAX Membership Activities: REGULAR MARKET MAKER/EEM: ORDER FLOW
DASH FINANCIAL TECHNOLOGIES LLC 311 S. Wacker Drive, Ste. 1000 Chicago IL 60606 Tele #: (847) 550-1730	Approval Date: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
DEUTSCHE BANK SECURITIES INC. 60 Wall Street New York NY 10005 Tele #: (212) 250-2500	Approval Date: 1/25/2013 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
DRW SECURITIES, L.L.C. 540 West Madison, Ste. 2500 Chicago NY 60661 Tele #: (312) 542-3231	Approval Date: 8/31/2015 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW

GLOBAL EXECUTION BROKERS, LP 401 City Avenue, Ste. 200 Bala Cynwyd PA 19004 Tele #: (610) 617-2600	Approval Date: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
GOLDMAN SACHS & CO. LLC 200 West Street New York NY 10282 Tele #: (212) 902-1000	Approval Date: 1/15/2013 MIAX Membership Activities: ALL MEMBERSHIPS
GROUP ONE TRADING LP 440 South La Salle, Ste. 3232 Chicago IL 60605 Tele #: (312) 347-8864	Approval Date: 10/20/2014 MIAX Membership Activities: ALL MARKET MAKER CLASSES/EEM: ORDER FLOW
HILLTOP SECURITIES INC. 1201 Elm Street, Ste. 3500 Dallas TX 75270 Tele #: (214) 859-1800	Approval Date: 2/8/2013 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
HRT FINANCIAL LLC 32 Old Slip, 30th Floor New York NY 10005 Tele #: (212) 293-1444	Approval Date: 3/29/2017 MIAX 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: 8/26/2014 MIAX Membership Activities: ALL MARKET MAKER CLASSES
INSTINET, LLC 309 West 49th Street New York NY 10019 Tele #: (212) 310-9500	Approval Date: 3/27/2013 MIAX 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: 12/7/2012 MIAX 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: 12/7/2012 MIAX 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: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
JEFFERIES LLC 520 Madison Avenue New York NY 10022 Tele #: (212) 284-2300	Approval Date: 9/15/2014 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
MERRILL LYNCH PROFESSIONAL CLEARING CORP. One Bryant Park, 6th Fl. New York NY 10036 Tele #: (646) 743-1295	Approval Date: 12/7/2012 MIAX 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: 12/7/2012 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
MORGAN STANLEY & CO. LLC 1585 Broadway New York NY 10036 Tele #: (212) 761-4000	Approval Date: 12/7/2012 MIAX Membership Activities: ALL MEMBERSHIPS
OPTIVER US LLC 130 E. Randolph Street, Ste. 1300 Chicago IL 60601 Tele #: (312) 821-9500	Approval Date: 1/27/2015 MIAX Membership Activities: REGULAR MARKET MAKER
PEAK6 CAPITAL MANAGEMENT LLC 141 W. Jackson Blvd., Ste. 500 Chicago IL 60604 Tele #: (312) 444-8700	Approval Date: 7/22/2015 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
PERSHING LLC 1 Pershing Plaza, 10th Fl. Jersey City NJ 07399 Tele #: (201) 413-2000	Approval Date: 3/12/2013 MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE

QUANTLAB SECURITIES, LP	Approval Date: 4/7/2015
Three Greenway Plaza Houston TX 77046 Tele #: (713) 333-5440	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
SIMPLEX TRADING, LLC	Approval Date: 9/20/2013
230 So. LaSalle St., Ste. 4-100 Chicago IL 60604 Tele #: (312) 360-2440	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW
SUSQUEHANNA INVESTMENT GROUP	Approval Date: 11/23/2016
401 City Avenue, Ste. 201 Bala Cynwyd PA 19004 Tele #: (610) 617-2600	MIAX Membership Activities: REGULAR MARKET MAKER
SUSQUEHANNA SECURITIES	Approval Date: 12/7/2012
401 City Avenue, Ste. 220 Bala Cynwyd PA 19004 Tele #: (610) 617-2600	MIAX Membership Activities: PRIMARY LEAD & LEAD MARKET MAKER
TWO SIGMA SECURITIES, LLC	Approval Date: 9/12/2017
101 Avenue of the Americas, 19th Fl. New York NY 10013 Tele #: (212) 625-5700	MIAX Membership Activities: PRIMARY LEAD & LEAD MARKET MAKER/EEM: ORDER FLOW
UBS SECURITIES LLC	Approval Date: 12/7/2012
1285 Avenue of the Americas New York NY 10019 Tele #: (203) 719-3000	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
VIRTU AMERICAS LLC	Approval Date: 12/7/2012
300 Vesey Street New York NY 10282 Tele #: (201) 386-2891	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
VOLANT LIQUIDITY, LLC	Approval Date: 5/31/2013
250 Vesey Street, Ste. 2601 New York NY 10281 Tele #: (646) 484-3000	MIAX Membership Activities: ALL MARKET MAKER CLASSES/EEM: ORDER FLOW
WALLEYE TRADING LLC	Approval Date: 5/13/2015
2800 Niagara Lane North Plymouth MN 55447 Tele #: (952) 345-6611	MIAX Membership Activities: REGULAR MARKET MAKER/EEM: ORDER FLOW
WEDBUSH SECURITIES INC.	Approval Date: 12/7/2012
1000 Wilshire Boulevard, Suite 900 Los Angeles CA 90017 Tele #: (213) 688-8090	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: CLEARANCE
WELLS FARGO SECURITIES, LLC	Approval Date: 4/11/2014
550 South Tryon Street, 6th Floor Charlotte NC 28202 Tele #: (704) 715-6133	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
WOLVERINE EXECUTION SERVICES, LLC	Approval Date: 12/7/2012
175 W. Jackson Blvd., Ste. 200 Chicago IL 60604 Tele #: (312) 884-4000	MIAX Membership Activities: ELECTRONIC EXCH. MEMBER: ORDER FLOW/CLEARANCE
WOLVERINE TRADING, LLC	Approval Date: 12/7/2012
175 W. Jackson Blvd., Ste. 200 Chicago IL 60604 Tele #: (312) 884-3490	MIAX Membership Activities: PRIMARY LEAD & LEAD MARKET MAKER