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) 09/16/19	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 C2 Exchange, Inc.

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

19004149

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

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

5. Provide the name, title and telephone number of a contact employee:
Kyle Murray (Name) Assistant General Counsel, Cboe C2 Exchange, Inc. (Title) (913) 815-7121 (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: 09/16/19 (MM/DD/YY)

By: [signature] (Signature)

Cboe C2 Exchange, Inc. (Name of Applicant)

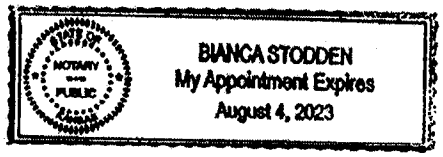
Kyle Murray, Assistant General Counsel (Printed Name and Title)

Subscribed and sworn before me this 16th day of September (Month) 2019 (Year) by [signature] (Notary Public)

My Commission expires 08/04/23 County of Johnson State of Kansas

This page must always be completed in full with original, manual signature and notarization.

Affix notary stamp or seal where applicable.



Cboe

September 16, 2019

SEC Mail Processing

SEP 18 2019

Washington, DC

Via Federal Express

Ms. Jeanette Marshall
Securities and Exchange Commission
Division of Trading and Markets
100 F Street, N.E.
Mail Stop 6628
Washington, DC 20549-0001

Re: ***Cboe C2 Exchange, Inc.***
Form 1 Amendment

Dear Jeanette:

On behalf of Cboe C2 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 exhibit[1]:

- Exhibit C (updated to reflect list of Directors and Committee Members);

This amendment is filed in accordance with SEC Rule 6a-2 and is intended to replace Exhibit C 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
Assistant General Counsel
913-815-7121

Enclosures

[1] See Attachment for a comprehensive list of updates to Exhibit C

Attachment

Summary of changes made to Exhibit C:

- A new entity, Cboe Global Indices, LLC, was added

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)
   - 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)
   - 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
   - David Roscoe
   - Jill Sommers
   - Scott Wagner

   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)
   - Rodney Burt (VP, Infrastructure)
   - Kevin Carrai (VP, Market Data and Access Services)
   - 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)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Todd Furney (VP, Chief Risk Officer)
- Alicia Goldberg (VP, Statistical Analysis)
- 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, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineer)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Sys Develop.)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

Standing Committees

Executive Committee

- 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 BYX Exchange, Inc.

1. *Name*: Cboe BYX 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 July 31, 2009.

4. *Brief description of nature and extent of affiliation*: Cboe BYX 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 BYX 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
   - David Roscoe
   - Jill Sommers
   - Scott Wagner

   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)
   - Rodney Burt (VP, Infrastructure)
   - Kevin Carrai (VP, Market Data and Access Services)
   - 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)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Todd Furney (VP, Chief Risk Officer)
- Alicia Goldberg (VP, Statistical Analysis)
- 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, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineer)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Sys Develop.)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

Standing Committees

Executive Committee

- 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 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
   - David Roscoe
   - Jill Sommers
   - Scott Wagner

   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)
   - Rodney Burt (VP, Infrastructure)
   - Kevin Carrai (VP, Market Data and Access Services)
   - 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)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Todd Furney (VP, Chief Risk Officer)
- Alicia Goldberg (VP, Statistical Analysis)
- 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, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineer)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Sys Develop.)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

Standing Committees

Executive Committee

- 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 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
   - David Roscoe
   - Jill Sommers
   - Scott Wagner

   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)
   - Rodney Burt (VP, Infrastructure)
   - Kevin Carrai (VP, Market Data and Access Services)
   - 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)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Todd Furney (VP, Chief Risk Officer)
- Alicia Goldberg (VP, Statistical Analysis)
- 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, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineer)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Sys Develop.)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

Standing Committees

Executive Committee
- 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 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
   - David Roscoe
   - Jill Sommers
   - Scott Wagner

   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)
   - Rodney Burt (VP, Infrastructure)
   - Kevin Carrai (VP, Market Data and Access Services)
   - 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)

- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Todd Furney (VP, Chief Risk Officer)
- Alicia Goldberg (VP, Statistical Analysis)
- 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, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineer)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Sys Develop.)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, Product Strategy)

Standing Committees

Executive Committee

- 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
   - Mark Hemsley

   Current Officers
   - Ed Tilly (President and Chief Executive Officer)
   - Jill Griebenow (Vice President)
   - Mark Hemsley (Vice President)
   - Jackie Hancock (Vice President and Controller)
   - Chris Isaacson (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)
   - 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)
   - Sean Cleary (VP, Sales FX)
   - 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, Co-Head Markets Division)
   - Mark Hemsley (EVP, President Europe)
   - Greg Hoogasian (SVP, Chief Regulatory Officer)
   - Chris Isaacson (EVP)
   - Stephanie Marrin Lara (Deputy Chief Regulatory Officer)
   - Andrew Lowenthal (EVP, Co-Head Markets Division)

- Paul Reidy (VP, Cboe FX COO)
- 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)
- 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)
   - 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 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*: 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

   Current Officers

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

N. 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 International Holdings Limited which 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
   - Mark Hemsley

   Current Officers

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

O. 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.

P. 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
   - Mark Hemsley
   - Ted Hood
   - Kristian West
   - John Woodman

   Current Officers
   - Mark Hemsley (Chief Executive Officer)
   - Antonio Amelia (Secretary)
   - Jerry Avenell (Co-Head Sales)
   - Alex Dalley (Co-Head Sales)
   - Adam Eades (Chief Legal and Regulatory Officer)
   - David Howson (COO)
   - 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.

Q. 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
   - Mark Hemsley
   - Adam Eades
   - John Woodman

   Current Officers
   - Mark Hemsley (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.

R. 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)
   - 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.

S. 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.

T. 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)
   - Sean Cleary (Vice President)
   - Eric Crampton (SVP, CTO)
   - John Deters (EVP, Chief Strategy Officer & Head of Multi-Asset Solutions)
   - James Enstrom (Senior Vice President & Chief Audit Executive)
   - Todd Furney (VP, and Chief Risk Officer)
   - Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
   - Jill Griebenow (SVP & Chief Accounting Officer)
   - Bryan Harkins (Executive Vice President, Co-Head of U.S. Markets)
   - Mark Hemsley (Executive Vice President, President Europe)
   - Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
   - Chris Isaacson (Executive Vice President & COO)
   - Andrew Lowenthal (Executive Vice President, Co-Head of U.S. Markets)
   - Stephanie Marrin (Vice President and Deputy Chief Regulatory Officer)
   - Paul Reidy (Vice President)
   - 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)
- Jackie Hancock (Vice President and Controller)
- Aaron Weissenfluh (Vice President & Chief Information Security Officer)

Managers

- Ed Tilly
- Gilbert Bassett
- 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.

U. 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 International Holdings 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
   - Mark Hemsley

   Current Officers

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

V. 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, Co-Head Markets Division)
   - Mark Hemsley (EVP, President Europe)
   - Chris Isaacson (EVP and COO)

- Andrew Lowenthal (EVP, Co-Head Markets Division)
- 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.

W. 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)
   - Lawrence Bresnahan (VP, Market & Member Reg.)
   - Joseph Caauwe (CFE Managing Director)
   - Kevin Carrai (Vice President, Connectivity, Data & Member Services)
   - Catherine Clay (SVP, Business Development)
   - Eric Crampton (SVP, CTO)
   - John Deters (Executive Vice President, Chief Strategy Officer & Head of Multi-Asset Solutions)
   - 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, Co-Head of U.S. Markets Division
- Mark Hemsley (Executive Vice President, President Europe)
- Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
- Chris Isaacson (Executive Vice President, CFE Senior Managing Director, & COO)
- Jennifer Lamie (VP & Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP & Deputy Chief Reg Officer)
- Andrew Lowenthal (Executive Vice President, Co-Head of U.S. Markets Division, and CFE Senior Managing Director)
- Matthew McFarland (VP, Head of Futures and CFE Managing Director)
- 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. Electronic Trading Operations and CFE Managing Director)

Standing Committees

Executive
- Ed Tilly
- Michael Gorham

Regulatory Oversight Committee
- 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.

X. 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*: 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
   - James Fitzgibbons
   - Jaap Gelderloos
   - Andrew Lowenthal
   - Tom O'Mara
   - Rick Oscher
   - Steve Sosnick

   Current Officers
   - Angelo Evangelou (Secretary)

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

Y. 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)
   - 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, 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)
   - 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.

AA. 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)
   - 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.

BB. 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)
   - Catherine Clay (SVP, Information Solutions)
   - Sean Cleary (VP, Sales FX)
   - 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)
   - 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)
- Alicia Goldberg (VP, Statistical Analysis)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- Bryan Harkins (EVP, Co-Head Markets Division)
- Mark Hemsley (EVP, President Europe)
- John Hiatt (VP, Product Development)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, Chief Regulatory Officer)
- Chris Isaacson (EVP, Chief Operating Officer)
- 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, Co-Head Markets Division)
- Marc Magrini (VP, Administration)
- Stephanie Marrin Lara (VP, Deputy Chief Regulatory Officer)
- Anthony Montesano (VP, TSD and Membership Services)
- Laura Morrison (SVP, ETP Listings)
- Mark Novak (VP, Software Engineering)
- Dan Overmyer (VP, Options Regulations)
- Paul Reidy (VP, Cboe FX COO)
- Arthur Reinstein (SVP, Deputy General Counsel)
- Bradley Samuels (VP, Systems Development)
- 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)
- Michael Trees (VP, Trading Systems Development)
- 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.

CC. 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)

- 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.

DD. 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
   - Mark Hemsley

   Current Officers
   - None

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

EE. 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)
   - 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.

FF. 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)
   - 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.

GG. 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)
   - 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.

HH. 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.

II. 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

JJ. 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.

KK. 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)
   - 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.

LL. 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
   - Brian Schell

   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)
   - 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.

MM. 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.

NN. 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)
   - Mark Hemsley (Vice 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.

OO. 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*: See attached

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)
   - 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)
   - 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.

PP. The Options Exchange, Incorporated

1. *Name*: The Options Exchange, Incorporated
   Address: 400 South LaSalle Street, Chicago, IL 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), January 7, 1974.

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

5. *Brief description of business or functions:* Not applicable.

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 December 31, 2018 The Options Exchange, Incorporated ceased to exist

Form 1, Exhibit C Index of Attachments

- A Bats Global Markets Holdings, Inc.
- B Direct Edge LLC
- C Cboe BZX Exchange, Inc.
- D Cboe BYX Exchange, Inc.
- E Cboe EDGA Exchange, Inc.
- F Cboe EDGX Exchange, Inc.
- G Cboe Exchange, Inc.
- H Cboe Trading, Inc.
- I Omicron Acquisition Corp.
- J Cboe FX Holdings, LLC
- K Cboe FX Markets, LLC
- L Cboe FX Services, LLC
- M Cboe International Holdings Limited
- N Cboe FX Europe Limited
- O Cboe FX Asia Pte. Limited
- P Cboe Europe Limited
- Q Cboe Chi-X Europe Limited
- R Cboe ETF.com, Inc.
- S IndexPubs S.A.
- T Cboe SEF, LLC
- U Cboe Worldwide Holdings Limited
- V Cboe Global Markets, Inc.
- W Cboe Futures Exchange, LLC
- X CBOE Stock Exchange, LLC
- Y Cboe Building Corporation
- Z Cboe, LLC

- AA Cboe III, LLC
- BB Cboe Bats, LLC
- CC Cboe Livevol, LLC
- DD Cboe UK Limited
- EE Cboe Vest, LLC
- FF Loan Markets, LLC
- GG Cboe Data Services, LLC
- HH Signal Trading Systems, LLC
- II Cboe Vest Group Inc.
- JJ Cboe Hong Kong Limited
- KK Cboe Silexx, LLC
- LL Digital Asset benchmark Administration, LLC
- MM CBOE Europe B.V.
- NN Cboe Off-Exchange Services, LLC
- OO Cboe Global Indices, LLC (see attachment)

OO Cboe Global Indices, LLC

LIMITED LIABILITY COMPANY OPERATING AGREEMENT

OF

CBOE GLOBAL INDICES, LLC

This Limited Liability Company Operating Agreement (this "Agreement") of Cboe Global Indices, LLC, an Illinois limited liability company (the "Company"), is entered into as of September 11, 2019 by Cboe Global Markets, Inc., a Delaware corporation (the "Member").

WHEREAS, the Member formed the Company on the date hereof by causing articles of organization (the "Articles of Organization") to be filed with the Secretary of State of the State of Illinois, pursuant to the provisions of the Illinois Limited Liability Company Act, as the same may be amended from time to time (the "Act").

NOW, THEREFORE, the Member, intending to be legally bound, hereby states the terms of its agreement as to the affairs of, and the conduct of the business of, the Company as follows:

1. Name. The name of the limited liability company is Cboe Global Indices, LLC.

2. Purpose. The purpose of the Company shall be to engage in any lawful act or activity for which limited liability companies may be organized under the Act as determined by the Board of Directors (as defined herein).

3. Formation. The filing of the Articles of Organization of the Company with the Secretary of State of the State of Illinois on the date first written above pursuant to the Act is hereby ratified and approved.

4. Duration. Unless the Company shall be earlier dissolved, wound-up and terminated in accordance with Sections 18 and 19, it shall continue in existence in perpetuity.

5. Offices. The principal place of business and office of the Company shall be located at, and the Company's business shall be conducted from, the same location as the principal place of business and office of the Member or such other place or places as the Board of Directors my from time to time designate.

6. Registered Agent and Office. The registered agent and registered office of the Company in the State of Illinois shall be as specified in the Company's Articles of Organization. The Board of Directors may, at any time, designate another registered agent and/or registered office of the Company and may amend the Articles of Organization of the Company to reflect such designation without the consent of the Member or any other person or entity.

7. Member. The Member is admitted as the sole member of the Company and shall be shown as such on the books and records of the Company. No other person shall be

admitted as a member of the Company, and no additional interest in the Company shall be issued, without appropriate amendments to this Agreement, approved by the Member.

8. Other Activities of Member. The Member may engage in or possess an interest in other business ventures of any nature, whether or not similar to or competitive with the activities of the Company.

9. **Management of the Company**.

(a) *Management by Board of Directors.* The business and affairs of the Company shall be managed by a board of directors (the "**Board of Directors**"). The number of persons constituting the Board of Directors shall be fixed from time to time by the Member, and the Board of Directors shall consist of individuals elected by the Member (each such individual, a "**Director**"). Directors shall hold office for such term as may be determined by the Member and, if later, until their respective successors are elected by the Member, or until the respective Director's earlier death, resignation or removal. Directors may be removed from, and substitute or additional Directors may be appointed to, the Board of Directors, at any time by the Member. Each Director is hereby designated as a "manager" of the Company within the meaning of the Act.

(b) *Meetings of the Board of Directors.* The Board of Directors shall meet as often as is necessary or desirable to carry out its functions on such dates and times as the Board of Directors may determine from time to time. Meetings of the Board of Directors shall be held at the principal place of business of the Company or at any other place that the Board of Directors may determine from time to time. Members of the Board of Directors may participate in such meetings by conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute presence in person at such a meeting. The presence of at least 50% of the Directors then in office shall constitute a quorum for the transaction of business; **provided** that a quorum shall not exist unless at least two Directors are present. Notice of the date, time and purpose of each regular and special meeting shall be delivered personally or by telephone to each Director or sent by first class mail, electronic mail or facsimile transmission, charges prepaid, addressed to such Director at such Director's mailing or electronic mail address or facsimile address or number as appears on the records of the Company. Such notice shall be delivered to each Director at least one day prior to the date scheduled for a meeting. A Director may waive the requirement of notice of meeting either by attending a meeting for which notice was not given or providing a written waiver (email is sufficient) before or after such meeting.

(c) *Actions of the Board of Directors; Action by Written Consent.* The act of a majority of the Directors present at any meeting of the Board of Directors at which there is a quorum shall be the act of the Board of Directors. Any action required or permitted to be taken at a meeting of the Board of Directors may be taken without a meeting and without prior notice if written consents, setting forth the action so taken, are executed by the members of the Board of Directors representing the minimum number of votes that would be necessary to authorize or to take such action at a meeting at which all members of the Board of Directors permitted to vote were present and voted. Any such written consents may be executed in any number of counterparts, with each such counterpart being deemed to be an original instrument, and all such

counterparts together constituting the same consent. The Board of Directors may establish such other rules and procedures for its deliberations as it may deem necessary or desirable.

(d) *Powers of the Board of Directors*. The Board of Directors shall have the power by itself or through agents, and shall be authorized and empowered on behalf and in the name of the Company, to carry out all of the objects and purposes of the Company and to perform all acts and enter into and perform all acts and other undertakings that it may in its discretion deem necessary or advisable in that regard, in each case in accordance with the provisions of this Agreement. A Director acting individually in his or her capacity as a Director shall have the power to act for or bind the Company to the extent authorized to do so by the Board of Directors.

(e) *Other Activities of Directors*. The Directors shall not be required to manage the Company as their sole and exclusive function, and they may have other business interests and may engage in other activities in addition to those relating to the Company.

(f) *Officers*. The Company may have such officers and agents with such respective rights and duties as the Board of Directors may from time to time determine. The Board of Directors may delegate to one or more officers, agents or employees or other persons (who shall not be deemed "managers" within the meaning of the Act by virtue of such delegation) any and all powers to manage the Company that the Directors possess under this Agreement and the Act. All officers of the Company appointed by the Board of Directors shall hold office for such term as may be determined by the Board of Directors or, if later, until their respective successors are appointed, or until the respective officer's earlier death, resignation or removal. Any officer may be removed from office at any time either with or without cause by the president of the Company or the affirmative vote of a majority of the Directors then in office. Each of the officers of the Company shall have the powers and duties prescribed by the Board of Directors and, unless otherwise prescribed by the Board of Directors, if the title assigned to an officer is one commonly used for officers of a business corporation formed under the Illinois Business Corporation Act, the assignment of such title shall constitute the delegation to such person of the authorities and duties that are normally associated with that office.

10. Voting Powers of Member.

(a) *General Rules*. The Member, as such, shall not have any voting rights or take any part in the day-to-day management or conduct of the business of the Company, nor shall the Member have any right or authority to act for or bind the Company. Actions and decisions that do require the approval of the Member pursuant to any provision of this Agreement or applicable law may be authorized or made by affirmative vote of the Member. Such vote may be taken at a meeting of the Member or by written consent without a meeting.

(b) *Meetings*. An annual meeting of the Member may be held for the purpose of electing Directors and conducting such additional business as shall properly come before the meeting in any calendar year. In addition, the Member may call a meeting to consider approval of an action or decision under any provision of this Agreement or applicable law.

(c) *Action by Written Consent.* Any action required or permitted to be taken at a meeting of the Member may be taken without a meeting if, prior or subsequent to the action, a written consent in lieu of a meeting, setting forth the action so taken or to be taken shall be signed by such Member.

11. Initial Capital Contribution. Concurrently with or prior to the execution of this Agreement, the Member has made one or more capital contributions to the Company in exchange for 100% of the limited liability company membership interests in the Company.

12. Additional Capital Contributions. The Member may, but is not required to, make additional capital contributions to the Company. All capital contributions shall be made at the option of the Member and shall be made as and when the Member deems appropriate.

13. Loans. If the Member makes any loans to the Company, or advances money on the Company's behalf, the amount of any such loan or advance shall not be deemed an increase in, or contribution to, the capital contribution of the Member. If the Company makes any loans to the Member, or advances money on the Member's behalf, the amount of any such loan or advance shall not be deemed a decrease in capital of the Member or a distribution to the Member. Interest shall accrue on any such loan or advance at an annual rate agreed to by the Company and the Member (but not in excess of the maximum rate allowable under applicable usury laws).

14. Allocation of Profits and Losses. All of the Company's profits and losses shall be allocated to the Member.

15. Distributions. The Company may distribute funds or other assets to the Member at such times and in such amounts as the Board of Directors may determine. In determining the amount of funds to distribute pursuant to this **Section 15**, the Board of Directors may consider such factors as the need to allocate funds to any reserves for Company contingencies or any other Company purposes that the Board of Directors reasonably deems necessary or appropriate. Notwithstanding any of the foregoing, the Company shall not make a distribution to the Member on account of its interest in the Company if such distribution would violate the Act or other applicable law.

16. **Return of Capital**. The Member has no right to receive, but the Board of Directors has absolute discretion to make, subject to the Act, any distributions to the Member which include a return of all or any part of the Member's capital contribution; **provided** that upon the dissolution of the Company, the assets of the Company shall be distributed as provided in the applicable provisions of the Act.

17. No Certification of Interests. The membership interests in the Company shall not be certificated.

18. Dissolution. The Company shall be dissolved and its affairs wound up upon the first to occur of the following events: (i) the affirmative approval of the Board of Directors to dissolve the Company; (ii) the written consent of the Member to dissolve the Company; (iii) at any time there are no members of the Company, unless the Company is continued in accordance with the Act; or (iv) when required by a decree of judicial dissolution

entered in accordance with the Act. Such dissolution and winding up shall be carried out in accordance with the Act. The bankruptcy (as defined in the Act) of the Member shall not cause the Member to cease to be a member of the Company, and upon the occurrence of such an event, the Company shall continue without dissolution.

19. **Winding Up of Company**. Upon dissolution, the Company's business shall be liquidated in an orderly manner. The Board of Directors shall act as the liquidator to wind up the affairs of the Company pursuant to this Agreement. In performing its duties, the Board of Directors is authorized to sell, distribute, exchange or otherwise dispose of the assets of the Company in accordance with the Act and in any reasonable manner that the Board of Directors shall determine. The Company shall terminate when (i) all of the assets of the Company, after payment of or due provision for all debts, liabilities and obligations of the Company shall have been distributed to the Member in the manner provided for in this Agreement and (ii) the Articles of Organization of the Company shall have been canceled in the manner required by the Act.

20. **Liability; Exculpation and Indemnification.**

(a) *Limited Liability Generally.* Except as otherwise expressly required by the Act, the debts, obligations and liabilities of the Company, whether arising in contract, tort or otherwise, shall be the debts, obligations and liabilities solely of the Company, and the Member, Directors, officers, employees and agents of the Company shall not be obligated personally for any such debt, obligation or liability of the Company solely by reason of being a Member, Director, officer, employee or agent of the Company.

(b) *Exculpation.* Neither the Member nor any Director nor any officer nor member of a committee of the Company (a "**Covered Person**") shall be liable to the Company or any other person or entity who is bound by this Agreement for any loss, damage or claim incurred by reason of any act or omission performed or omitted by such Covered Person in good faith on behalf of the Company and in a manner reasonably believed to be within the scope of the authority conferred on such Covered Person by this Agreement; **provided** that a Covered Person shall be liable for any such loss, damage or claim incurred if such Covered Person (1) committed an act or omission not in good faith or (2) committed an act of intentional misconduct or a knowing violation of law.

(c) *Indemnification of Member, Officers and Directors.* The Company shall, to the fullest extent permitted by applicable law as it presently exists or may hereafter be amended, indemnify and hold harmless any Covered Person who was or is made or is threatened to be made a party or is otherwise involved in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (a "**proceeding**"), by reason of the fact that he or she is or was a Covered Person, or, while a Covered Person, is or was serving at the request of the Company as a director or officer, employee or agent of another company, partnership, joint venture, trust or other enterprise or non-profit entity, including service with respect to employee benefit plans, against all liability and loss suffered and expenses (including reasonable attorneys' fees), judgment, fines and amounts paid in settlement actually and reasonably incurred by such Covered Person in connection with a proceeding. Notwithstanding the preceding sentence, except as otherwise provided in **Section 20(d)**, the

Company shall be required to indemnify a Covered Person in connection with a proceeding (or part thereof) commenced by such Covered Person only if the commencement of such proceeding (or part thereof) by the Covered Person was authorized in the specific case by the Board of Directors.

(d) *Advancement of Expenses.* Expenses (including reasonable attorneys' fees) incurred by a Covered Person in defending a proceeding, including appeals, shall, to the extent not prohibited by law, be paid by the Company in advance of the final disposition of such proceeding; **provided, however**, that the Company shall not be required to advance any expenses to a person against whom the Company directly brings an action, suit or proceeding alleging that such person (1) committed an act or omission not in good faith or (2) committed an act of intentional misconduct or a knowing violation of law. Additionally, an advancement of expenses incurred by a Covered Person shall be made only upon delivery to the Company of an undertaking, by or on behalf of such Covered Person, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal or otherwise in accordance with Illinois law that such Covered Person is not entitled to be indemnified for such expenses under this **Section 20**.

(e) *Enforcement.* If a claim for indemnification (following the final disposition of such action, suit or proceeding) or advancement of expenses under this **Section 20** is not paid in full within thirty days after a written claim therefor by the Covered Person has been received by the Company, the Covered Person may file suit to recover the unpaid amount of such claim and, if successful in whole or in part, shall be entitled to be paid the expense of prosecuting such claim to the fullest extent permitted by law. In any action the Company shall have the burden of proving that the Covered Person is not entitled to the requested indemnification or advancement of expenses under applicable law.

(f) *Deemed Contract.* The provisions of this Section 20 shall be deemed to be a contract between the Company and each Covered Person who serves in any such capacity at any time while this **Section 20** is in effect, and any repeal or modification of any applicable law or of this **Section 20** shall not affect any rights or obligations then existing with respect to any state of facts then or theretofore existing or any action, suit or proceeding theretofore or thereafter brought or threatened based in whole or in part upon any such state of facts.

(g) *Indemnification of Employees and Agents.* Persons not expressly covered by the foregoing provisions of this **Section 20**, including without limitation those (i) who are or were employees or agents of the Company, or are or were serving at the request of the Company as employees or agents of another company, partnership, joint venture, trust or other enterprise, or (ii) who are or were directors, officers, employees or agents of a constituent company absorbed in a consolidation or merger in which the Company was the resulting or surviving company, or who are or were serving at the request of such constituent company as directors, officers, employees or agents of another company, partnership, joint venture, trust or other enterprise, may be indemnified or advanced expenses to the extent authorized at any time or from time to time by the Board of Directors. The Board of Directors may also enter into separate and/or additional documents with any Covered Person or any other person which may have the effect of granting additional indemnification rights, and/or establishing additional rights, or altering or supplementing the terms of this Section 20 without the consent of any other person.

(h) *Nonexclusivity of Rights.* The rights conferred on any Covered Person by this Section 20 shall not be deemed exclusive of any other rights to which such Covered Person may be entitled by law or otherwise, and shall continue as to a person who has ceased to be a Director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such person.

(i) *Collateral Source Recovery.* The Company's obligation, if any, to indemnify or to advance expenses to any Covered Person who was or is serving at its request as a director, officer, employee or agent of another company, partnership, joint venture, trust, enterprise or nonprofit entity shall be reduced by any amount such Covered Person may collect as indemnification or advancement of expenses from such other company, partnership, joint venture, trust, enterprise or non-profit entity.

(j) *Repeal or Modification.* Any repeal or modification of the foregoing provisions of this **Section 20** shall not adversely affect any right or protection hereunder of any Covered Person in respect of any act or omission occurring prior to the time of such repeal or modification.

(k) *Insurance.* The Company may purchase and maintain insurance, at its expense, to protect itself and any Member, Director, officer, manager, trustee, employee or agent of the Company or, at its request, as a director, officer, employee or agent of another company, partnership, limited liability company, joint venture, trust or other enterprise against any expense, liability or loss, whether or not the Company would have the power to indemnify such person against such expense, liability or loss under the Act.

21. **Application for Admission to Transact Business.** The Member shall file, on behalf of the Company, in accordance with applicable law, an application to transact business as a foreign limited liability company in any jurisdiction where the Member deems such a filing or similar filing to be appropriate.

22. Governing Law. This Agreement shall be governed by, and construed under, the laws of the State of Illinois (without regard to conflict of laws principals), all rights and remedies being governed by such laws.

23. Fiscal Year. The fiscal year of the Company shall end on December 31.

24. Modification, Waiver or Termination. Except as otherwise expressly provided herein, no modification, waiver or termination of this Agreement, or any part hereof, shall be effective unless made in writing and signed by the Member.

25. **Benefits of Agreement.** None of the provisions of this Agreement shall be for the benefit of or enforceable by any creditor of the Company or of any other person not a party to this Agreement.

26. **Headings.** The titles of Sections of this Agreement are for convenience of reference only and shall not define or limit any of the provisions of this Agreement.

27. Severability. The invalidity or unenforceability of any particular provision of this Agreement shall be construed in all respects as if such invalid or unenforceable provision were omitted.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned, intending to be legally bound hereby, has duly executed this Limited Liability Company Operating Agreement of Cboe Global Indices, LLC as of the date first written above.

MEMBER:

Cboe Global Markets, Inc.

By: _____
Name: Patrick Sexton
Title: Executive Vice President, General Counsel & Corporate Secretary

OFFICE OF THE SECRETARY OF STATE

JESSE WHITE-Secretary of State

08000972
SEPTEMBER 11, 2019

C T CORPORATION SYSTEM
208 SO LASALLE ST, SUITE 814
CHICAGO, IL 60604-1101

RE CBOE GLOBAL INDICES, LLC

DEAR SIR OR MADAM:

IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD THE ARTICLES OF ORGANIZATION THAT CREATED YOUR LIMITED LIABILITY COMPANY. WE EXTEND OUR BEST WISHES FOR SUCCESS IN YOUR NEW VENTURE.

PLEASE NOTE! THE LIMITED LIABILITY COMPANY MUST FILE AN ANNUAL REPORT PRIOR TO THE FIRST DAY OF THIS ANNIVERSARY MONTH NEXT YEAR. FAILURE TO TIMELY FILE MAY RESULT IN PENALTY AND DISSOLUTION.
A PRE-PRINTED ANNUAL REPORT WILL BE MAILED TO THE REGISTERED AGENT AT THE REGISTERED OFFICE ADDRESS APPROXIMATELY 45 DAYS BEFORE THE DUE DATE.

A LIMITED LIABILITY COMPANY THAT INTENDS TO PROVIDE A PROFESSIONAL SERVICE REGULATED BY THE ILLINOIS DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION MUST REGISTER WITH THAT AGENCY.

PUBLICATIONS/FORMS AND OTHER SERVICES ARE AVAILABLE ON OUR WEBSITE. VISIT WWW.CYBERDRIVEILLINOIS.COM TO VIEW THE STATUS OF THIS COMPANY, PURCHASE A CERTIFICATE OF GOOD STANDING, OR EVEN FILE THE ANNUAL REPORT REFERRED TO IN THE EARLIER PARAGRAPH.

SINCERELY YOURS,

JESSE WHITE
ILLINOIS SECRETARY OF STATE
DEPARTMENT OF BUSINESS SERVICES
LIMITED LIABILITY DIVISION
(217) 524-8008

08000972

Form **LLC-5.5**
May 2018

Secretary of State
Department of Business Services
Limited Liability Division
501 S. Second St., Rm. 351
Springfield, IL 62756
217-524-8008
www.cyberdriveillinois.com

Payment must be made by certified check, cashier's check, Illinois attorney's check, C.P.A.'s check or money order payable to Secretary of State.

Illinois
Limited Liability Company Act

Articles of Organization

SUBMIT IN DUPLICATE
Type or print clearly.

Filing Fee: $150
Approved: KH

FILE #

This space for use by Secretary of State.

FILED

SEP 11 2019

JESSE WHITE
SECRETARY OF STATE

1. Limited Liability Company name (see Note 1): Cboe Global Indices, LLC

2. Address of principal place of business where records of the company will be kept: (P.O. Box alone or c/o is unacceptable.)
400 South LaSalle Street, Chicago, Illinois 60605

3. Articles of Organization effective on: (check one)
☑ the filing date
☐ a later date (not to exceed 60 days after the filing date): _____ (Month, Day, Year)

4. Registered agent's name and registered office address:

Registered agent: CT Corporation System
(P.O. Box alone or c/o is unacceptable.) First Name | Middle Initial | Last Name

Registered office: 208 South LaSalle Street | Suite 814
Number | Street | Suite #

Chicago | IL | 60604
City | ZIP

Note: The registered agent must reside in Illinois. If the agent is a business entity, it must be authorized to act as agent in this state.

5. Purpose(s) for which the Limited Liability Company is organized: (see Note 2)
The transaction of any or all lawful business for which Limited Liability Companies may be organized under this Act and/or exclusively for the purpose(s) stated below:

N/A

6. The duration of the company is perpetual unless otherwise stated. If the operating agreement provides for a dissolution date, enter that date here: _____ (Month/Day / Year)

LLC-5.5

7. **Optional:** Other provisions for the regulation of the internal affairs of the company: (If additional space is needed, use sheets of this size.) _____

8. The Limited Liability Company has or will have on the effective date of filing one or more members.

9. Name(s) and business address(es) of the manager(s) and any member with the authority of manager:

Name	Number & Street	City	State	ZIP
Edward T. Tilly	400 South LaSalle Street	Chicago	IL	60605
Brian N. Schell	400 South LaSalle Street	Chicago	IL	60605
Catherine Clay	400 South LaSalle Street	Chicago	IL	60605

(If additional space is needed, use sheets of this size.)

10. **Name and Address of Organizer(s):**

I affirm, under penalties of perjury, having authority to sign hereto, that these Articles of Organization are to the best of my knowledge and belief, true, correct and complete.

Dated: September 11, 2019
Month/Day Year

1. _____
Signature

Patrick Sexton, EVP, General Counsel & Corp. Secretary
Name and Title (type or print)

Cboe Global Markets, Inc.
If organizer is signing for a company or other entity, state name of company or entity.

1. 400 South LaSalle Street
Number Street

Chicago
City

Illinois 60605
State ZIP

2. _____
Signature

_____
Name (type or print)

_____
If organizer is signing for a company or other entity, state name of company or entity.

2. _____
Number Street

_____
City

_____
State ZIP

Note 1: The name must contain the term Limited Liability Company, LLC or L.L.C. The name cannot contain any of the following terms: "Corporation," "Corp." "Incorporated," "Inc.," "Ltd.," "Co.," "Limited Partnership" or "LP." However, a limited liability company that will provide services licensed by the Illinois Department of Financial and Professional Regulation must instead contain the term Professional Limited Liability Company, PLLC or P.L.L.C. in the name.

Note 2: A professional limited liability company must state the specific professional service or related professional services to be rendered by the professional limited liability company.