April 17, 2020

Via Federal Express

Ms. Jeanette Marshall
Securities and Exchange Commission
100 F Street, N.E.
Mail Stop 7010
Washington, DC 20549-0001

Re: ***Cboe BYX Exchange, Inc.***
Form 1 Amendment

Dear Jeanette:

On behalf of Cboe BYX Exchange, Inc. (the "Exchange"), and in connection with the Cboe Form 1 that is on file with the Securities and Exchange Commission ("Commission"), enclosed please find one original and two copies of the Execution Page to Form 1 as well as the following exhibits[1]:

- Exhibit C (updated to reflect list of Directors and Committee Members);
- Exhibit J (updated to reflect any changes in names, titles, positions or term commencement dates and types of business of Officers and Directors);

This amendment is filed in accordance with SEC Rule 6a-2 and is intended to replace Exhibits C & J currently on file with the Commission. Please do not hesitate to contact me if you have any questions or require anything further.

Sincerely,

Kyle Murray

Kyle Murray
VP, Associate General Counsel
913-815-7121
Signature executed at 2:00pm on 04/17/20

Enclosures

[1] See Attachment for a comprehensive list of updates to Exhibits C & J

Attachment

Summary of changes made to Exhibit C:

- Cole Chmielewski was added as an officer on Cboe Bats, LLC, Cboe BZX Exchange, Inc., Cboe EDGA Exchange, Inc., Cboe EDGX Exchange, Inc., Cboe C2 Exchange, Inc., Cboe Exchange, Inc., and Cboe Futures Exchange, LLC
- Gina DeRaimo was added as an officer on Cboe Bats, LLC
- Gerald Hanweck was added as an officer on Cboe Bats, LLC
- David Howson was added as an officer on Cboe Bats, LLC
- Michael Izhaky was added as an officer on Cboe Bats, LLC
- Matt McFarland was added as an officer on Cboe Bats, LLC
- Emily Mitchell was added as an officer on Cboe Bats, LLC, Cboe BZX Exchange, Inc., Cboe EDGA Exchange, Inc., Cboe EDGX Exchange, Inc., Cboe C2 Exchange, Inc., Cboe Exchange, Inc., Cboe Futures Exchange, LLC, Cboe SEF, LLC, Bats Global Markets Holdings, Inc., Cboe, LLC, Cboe III, LLC, Cboe Building Corporation, Cboe Data Services, LLC, Cboe ETF.com, Inc., Cboe FX Holdings, LLC, Cboe FX Services, LLC, Cboe Global Indices, LLC, Cboe Livevol, LLC, Cboe Silexx, LLC, Cboe Vest, LLC, Digital Asset Benchmark Administration, LLC, Direct Edge LLC, Hanweck Associates, LLC, Loan Markets, LLC, and Omicron Acquisition Corp.
- Lindsey Praechter was added as an officer on Cboe Bats, LLC
- Jonathan Weinberg was added as an officer on Cboe Bats, LLC, Cboe FX Markets, LLC

Summary of changes made to Exhibit J:

- Cole Chmielewski was added as an officer
- Emily Mitchell was added as an officer

Based upon relief from the Commission staff and difficulties arising from COVID-19, we are making this filing without notarization. This document has been signed electronically.

Form 1 Page 1 Execution Page	**U.S. 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) **04/17/20**	OFFICIAL USE ONLY

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 to 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

1. State the name of the applicant: Cboe BYX Exchange, Inc.

2. Provide the applicant's primary street address (Do not use a P.O. Box):
400 South LaSalle Street
Chicago, Illinois 60605

20012035

3. Provide the applicant's mailing address (if different):

4. Provide the business telephone and facsimile number:
(913) 815-7000 (913) 815-7119
(Telephone) (Facsimile)

5. Provide the name, title and telephone number of a contact employee:
Kyle Murray VP, Associate General Counsel, Cboe BYX Exchange, Inc. (913) 815-7121
(Name) (Title) (Telephone Number)

6. Provide the name and address of counsel for the applicant:
Pat Sexton
400 S. LaSalle Street
Chicago, IL 60605

7. Provide the date that applicant's fiscal year ends: December 31

8. Indicate legal status of the applicant: __X__ Corporation _____ Sole Partnership _____ 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): 11/01/07 (b) State/Country of formation: Delaware/United States of America
(c) Statute under which applicant was organized: General Corporation Law of the State of Delaware

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 statement 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.

Date: 04/17/20 Cboe BYX Exchange, Inc.
(MM/DD/YY) (Name of Applicant)

By: Kyle Murray [signature executed at 2:00pm on 04/17/20] Kyle Murray, VP, Associate General Counsel
(Signature) (Printed Name and Title)

Subscribed and sworn before me this see header day of see header, see header by see header
(Month) (Year) (Notary Public)

My Commission expires see header County of see header State of see header

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: Please see below responses for the following entities:

A. Bats Global Markets Holdings, Inc.

1. *Name*: Bats Global Markets Holdings, Inc.
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on June 29, 2007.

4. *Brief description of nature and extent of affiliation*: Cboe Bats, LLC owns 100% of the membership interests of Bats Global Markets Holdings, Inc. Bats Global Markets Holdings, Inc. is the Exchange's 100% owner.

5. *Brief description of business or functions*: Bats Global Markets Holdings, Inc. is an intermediate holding company.

6. *Copy of constitution*: Not applicable.

7. Copy of articles of incorporation or association and amendments: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jen Browning (Vice President)
   - Jill Griebenow (Vice President)
   - Bryan Harkins (Vice President)
   - Chris Isaacson (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

B. Direct Edge LLC

1. *Name*: Direct Edge LLC
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on December 31, 2014. Was converted from Direct Edge, Inc., a Delaware corporation, on December 31, 2014.

4. *Brief description of nature and extent of affiliation*: Cboe Bats, LLC owns 100% of the membership interests of Direct Edge LLC.

5. *Brief description of business or functions:* Direct Edge LLC is an intermediate holding company. Direct Edge LLC is the sole shareholder of Cboe EDGA Exchange, Inc. and Cboe EDGX Exchange, Inc.

6. *Copy of constitution*: Not applicable.

7. Copy of articles of incorporation or association and amendments: No changes.

8. Copy of existing by-laws or corresponding rules or instruments: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - None

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President)
   - Bryan Harkins (Vice President)
   - Chris Isaacson (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

C. Cboe BZX Exchange, Inc.

1. *Name*: Cboe BZX Exchange, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on November 1, 2007.

4. *Brief description of nature and extent of affiliation*: Cboe BZX Exchange, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.

5. *Brief description of business or functions*: Cboe BZX Exchange, Inc. operates as a registered national securities exchange pursuant to Section 6 of the Act.

6. *Copy of constitution*: Not applicable.

7. Copy of articles of incorporation or association and amendments: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bruce Andrews
   - Kevin Murphy
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (VP, Software Engineering)
   - Arianne Criqui (SVP, Head of Options and Business Development)
   - Eric Crampton (SVP, CTO)
   - Gina DeRaimo (VP, Derivatives Institute)

- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

<u>Standing Committees</u>

<u>Executive Committee</u>

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

D. Cboe EDGA Exchange, Inc.

1. *Name*: Cboe EDGA Exchange, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Formed in Delaware under the General Corporation Law of the State of Delaware on March 9, 2009.

4. *Brief description of nature and extent of affiliation*: Cboe EDGA Exchange, Inc. is an indirect wholly-owned subsidiary of Cboe Global Markets, Inc., the Exchange's ultimate parent.

5. *Brief description of business or functions:* Cboe EDGA Exchange, Inc. operates a registered national securities exchange pursuant to Section 6 of the Act.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments:* No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bruce Andrews
   - Kevin Murphy
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (VP, Software Engineering)
   - Arianne Criqui (SVP, Head of Options and Business Development)
   - Eric Crampton (SVP, CTO)
   - Gina DeRaimo (VP, Derivatives Institute)

- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

<u>Standing Committees</u>

<u>Executive Committee</u>

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

E. Cboe EDGX Exchange, Inc.

1. *Name*: Cboe EDGX Exchange, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Formed in Delaware under the General Corporation Law of the State of Delaware on March 9, 2009.

4. *Brief description of nature and extent of affiliation*: Cboe EDGX Exchange, Inc. is an indirect wholly-owned subsidiary of Cboe Global Markets, Inc., the Exchange's ultimate parent.

5. *Brief description of business or functions:* Cboe EDGX Exchange, Inc. operates a registered national securities exchange pursuant to Section 6 of the Act.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments:* No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bruce Andrews
   - Kevin Murphy
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (VP, Software Engineering)
   - Arianne Criqui (SVP, Head of Options and Business Development)
   - Eric Crampton (SVP, CTO)
   - Gina DeRaimo (VP, Derivatives Institute)

- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
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- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
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- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
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<u>Standing Committees</u>

<u>Executive Committee</u>

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

F. Cboe Exchange, Inc.

1. *Name*: Cboe Exchange, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

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), February 8, 1972.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe Exchange, Inc. is a registered national securities exchange.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments:* No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bruce Andrews
   - Kevin Murphy
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (VP, Software Engineering)
   - Arianne Criqui (SVP, Head of Options and Business Development)
   - Eric Crampton (SVP, CTO)
   - Gina DeRaimo (VP, Derivatives Institute)
   - John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)

- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
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- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

<u>Standing Committees</u>

<u>Executive Committee</u>

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- David Roscoe

- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

Indemnity Committee

- Ed Tilly

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

G. Cboe C2 Exchange, Inc.

1. *Name*: Cboe C2 Exchange, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

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), July 21, 2009.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe C2 Exchange, Inc. is a registered national securities exchange.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bruce Andrews
   - Kevin Murphy
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (VP, Software Engineering)
   - Arianne Criqui (SVP, Head of Options and Business Development)
   - Eric Crampton (SVP, CTO)
   - Gina DeRaimo (VP, Derivatives Institute)

- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

<u>Standing Committees</u>

<u>Executive Committee</u>

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

H. Cboe Trading, Inc.

1. *Name*: Cboe Trading, Inc.
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on June 16, 2005.

4. *Brief description of nature and extent of affiliation*: Cboe Trading, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.

5. *Brief description of business or functions*: Cboe Trading, Inc. is a broker-dealer registered as such with the Securities and Exchange Commission and a member of the Financial Industry Regulatory Authority and other self-regulatory organizations. Cboe Trading, Inc. provides routing of orders from the Exchange Cboe BYX Exchange, Inc., Cboe EDGA Exchange, Inc. and Cboe EDGX Exchange, Inc. to other securities exchanges, facilities of securities exchanges, automated trading systems, electronic communication networks or other broker-dealers.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Chris Isaacson
   - Brian Schell

   Current Officers
   - Jackie Hancock (FINOP, Treasurer)
   - Bryan Upp (Chief Compliance Officer)
   - Troy Yeazel (President)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

I. Omicron Acquisition Corp.

1. *Name*: Omicron Acquisition Corp.
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on February 7, 2011.

4. *Brief description of nature and extent of affiliation*: Omicron Acquisition Corp. is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Omicron Acquisition Corp. is an intermediate holding company of Cboe Worldwide Holdings Limited.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

J. Cboe FX Holdings, LLC

1. *Name*: Cboe FX Holdings, LLC
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on May 15, 2000.

4. *Brief description of nature and extent of affiliation*: Cboe FX Holdings, LLC is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe FX Holdings, LLC is an intermediate holding company of Cboe FX Markets, LLC, Cboe FX Services, LLC, and Cboe SEF, LLC.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - None

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President)
   - Bryan Harkins (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

K. Cboe FX Markets, LLC

1. *Name*: Cboe FX Markets, LLC
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation:* Formed in New Jersey under Section 42 of the Limited Liability Company Act of the State of New Jersey on August 7, 2001.

4. *Brief description of nature and extent of affiliation*: Cboe FX Markets, LLC is wholly-owned by Cboe FX Holdings, LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe FX Markets, LLC operates an institutional spot foreign exchange market.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - None

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Chief Compliance Officer)
   - Eric Crampton (SVP, CTO)
   - John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
   - James Enstrom (SVP, Chief Audit Executive)
   - Todd Furney (Chief Risk Officer)
   - Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
   - Jill Griebenow (SVP & Chief Accounting Officer)
   - Jackie Hancock (VP, Controller)
   - Bryan Harkins (EVP, Head of Markets Division)
   - Greg Hoogasian (SVP, Chief Regulatory Officer)
   - Chris Isaacson (EVP)
   - Stephanie Marrin Lara (Deputy Chief Regulatory Officer)
   - Andrew Lowenthal (EVP, International Expansion)
   - Brian Schell (EVP, CFO and Treasurer)
   - J. Patrick Sexton (EVP, General Counsel, and Secretary)

- Lisa Shemie (VP, Associate General Counsel and Cboe FX Chief Legal Officer)
- Jonathan Weinberg (Vice President, Head of FX)
- Aaron Weissenfluh (VP, CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

L. Cboe FX Services, LLC

1. *Name*: Cboe FX Services, LLC
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation:* Formed in New Jersey under Section 42 of the Limited Liability Company Act of the State of New Jersey on November 22, 2004.

4. *Brief description of nature and extent of affiliation*: Cboe FX Services, LLC is wholly-owned by Cboe FX Holdings, LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe FX Services, LLC operates an institutional spot foreign exchange market.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - None

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President)
   - Bryan Harkins (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Andrew Lowenthal (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.

M. Cboe FX Europe Limited

1. *Name*: Cboe FX Europe Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales under the Companies Act 1985 on February 5, 2015.

4. *Brief description of nature and extent of affiliation*: Cboe FX Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe FX Europe Limited operates an institutional spot foreign exchange market.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Dave Howson

   Current Officers
   - Antonio Amelia (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

N. Cboe FX Asia Pte. Limited

1. *Name*: Cboe FX Asia Pte. Limited
   Address: 16 Collyer Quay, #2104, Sixteen Collyer Quay, Singapore (049318)

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Singapore under the Companies Act (Cap. 50) on February 23, 2015.

4. *Brief description of nature and extent of affiliation*: Cboe FX Asia Pte. Limited is wholly-owned by Cboe Worldwide Holdings Limited which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe FX Asia Pte. Limited operates an institutional spot foreign exchange market.

6. *Copy of constitution*: No changes.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Ng Lip Chih (Singapore Nominee)

   Current Officers
   - Ed Tilly (President)
   - Ang Yee Koon Daphne, Secretary (Allen & Gledhill)
   - Tan Zhe Lei, Secretary (Allen & Gledhill)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

O. Cboe Europe Limited

1. *Name*: Cboe Europe Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales under the Companies Act 1985 on March 28, 2008.

4. *Brief description of nature and extent of affiliation*: Cboe Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe Europe Limited is recognized as a Recognized Investment Exchange in the United Kingdom under the Financial Services and Markets Act 2000 ("FSMA"). It operates a platform for trading of European equity securities.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Richard Balarkas
   - Julian Corner
   - Angelo Evangelou
   - Rebecca Fuller
   - Ted Hood
   - Dave Howson
   - Kristian West
   - John Woodman

   Current Officers
   - Dave Howson (Chief Executive Officer)
   - Antonio Amelia (Secretary)
   - Jerry Avenell (Co-Head Sales)
   - Alex Dalley (Co-Head Sales)
   - Adam Eades (Chief Legal Officer)
   - Tim Lipscomb (Chief Operations Officer)
   - Stephanie Renner (CFO)

Standing Committees

Audit, Risk and Compliance Committee
- Richard Balarkas
- Rebecca Fuller
- Ted Hood

Remuneration Committee
- Rebecca Fuller
- Kristian West
- John Woodman

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

P. Cboe Chi-X Europe Limited

1. *Name*: Cboe Chi-X Europe Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales.

4. *Brief description of nature and extent of affiliation*: Cboe Chi-X Europe Limited is wholly-owned by Cboe Europe Limited which, in turn, is indirectly wholly owned by Bats Global Markets, Inc.

5. *Brief description of business or functions*: Cboe Chi-X Europe Limited is authorized in the United Kingdom under the Financial Services and Markets Act 2000 ("FSMA"), as an investment firm. Between April 30, 2012 and May 20, 2013 it was a dormant company. Since May 20, 2013, Cboe Chi-X Europe Limited operates the smart order router that is needed for the routing strategies deployed by Cboe Europe Limited. As of November 2018 this company remains dormant.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Adam Eades
   - Dave Howson
   - John Woodman

   Current Officers
   - Dave Howson (Chief Executive Officer)
   - Antonio Amelia (Secretary)
   - Adam Eades (Chief Legal and Regulatory Officer)
   - Stephanie Renner (Chief Financial Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

Q. Cboe ETF.com, Inc.

1. *Name*: Cboe ETF.com, Inc.
   Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214

2. *Form of organization*: Corporation.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on March 28, 2016.

4. *Brief description of nature and extent of affiliation*: Cboe ETF.com, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.

5. *Brief description of business or functions*: Cboe ETF.com, Inc. is a media company providing ETF data, news and analysis.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Brent Coonrod (Vice President)
   - Eric Crampton (Vice President)
   - Jennifer Golding (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Bryan Harkins (Vice President)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Laura Morrison (Vice President)
   - Dave Nadig (Senior Director, Content and ETF)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

R. IndexPubs S.A.

1. *Name*: IndexPubs S.A.
   Address: Almagro Plaza, Ste. 508, Pedro Ponce Carrasco, E8-06 y Diego de Almagro, 170516 – Quito, Ecuador

2. *Form of organization*: Corporation (Soceidad Anonima or S.A.).

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Ecuador on January 15, 2008.

4. *Brief description of nature and extent of affiliation*: IndexPubs S.A. is owned 0.1% by Fernando Rivera and 99.9% by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions*: IndexPubs S.A. is a media company providing ETF data, news and analysis.

6. *Copy of constitution*: No changes.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors

   Current Officers
   - Patricia Hidalgo (General Manager)
   - Dave Nadig (President)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

S. Cboe SEF, LLC

1. *Name*: Cboe SEF, LLC
   Address: 17 State Street, 31st Floor, New York, NY 10004

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on April 19, 2012.

4. *Brief description of nature and extent of affiliation*: Cboe SEF, LLC is wholly-owned by Cboe FX Holdings LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe SEF, LLC is a swap execution facility registered with the Commodity Futures Trading Association, which will soon list non-deliverable foreign exchange forwards for trading.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Senior Vice President and Chief Compliance Officer)
   - Jennifer Browning (Vice President, Human Resources)
   - Gary Compton (Vice President, Corporate Communications)
   - Eric Crampton (SVP, CTO)
   - John Deters (EVP, Chief Strategy Officer)
   - James Enstrom (Senior Vice President & Chief Audit Executive)
   - Angelo Evangelou (SVP, Market Policy & Government Affairs)
   - Todd Furney (VP, and Chief Risk Officer)
   - Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
   - Jill Griebenow (SVP & Chief Accounting Officer)
   - Jackie Hancock (Vice President & Controller)
   - Bryan Harkins (Executive Vice President, Head of Markets Division)
   - Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
   - Dave Howson (EVP & President, Cboe Europe)
   - Chris Isaacson (Executive Vice President & COO)
   - Carol Kennedy (SVP, Marketing & Communications)
   - Andrew Lowenthal (Executive Vice President, International Expansion)

- Stephanie Marrin Lara (Vice President and Deputy Chief Regulatory Officer)
- Emily Mitchell (Vice President, Tax)
- Paul Reidy (Vice President, FX Chief Operating Officer)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Brian Schell (Executive Vice President, Chief Financial Officer & Treasurer)
- Lisa Shemie (Vice President, Associate General Counsel & Cboe SEF Chief Legal Officer)
- Aaron Weissenfluh (Vice President & Chief Information Security Officer)

Managers

- Ed Tilly
- Michael Gorham
- James Parisi
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

T. Cboe Worldwide Holdings Limited

1. *Name*: Cboe Worldwide Holdings Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales under the Companies Act 2006 on November 9, 2016.

4. *Brief description of nature and extent of affiliation*: Cboe Worldwide Holdings Limited is wholly-owned by Omicron Acquisition Corp., which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe Worldwide Holdings Limited is an intermediate holding company of Cboe Europe Limited, Cboe Hong Kong Limited, Cboe UK Limited, Cboe FX Asia Pte. Limited, and IndexPubs S.A.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Dave Howson

   Current Officers
   - Antonio Amelia (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

U. Cboe Global Markets, Inc.

1. *Name*: Cboe Global Markets, Inc.
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

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), August 15, 2006.

4. *Brief description of nature and extent of affiliation*: Cboe Bats, LLC is a wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Holding company.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments:* No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Frank English
   - William Farrow
   - Janet Froetscher
   - Jill Goodman
   - Roderick Palmore
   - James Parisi
   - Joe Ratterman
   - Michael Richter
   - Jill Sommers
   - Carole Stone
   - Eugene Sunshine
   - Fredric Tomczyk

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
   - Jill Griebenow (SVP & Chief Accounting Officer)
   - Bryan Harkins (EVP, Head of Markets Division)
   - Dave Howson (EVP, President Europe)
   - Chris Isaacson (EVP and COO)

- Brian Schell (EVP, and CFO)
- J. Patrick Sexton (EVP, General Counsel and Corporate Secretary)

Compensation Committee
- Frank English
- Janet Froetscher
- Edward Fitzpatrick
- James Parisi

Audit Committee
- William Farrow
- Carole Stone
- Michael Richter
- James Parisi

Nominating and Governance Committee
- Frank English
- Jill Goodman
- Roderick Palmore
- Carole Stone
- Janet Froetscher

Finance and Strategy Committee
- Frank English
- Jill Goodman
- Joe Ratterman
- Roderick Palmore
- Jill Sommers

Risk Committee
- William Farrow
- Edward Fitzpatrick
- Janet Froetscher
- Michael Richter
- Carole Stone

Indemnity Committee
- Ed Tilly

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

V. Cboe Futures Exchange, LLC

1. *Name*: Cboe Futures Exchange, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), July 16, 2002.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe Futures Exchanges, LLC is a designated contract market (DCM) approved by the Commodity Futures Trading Commission in August 2003. Cboe Futures Exchange, LLC is a fully electronic futures exchange.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Gilbert Bassett, Jr.
   - Michael Gorham
   - James Parisi
   - Jill Sommers

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP and Chief Compliance Officer)
   - Jennifer Browning (VP, Human Resources)
   - Kevin Carrai (Vice President, Connectivity, Data & Member Services)
   - Cole Chmielewski (Vice President, Operations)
   - Catherine Clay (SVP, Business Development)
   - Gary Compton (VP, Corporate Communications)
   - Eric Crampton (SVP, CTO)
   - Arianne Criqui (SVP, Head of Options and Global Client Services)
   - John Deters (Executive Vice President, Chief Strategy Officer)
   - James Enstrom (Senior Vice President & Chief Audit Executive)

- Todd Furney (Vice President and Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel & Chief Litigation Officer)
- Jill Griebenow (Senior Vice President & Chief Accounting Officer)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Executive Vice President, Head of Markets Division
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
- Dave Howson (EVP and President, Cboe Europe)
- Chris Isaacson (Executive Vice President, CFE Senior Managing Director, & COO)
- Carol Kennedy (SVP, Marketing and Communications)
- Jennifer Lamie (VP & Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP & Deputy Chief Reg Officer)
- Andrew Lowenthal (Executive Vice President, International Expansion, and CFE Senior Managing Director)
- Matthew McFarland (VP, Head of Futures and CFE Managing Director)
- Michael Mollet (VP, MAS Product Development)
- Emily Mitchell (Vice President, Tax)
- Arthur Reinstein (Senior Vice President, Deputy General Counsel & CFE Chief Legal Officer)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Brian Schell (Executive Vice President, Chief Financial Officer & Treasurer)
- Aaron Weissenfluh (Vice President & Chief Information Security Officer)
- Troy Yeazel (Senior Vice President, U.S. Operations and CFE Managing Director)

<u>Standing Committees</u>

<u>Executive</u>
- Ed Tilly
- Michael Gorham

<u>Regulatory Oversight Committee</u>
- Michael Gorham
- Gilbert Bassett
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

W. Cboe Building Corporation

1. *Name*: Cboe Building Corporation
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

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), August 8, 1980.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Owns facility used by Cboe Global Markets, Inc.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Marc Magrini (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

X. Cboe, LLC

1. *Name*: Cboe, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), August 22, 2001.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe, LLC is a limited liability company member of OneChicago, LLC.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Catherine Clay (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

Y. Cboe III, LLC

1. *Name*: Cboe III, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), May 2, 2014.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Holding company for investment in Tradelegs, LLC.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - John Deters
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - John Deters (Vice President)
   - Jill Griebnow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

Z. Cboe Bats, LLC

1. *Name*: Cboe Bats, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), September 25, 2016.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions*: Holding company.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell
   - Chris Isaacson

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (SVP, Chief Compliance Officer)
   - Lawrence Bresnahan (VP, Market & Member Regulation)
   - Jen Browning (VP, Head of Human Resources)
   - Kevin Carrai (VP, Market Data and Access Services)
   - Cole Chmielewski (VP, Operations)
   - Catherine Clay (SVP, Information Solutions)
   - Gary Compton (VP, Corporate Communications)
   - Jeff Connell (VP, Deputy Chief Regulatory Officer)
   - Brent Coonrod (Vice President, Software Engineering)
   - Eric Crampton (SVP, CTO)
   - Arianne Criqui (SVP, Head od Options and Business Development)
   - Gina DeRaimo (VP, Cboe Derivatives Institute)
   - John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
   - Laura Dickman (VP, Associate General Counsel)
   - James Enstrom (SVP, Chief Audit Executive) Bats

- Angelo Evangelou (SVP, Market Policy and Government Affairs)
- Carmen Frazier Brannan (VP, Government Relations)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- Gerald Hanweck (Vice President, Technology)
- Bryan Harkins (EVP, Head of Markets Division)
- John Hiatt (VP, Product Development)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, Chief Regulatory Officer)
- David Howson (EVP and President, Europe)
- Chris Isaacson (EVP, Chief Operating Officer)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Michael Izhaky (Vice President, Head of Capital Effectiveness)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (VP, Chief Communications Officer)
- Deborah Koopman (VP, Investor Relations)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Stephanie Marrin Lara (VP, Deputy Chief Regulatory Officer)
- Matt McFarland (Vice President, Derivatives - Head of Futures)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Membership Services)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulations)
- Lindsey Praechter (Vice President, Marketing)
- Arthur Reinstein (SVP, Deputy General Counsel)
- Brian Schell (EVP, Chief Financial Officer and Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (EVP, General Counsel and Corporate Secretary)
- Lisa Shemie (VP, Associate General Counsel, Cboe FX and Cboe SEF Chief Legal Officer)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Jonathan Weinberg (Vice President, Head of FX)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

AA. Cboe Livevol, LLC

1. *Name*: Cboe Livevol, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), May 29, 2015.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe Livevol, LLC provides equity and index options technology for professional and retail traders, which includes options strategy backtesting, trade analysis and volatility modeling technologies and historical data.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Andrew Lowenthal
   - John Deters
   - Catherine Clay

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Chief Compliance Officer)
   - Brent Coonrod (Vice President)
   - Catherine Clay (Vice President)
   - Eric Crampton (Vice President)
   - John Deters (Vice President)
   - James Enstrom (Vice President, Chief Audit Executive)
   - Todd Furney (Chief Risk Officer)
   - Jennifer Golding (Vice President)
   - Jill Griebnow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Andrew Lowenthal (Vice President)

- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Vice President, CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

BB. Cboe UK Limited

1. *Name*: Cboe UK Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Limited Company.

3. *Name of state, statute under which organized and date of incorporation*: England and Wales, Companies Act 2006, March 10, 2016.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Marketing and business development services.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Dave Howson

   Current Officers
   - None

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

CC. Cboe Vest, LLC

1. *Name*: Cboe Vest, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), December 10, 2015.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Holding company of majority equity investment in Eris Inc.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - John Deters
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Catherine Clay (Vice President)
   - John Deters (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

DD. Loan Markets, LLC

1. *Name*: Loan Markets, LLC
   Address: 400 S. LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), May 11, 2015.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Holding company for investment in American Financial Exchange, LLC.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - John Deters
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - John Deters (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Andrew Lowenthal (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

EE. Cboe Data Services, LLC

1. *Name*: Cboe Data Services, LLC
   Address: 400 South LaSalle Street Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), February 21, 2006.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe Data Services, LLC sells market data.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Bryan Harkins
   - Brian Schell

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Chief Compliance Officer)
   - Kevin Carrai (Vice President)
   - Catherine Clay (Vice President)
   - Eric Crampton (Vice President)
   - James Enstrom (Chief Audit Executive)
   - Todd Furney (Chief Risk Officer)
   - Jennifer Golding (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Bryan Harkins (Vice President)
   - Chris Isaacson (Vice President)
   - Andrew Lowenthal (Vice President)
   - Emily Mitchell (Vice President)
   - Jim Roche (Vice President)

- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

FF. Signal Trading Systems, LLC

1. *Name*: Signal Trading Systems, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), May 13, 2010.

4. *Brief description of nature and extent of affiliation*: Fifty percent (50%) subsidiary of Cboe Exchange, Inc.

5. *Brief description of business or functions:* Signal Trading Systems, LLC developed and markets a multi-asset front-end order entry system known as "Pulse".

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*: There are no directors or officers of Signal Trading Systems, LLC.

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

GG. Cboe Vest Group, Inc.

1. *Name*: Cboe Vest Group, Inc.
   Address: 8300 Greensboro Drive, 8th Floor, McLean, VA 22102

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), January 2, 2015.

4. *Brief description of nature and extent of affiliation*: Majority-owned subsidiary of Cboe Vest, LLC.

5. *Brief description of business or functions:* Through its subsidiaries, provides options-based investment advisory services.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: No changes.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - John Deters
   - Karan Sood
   - Catherine Clay

   Current Officers
   - Karan Sood (Chief Executive Officer)
   - Jeffrey Chang (Chief Financial Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable

HH. Cboe Hong Kong Limited

1. *Name*: Cboe Hong Kong Limited
   Address: 66th Floor, The Center, 99 Queen's Road, Central, Jong Kong

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Hong Kong under the Companies Ordinance (Chapter 622 of the Laws of Hong Kong), May 29, 2017.

4. *Brief description of nature and extent of affiliation*: Cboe Hong Kong Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions:* Marketing and business development services (business expected to commence in September 2017).

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Andy Lowenthal

   Current Officers
   - None

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

II. Cboe Silexx, LLC

1. *Name*: Cboe Silexx, LLC
   Address: 400 South LaSalle Street, Chicago, IL 60605

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), October 16, 2017.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Cboe Silexx, LLC operates the Silexx order execution management system business.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - John Deters
   - Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Catherine Clay (Vice President)
- Brent Coonrod (Vice President)
- Eric Crampton (Vice President)
- John Deters (Vice President)
- James Enstrom (Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

JJ. Digital Asset Benchmark Administration, LLC

1. *Name*: Digital Asset Benchmark Administration, LLC
   Address: 400 South LaSalle Street, Chicago, IL 60605

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), October 17, 2017.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* Digital Asset Benchmark Administration, LLC licenses Gemini-related data.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - John Deters

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Chief Compliance Officer)
   - Catherine Clay (Vice President)
   - Eric Crampton (Vice President)
   - John Deters (Vice President)
   - James Enstrom (Vice President and Chief Audit Executive)
   - Todd Furney (Chief Risk Officer)
   - Jennifer Golding (Vice President))
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)
   - Aaron Weissenfluh (CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

KK. CBOE Europe B.V.

1. *Name*: CBOE Europe B.V.
   Address: 1212 Gustav Mahlerlaan, 108La Amsterdam (Netherlands)

2. *Form of organization*: Private Company Limited by Shares

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in the United Kingdom on August 1, 2018.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Europe Limited. Cboe Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions:* The business is very broad, encompassing the operation of a regulated market and an approved publication arrangement, and all other businesses that may be ancillary or useful for the above operations

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Mark Hemsley
   - Adam Eades
   - Ruben Hilhorst
   - Shyam Savania

   Current Officers
   - Adam Eades (President)
   - Ruben Hilhorst (Head of Compliance)
   - Shyam Savania (Operations Manager)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

LL. Cboe Off-Exchange Services, LLC

1. *Name*: Cboe Off-Exchange Services, LLC
   Address: 1209 Orange Street, Wilmington, County of New Castle, DE 19801

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), January 31, 2019.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which limited liability companies may be organized under the Act.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - None

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - John Deters (Vice President)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Bryan Harkins (Vive President)
   - Chis Isaacson (Vice President)
   - Andrew Lowenthal (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

MM. Cboe Global Indices, LLC

1. *Name*: Cboe Global Indices, LLC
   Address: 400 South LaSalle Street, Chicago, IL 60605

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Illinois, Illinois Limited Liability Company Act, September 11, 2019.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which limited liability companies may be organized under the Act.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Brian Schell
   - Catherine Clay

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Alexandra Albright (Vice President and Chief Compliance Officer)
   - Catherine Clay (Vice President)
   - Eric Crampton (Vice President)
   - James Enstrom (Vice President and Chief Audit Executive)
   - Todd Furney (Vice President and Chief Risk Officer)
   - Jennifer Golding (Vice President and Chief Litigation Officer)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Rob Hocking (Vice President)
   - Chris Isaacson (Vice President)
   - Emily Mitchell (Vice President)
   - Brian Schell (Treasurer)
   - J. Patrick Sexton (Secretary)
   - Aaron Weissenfluh (Vice President and CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

NN. Cboe Europe Indices Limited

1. *Name*: Cboe Europe Indices Limited
   Address: 5th Floor, The Monument Building
   11 Monument Street, London EC3R 8AF, United Kingdom

2. *Form of organization*: Private Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales under the Companies Act 1985 on July 17, 2019.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Worldwide Holdings Limited.

5. *Brief description of business or functions:* Cboe Europe Indices Limited has applied with the FCA to operate as a Benchmark administrator in the UK and Europe. Once approved, the company intends to transfer the existing European benchmark administrator business from Cboe Europe Limited (which is current an authorized benchmark administrator) to Cboe Europe Indices Limited. It also intends to apply to the FCA to endorse Cboe global indices in accordance with the EU benchmark regulation.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Dave Howson
   - Stephanie Renner

   Current Officers
   - Antonio Amelia (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

OO. Cboe Switzerland GmbH

1. *Name*: Cboe Switzerland GmbH
   Address: c/o Format A AG
   Pfingstweidstrasse 102b 8005 Zurich

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in Switzerland under Article 777c and Article 633, November 18, 2019.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary of Cboe Worldwide Holdings Limited.

5. *Brief description of business or functions:* Operate an electronic trading platform for financial contracts and instruments as well as to provide services in this business are to Group affiliate.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - ~~Paul Reidy~~

   Managers
   - Bryan Harkins
   - Lisa Shemie
   - Roman Sturzenegger
   - Jonathan Weinberg

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

PP. Hanweck Associates, LLC

1. *Name*: Hanweck Associates, LLC
   Address: 77 Battery Place #916
   New York, NY 10280

2. *Form of organization*: Limited Liability Company

3. *Name of state, statute under which organized and date of incorporation*: Incorporated under provisions of the New York State Limited Liability Company Law on November 25, 2003.

4. *Brief description of nature and extent of affiliation*: Wholly-owned subsidiary acquired by Cboe Global Markets, Inc. on February 3, 2020.

5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which limited liability companies may be organized under the Act.

6. *Copy of constitution*: No changes.

7. *Copy of articles of incorporation or association and amendments*: Not applicable.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Managers
   - Ed Tilly
   - Chris Isaacson
   - Brian Schell

   Current Officers
   - Ed Tilly (President and CEO)
   - Alexandra Albright (Vice President and Chief Compliance Officer)
   - Catherin Clay (Vice President)
   - Eric Crampton (Vice President)
   - John Deters (Vice President)
   - Jim Enstrom (Vice President and Chief Audit Executive)
   - Todd Furney (Vice President and Chief Risk Officer)
   - Jennifer Golding (Vice President and Chief Litigation Officer)
   - Jill Griebenow (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Gerald Hanweck (Vice President)
   - Rob Hocking (Vice President)

- Chris Isaacson (Chief Operating Officer)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Vice President and Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

QQ. Hanweck Associates Pte. Ltd.

1. *Name*: Hanweck Associates Pte. Ltd.
   Address: 8 Wilkie Road #30-01 Wilkie Edge
   Singapore 228095

2. *Form of organization*: Private Company Limited by Shares

3. *Name of state, statute under which organized and date of incorporation*: Incorporated under the Companies Act (Cap. 50) in Singapore on May 30, 2019.

4. *Brief description of nature and extent of affiliation*: Hanweck Associates Pte. Ltd. is a subsidiary of Hanweck Associates, LLC, which is wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which private companies may be organized under the act.

6. *Copy of constitution*: No changes.

7. *Copy of articles of incorporation or association and amendments*: No changes.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ng Lip Chih
   - Ed Tilly

   Current Officers
   - Ang Yee Koon Daphne
   - Tan Zhe Lei

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

RR. Hanweck Associates Limited

1. *Name*: Hanweck Associates Limited
   Address: 42-46 Fountain Street
   Belfast, Northern Ireland, United Kingdom BT1 5EF

2. *Form of organization*: Private Company Limited by Shares

3. *Name of state, statute under which organized and date of incorporation*: Incorporated under the Companies Act of 2006 on May 20, 2015.

4. *Brief description of nature and extent of affiliation*: Hanweck Associates Limited is a subsidiary of Hanweck Associates, LLC, which is wholly-owned subsidiary of Cboe Global Markets, Inc.

5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which private companies may be organized under the act.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: No changes

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*:

   Current Directors
   - Ed Tilly
   - Dave Howson

   Current Officer
   - Antonio Amelia (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: Not applicable.

SS. Cboe International Holdings Limited

1. *Name*: Cboe International Holdings Limited
   Address: 11 Monument Street, London, EC3R 8AF, United Kingdom

2. *Form of organization*: Private Company Limited by Shares.

3. *Name of state, statute under which organized and date of incorporation*: Incorporated in England and Wales under the Companies Act 1985 on February 5, 2015.

4. *Brief description of nature and extent of affiliation*: Cboe International Holdings Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.

5. *Brief description of business or functions*: Cboe International Holdings Limited is a holding company of Cboe FX Europe Limited,,

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: Not applicable.

8. *Copy of existing by-laws*: Not applicable.

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*: None

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: As of September 24, 2019 Cboe International Holdings Limited ceased to exist

TT. CBOE Stock Exchange, LLC

1. *Name*: CBOE Stock Exchange, LLC
   Address: 400 South LaSalle Street, Chicago, Illinois 60605

2. *Form of organization*: Limited Liability Company.

3. *Name of state, statute under which organized and date of incorporation*: Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq), July 31, 2006.

4. *Brief description of nature and extent of affiliation*: CBOE Stock Exchange, LLC is a 49.96%-owned subsidiary of Cboe Exchange, Inc.

5. *Brief description of business or functions:* CBOE Stock Exchange, LLC operated the CBOE Stock Exchange, which acted as a trading market for securities other than options as a facility of Cboe Exchange, Inc. CBOE Stock Exchange, LLC was approved by the SEC in March 2007. CBOE Stock Exchange, LLC ceased trading operations on April 30, 2014.

6. *Copy of constitution*: Not applicable.

7. *Copy of articles of incorporation or association and amendments*: Not applicable.

8. *Copy of existing by-laws*: Not applicable

9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions*: None

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year*: As of September 30, 2019 CBOE Stock Exchange, LLC ceased to exist.

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

Pursuant to the Certificate of Incorporation and Bylaws of the Exchange, the Exchange's Board of Directors has appointed the individuals listed below as Officers of the Exchange. These individuals will serve in these positions until their successors have been duly chosen or qualified or until the officer's earlier death, resignation of removal.

Officers						
Name:		Title:		Appointment Date:		Termination/ Change Position Date:
Alexandra Albright		Senior Vice President, Chief Compliance Officer		02/28/17		02/11/19 – Change in title
Lawrence Bresnahan		Vice President, Market & Member Regulation		02/13/18		
Jen Browning		Vice President, Head of Human Resources		07/29/19		
Kevin Carrai		Vice President, Market Data and Access Services		02/10/15		02/11/19 – Change in title
Cole Chmielewski		Vice President, Operations		02/22/20		
Catherine Clay		Senior Vice President, Information Solutions		02/13/18		02/11/19 – Change in title

Gary Compton		Vice President, Communications		07/30/18		02/11/19 – Change in title
Jeff Connell		Vice President, Deputy Chief Regulatory Officer		11/02/15		03/01/18 - Change in title
Brent Coonrod		Vice President, Software Engineering		01/07/19		
Eric Crampton		Senior Vice President, CTO		05/12/15		01/14/19 – Change in title
Arianne Criqui		Senior Vice President, Head of Options and Business Development		01/07/19		
Gina DeRaimo		Vice President, Derivatives Institute		01/07/20		
John Deters		Executive Vice President, Chief Strategy Officer & Head of Multi-Asset Solutions		02/28/17		02/11/19 – Change in title
Laura Dickman		Vice President, Associate General Counsel		02/13/18		03/01/18 - Change in title
James Enstrom		Senior Vice President, Chief Audit Executive		02/28/17		02/11/19 – Change in title
Angelo Evangelou		SVP, Chief Policy Officer		02/11/20		
Todd Furney		Vice President, Chief Risk Officer		02/28/17		
Jennifer Golding		Vice President, Associate General Counsel, Chief Litigation Officer		07/30/18		
Jill Griebenow		Senior Vice President & Chief Accounting Officer		08/15/18		
Jackie Hancock		Vice President, Controller		11/01/18		
Bryan Harkins		Executive Vice President, Head of Markets Division		02/10/15		10/30/19 – Change in title

John Hiatt		Vice President, Product Development		02/11/19		
Rob Hocking		Senior Vice President, Head of Derivatives Strategy		12/17/18		
Gregory Hoogasian		Senior Vice President, Chief Regulatory Officer		02/28/17		
Dave Howson		EVP and President, Cboe Europe		02/11/20		
Adam Inzirillo		SVP, Head of U.S. Equities		10/28/19		
Chris Isaacson		Executive Vice President, COO		02/10/15		01/14/19 – Change in title
Brett Johnson		Vice President, Software Engineering		01/07/19		
Carol Kennedy		SVP, Chief Communications Officer		02/11/20		
Jennifer Lamie		Vice President, Chief Regulatory Advisor		02/13/18		03/01/18 - Change in title
Stephanie Marrin Lara		Vice President, Deputy Chief Regulatory Officer		02/13/18		03/01/18 - Change in title
Andrew Lowenthal		Executive Vice President, International Expansion		02/28/17		10/30/19 – Change in title
Marc Magrini		Vice President, Administration		02/13/18		
Emily Mitchell		Vice President, Tax		02/11/20		
Michael Mollet		VP, MAS Product Development		10/28/19		
Anthony Montesano		Vice President, TSD and Registration		02/13/18		03/01/18 - Change in title
Laura Morrison		Senior Vice President, ETP Listings		05/12/15		03/01/18 - Change in title
Kyle Murray		VP and Associate General Counsel		10/28/19		

Dan Overmyer		Vice President, Options Regulation		12/17/18		
Arthur Reinstein		Senior Vice President and Deputy General Counsel		02/28/17		03/01/18 - Change in title
Brian N. Schell		Executive Vice President, Chief Financial Officer, Treasurer		02/10/15		
Curt Schumacher		Vice President, Infrastructure		02/13/18		02/11/19 – Change in title
John Sexton		Executive Vice President, General Counsel & Corporate Secretary		02/28/17		03/01/18 - Change in title
Steven Sinclair		Vice President, Systems Development		02/13/18		
Eileen Smith		Vice President, Data and Analytics		02/13/18		02/11/19 – Change in title
Ed Tilly		President and CEO		02/28/17		01/14/19 – Change in title
Aaron Weissenfluh		Vice President, Chief Information Security Officer		02/10/15		
Troy Yeazel		Senior Vice President, Operations		11/02/15		
Vivian Yiu		Vice President, Product Strategy		11/01/16		03/01/18 - Change in title
Former Officers						
Name:		Title:		Appointment Date:		Termination/ Change Position Date:
Chris Concannon		President & COO		02/10/15		01/14/19
David Gray		Senior Vice President, Global Client Services		02/28/17		01/14/19
Rodney Burt		Vice President, Infrastructure		02/10/15		04/01/19
William Looney		Vice President, Advancement &		07/30/18		04/22/19

		Strategy, Index Options				
William Speth		Senior Vice President, Research		02/13/18		06/03/19
Anders Franzon		Senior Vice President and Deputy General Counsel		11/02/15		06/07/19
Paul Ciciora		Vice President, Systems Infrastructure		02/13/18		06/14/19
Bryan Christian		Senior Vice President, Sales US Equities		02/10/15		07/01/19
Alicia Goldberg		Vice President, Statistical Analysis		02/28/17		11/01/19
Mark Novak		Vice President, Software Engineer		02/13/18		11/01/19
Bradley Samuels		Vice President, Systems Development		02/13/18		11/01/19
Michael Trees		Vice President, Trading System Development		02/13/18		01/03/2020
Mark Hemsley		Senior Vice President		01/07/20		02/28/20

2. Directors

The following directors were appointed in accordance with Article III of the Bylaws of the Exchange. Directors will serve one-year terms ending on the annual meeting following the meeting at which such directors were elected or at such time as their successors are elected or appointed and qualified, except in the event of earlier death, resignation, disqualification or removal. The current directors of the Exchange are the persons listed below:

Directors						
Name		Classification(s)		Appointment Date:		Termination Date:
Ed Tilly		Chairman & Director		02/28/17		
Bruce Andrews		Director		02/13/18		
Kevin Murphy		Director		02/13/18		
Jill Sommers		Director		10/26/15		

Former Directors						
Name:		Title:		Appointment Date:		Termination/Change Position Date:
David Roscoe		Director		10/13/10		02/11/20
Scott Wagner		Director		10/27/16		02/11/20

3. Committees

The committees of the Board shall consist of an Executive Committee and a Regulatory Oversight Committee.

Executive Committee

- Ed Tilly (Chairman)
- Bruce Andrews
- Kevin Murphy
- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner (Chairman)
- Bruce Andrews
- David Roscoe
- Jill Sommers