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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) 02/20/15	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			
15020144			
1. State the name of the applicant: <u>BATS Y-Exchange, Inc.</u> 2. Provide the applicant's primary street address (Do not use a P.O. Box): <u>8050 Marshall Dr., Suite 120</u> <u>Lenexa, Kansas 66214</u> 3. Provide the applicant's mailing address (if different): _____ _____ 4. Provide the business telephone and facsimile number: <u>(913) 815-7000</u> <u>(913) 815-7119</u> (Telephone) (Facsimile) 5. Provide the name, title and telephone number of a contact employee: <u>Eric Swanson</u> <u>General Counsel, BATS Y-Exchange, Inc.</u> <u>(212) 378-8520</u> (Name) (Title) (Telephone Number) 6. Provide the name and address of counsel for the applicant: <u>Eric Swanson</u> <u>17 State Street</u> <u>New York, NY 10005</u> 7. Provide the date that applicant's fiscal year ends: <u>December 31</u> 8. Indicate legal status of the applicant: ☒ 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): <u>7/30/09</u> (b) State/Country of formation: <u>Delaware/United States of America</u> (c) Statute under which applicant was organized: <u>General Corporation Law of the State of Delaware</u>			
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: <u>02/20/15</u> (MM/DD/YY) By: <u>[Signature]</u> (Signature) Subscribed and sworn before me this <u>20th</u> day of <u>February</u>, <u>2015</u> by <u>[Signature]</u> (Month) (Year) (Notary Public) My Commission expires <u>03-27-2016</u> County of <u>Johnson</u> State of <u>Kansas</u>			
This page must always be completed in full with original, manual signature and notarization. Affix notary stamp or seal where applicable.			

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TERESA LAFFOON
 NOTARY PUBLIC
 STATE OF KANSAS
 My App. Exp. 03-27-2016

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, Inc.

1. *Name:* BATS Global Markets, 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 August 22, 2013.

4. *Brief description of nature and extent of affiliation:* BATS Global Markets, Inc. owns 100% of the outstanding common stock of BATS Global Markets Holdings, Inc., which is the Exchange's 100% owner.
5. *Brief description of business or functions:* BATS Global Markets, Inc. is the ultimate parent company through which the ultimate owners of the Exchange indirectly hold their ownership interest in the Exchange and its affiliates.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- David Cummings
- Michael Richter
- Alan Freudenstein
- John McCarthy
- John Comerford
- Daniel Keegan
- Bina Kalola
- Paul Atkins
- Robert Jones
- Brett Redfearn
- Christopher Mitchell
- Jamil Nazarali
- Darren Cohen
- Brian Fagen

Current Officers

- Joe Ratterman (CEO)
- Chris Concannon (President)
- Chris Isaacson (Executive Vice President, Chief Information Officer)
- Bryan Harkins (Executive Vice President, Head of U.S. Markets)
- Eric Swanson (Executive Vice President, General Counsel, Secretary)
- Mark Hemsley (Executive Vice President, Chief Executive Officer of BATS Europe)
- Brian N. Schell (Executive Vice President, Chief Financial Officer, Treasurer)
- Tami Schademann (Executive Vice President, Chief Compliance Officer)

Compensation Committee

- Rob Jones
- Michael Richter
- Chris Mitchell

Audit Committee

- Michael Richter
- John Comerford
- Alan Freudenstein

Nominating and Corporate Governance Committee

- John McCarthy
- David Cummings
- Alan Freudenstein

Technology Advisory Committee

- John Comerford
- Daniel Keegan
- John McCarthy

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

B. 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:* 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:* See attached.
8. *Copy of existing by-laws:* See attached.

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

Current Directors

- Joe Ratterman

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Tami Schademann (Executive Vice President)
- Bryan Harkins (Executive Vice President, Head of U.S. Markets)
- Eric Swanson (Secretary)
- Brian N. Schell (Treasurer)

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

C. Direct Edge Holdings LLC

1. *Name:* Direct Edge 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 June 5, 2007.
4. *Brief description of nature and extent of affiliation:* BATS Global Markets, Inc., the Exchange's ultimate parent, owns 100% of the outstanding membership interests of Direct Edge Holdings LLC.
5. *Brief description of business or functions:* Direct Edge Holdings LLC is an intermediate holding company.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws or corresponding rules or instruments:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- None

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Eric Swanson (General Counsel, Secretary)
- Brian N. Schell (Chief Financial Officer, Treasurer)

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

D. Direct Edge LLC

1. *Name:* Direct Edge LLC (f/k/a Direct Edge, Inc.)
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:* Direct Edge Holdings 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 EDGA Exchange, Inc. and EDGX Exchange, Inc.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws or corresponding rules or instruments:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Eric Swanson (Secretary)
- Brian N. Schell (Chief Financial Officer)
- Chris Isaacson (Chief Information Officer)

- Bryan Harkins (Executive Vice President, Head of U.S. Markets)

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

E. BATS Exchange, Inc.

1. *Name:* BATS Exchange, 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 November 1, 2007.
4. *Brief description of nature and extent of affiliation:* BATS 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:* BATS 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:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- James Selway
- Chris Isaacson
- Brett Redfearn
- Peter Wallison
- David Roscoe
- Harry Temkin
- Sandy Kemper
- Scott Wagner
- Jill Sommers
- Adam Nunes
- Matt Billings

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Chris Isaacson (Executive Vice President, Chief Information Officer)
- Bryan Harkins (Executive Vice President, Head of U.S. Markets)
- Tami Schademann (Executive Vice President, Chief Regulatory Officer)
- Eric Swanson (Executive Vice President, General Counsel, Secretary)
- Brian N. Schell (Executive Vice President, Chief Financial Officer, Treasurer)
- Charles Randy Williams (Senior Vice President, Global Investor Relations & Communications)
- Tony Barchetto (Senior Vice President, Business Development)
- Jeromee Johnson (Vice President, Options Market Development)
- Anders Franzon (Vice President, Associate General Counsel)
- Joe Bracco (Senior Vice President, Head of Institutional and Strategic Relations)
- Bryan Christian (Senior Vice President, Head of U.S. Sales)
- Troy Yeazel (Vice President, Operations)
- Jeff Connell (Vice President, Market Oversight)
- Derick Shupe (Vice President, Controller)
- Greg Steinberg (Vice President, Assistant Secretary and Associate General Counsel)
- Aaron Weissenfluh (Vice President, Chief Information Security Officer)
- Eric Crampton (Vice President, Global Head of Software Engineering)
- Rodney Burt (Vice President, Infrastructure)
- Kevin Carrai (Vice President, Connectivity, Data & Member Services)
- Stacie Fleming (Vice President, Communications)

Standing Committees

Compensation Committee

- Peter Wallison
- Sandy Kemper
- Harry Temkin

Audit Committee

- Scott Wagner
- David Roscoe

Regulatory Oversight Committee

- Jill Sommers
- Sandy Kemper
- Peter Wallison

Appeals Committee

- Brett Redfearn
- James Selway
- Scott Wagner

Executive Committee

- Joe Ratterman
- Sandy Kemper
- David Roscoe
- Harry Temkin
- James Selway
- Adam Nunes

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

F. EDGA Exchange, Inc.

1. *Name:* EDGA Exchange, 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:* 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:* EDGA Exchange, Inc. is an indirect wholly-owned subsidiary of BATS Global Markets, Inc., the Exchange's ultimate parent.
5. *Brief description of business or functions:* EDGA 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:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- James Selway
- Chris Isaacson

- Brett Redfearn
- Peter Wallison
- David Roscoe
- Harry Temkin
- Sandy Kemper
- Scott Wagner
- Jill Sommers
- Adam Nunes
- Matt Billings

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Chris Isaacson (Executive Vice President, Chief Information Officer)
- Bryan Harkins (Executive Vice President, Head of U.S. Markets)
- Tami Schademmann (Executive Vice President, Chief Regulatory Officer)
- Eric Swanson (Executive Vice President, General Counsel, Secretary)
- Brian N. Schell (Executive Vice President, Chief Financial Officer, Treasurer)
- Charles Randy Williams (Senior Vice President, Global Investor Relations & Communications)
- Tony Barchetto (Senior Vice President, Business Development)
- Jeromee Johnson (Vice President, Options Market Development)
- Anders Franzon (Vice President, Associate General Counsel)
- Joe Bracco (Senior Vice President, Head of Institutional and Strategic Relations)
- Bryan Christian (Senior Vice President, Head of U.S. Sales)
- Troy Yeazel (Vice President, Operations)
- Jeff Connell (Vice President, Market Oversight)
- Derick Shupe (Vice President, Controller)
- Greg Steinberg (Vice President, Assistant Secretary and Associate General Counsel)
- Aaron Weissenfluh (Vice President, Chief Information Security Officer)
- Eric Crampton (Vice President, Global Head of Software Engineering)
- Rodney Burt (Vice President, Infrastructure)
- Kevin Carrai (Vice President, Connectivity, Data & Member Services)
- Stacie Fleming (Vice President, Communications)

Standing Committees

Compensation Committee

- Peter Wallison
- Sandy Kemper
- Harry Temkin

Audit Committee

- Scott Wagner
- David Roscoe

Regulatory Oversight Committee

- Jill Sommers
- Sandy Kemper
- Peter Wallison

Appeals Committee

- Brett Redfearn
- James Selway
- Scott Wagner

Executive Committee

- Joe Ratterman
- Sandy Kemper
- David Roscoe
- Harry Temkin
- James Selway
- Adam Nunes

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

G. EDGX Exchange, Inc.

1. *Name:* EDGX Exchange, 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:* 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:* EDGX Exchange, Inc. is an indirect wholly-owned subsidiary of BATS Global Markets, Inc., the Exchange's ultimate parent.
5. *Brief description of business or functions:* EDGX 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:* See attached.

8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- James Selway
- Chris Isaacson
- Brett Redfearn
- Peter Wallison
- David Roscoe
- Harry Temkin
- Sandy Kemper
- Scott Wagner
- Jill Sommers
- Adam Nunes
- Matt Billings

Current Officers

- Joe Ratterman (Chief Executive Officer)
- Chris Concannon (President)
- Chris Isaacson (Executive Vice President, Chief Information Officer)
- Bryan Harkins (Executive Vice President, Head of U.S. Markets)
- Tami Schademann (Executive Vice President, Chief Regulatory Officer)
- Eric Swanson (Executive Vice President, General Counsel, Secretary)
- Brian N. Schell (Executive Vice President, Chief Financial Officer, Treasurer)
- Charles Randy Williams (Senior Vice President, Global Investor Relations & Communications)
- Tony Barchetto (Senior Vice President, Business Development)
- Jeromee Johnson (Vice President, Options Market Development)
- Anders Franzon (Vice President, Associate General Counsel)
- Joe Bracco (Senior Vice President, Head of Institutional and Strategic Relations)
- Bryan Christian (Senior Vice President, Head of U.S. Sales)
- Troy Yeazel (Vice President, Operations)
- Jeff Connell (Vice President, Market Oversight)
- Derick Shupe (Vice President, Controller)
- Greg Steinberg (Vice President, Assistant Secretary and Associate General Counsel)
- Aaron Weissenfluh (Vice President, Chief Information Security Officer)
- Eric Crampton (Vice President, Global Head of Software Engineering)
- Rodney Burt (Vice President, Infrastructure)
- Kevin Carrai (Vice President, Connectivity, Data & Member Services)
- Stacie Fleming (Vice President, Communications)

Standing Committees

Compensation Committee

- Peter Wallison
- Sandy Kemper
- Harry Temkin

Audit Committee

- Scott Wagner
- David Roscoe

Regulatory Oversight Committee

- Jill Sommers
- Sandy Kemper
- Peter Wallison

Appeals Committee

- Brett Redfearn
- James Selway
- Scott Wagner

Executive Committee

- Joe Ratterman
- Sandy Kemper
- David Roscoe
- Harry Temkin
- James Selway
- Adam Nunes

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

H. BATS Trading, Inc.

1. *Name:* BATS 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:* BATS 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:* BATS 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. BATS Trading, Inc. provides routing of orders from the Exchange BATS Y-Exchange, Inc., EDGA Exchange, Inc. and 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:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- Chris Isaacson
- Tami Schademann
- Chris Concannon

Current Officers

- Chris Isaacson (President)
- Tami Schademann (Chief Compliance Officer, Secretary)
- Brian N. Schell (Chief Financial Officer, FINOP, Treasurer)
- Jeromee Johnson (VP, Options)

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

I. Direct Edge ECN LLC (d/b/a DE Route)

1. *Name:* Direct Edge ECN LLC (d/b/a DE Route)
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 April 19, 2005.
4. *Brief description of nature and extent of affiliation:* DE Route is an indirect wholly-owned subsidiary of BATS Global Markets, Inc., the Exchange's ultimate parent.

5. *Brief description of business or functions:* DE Route 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.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws or corresponding rules or instruments:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Officers

- Brian N. Schell (Chief Financial Officer/FinOp/Treasurer)
- Neil Meislick (Chief Compliance Officer)

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

J. Omicron Holdings Corp.

1. *Name:* Omicron Holdings 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:* BATS Global Markets Holdings, Inc., which is also the Exchange's 100% owner, owns 100% of the common stock of Omicron Holdings Corp.
5. *Brief description of business or functions:* Omicron Holdings Corp. is a Delaware corporation established to hold Omicron Acquisitions Corp. and Omicron Intermediate Holdings Corp. potential future operating entities.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- Mark Hemsley

Current Officers

- Mark Hemsley (President and Treasurer)
- Eric Swanson (Vice President, Secretary)

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

K. Omicron Intermediate Holdings Corp.

1. *Name:* Omicron Intermediate Holdings 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 Intermediate Holdings Corp. is wholly-owned by BATS Global Markets Holdings, Inc., which is also the Exchange's 100% owner.
5. *Brief description of business or functions:* Omicron Intermediate Holdings Corp. is a Delaware corporation established to acquire and potentially operate the assets of existing operating companies.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- Mark Hemsley

Current Officers

- Mark Hemsley (President and Treasurer)
- Eric Swanson (Vice President, Secretary)

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

L. 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 Omicron Holdings Corp., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Omicron Acquisition Corp. is a Delaware corporation established to acquire and potentially operate the assets of existing operating companies.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Joe Ratterman
- Mark Hemsley

Current Officers

- Mark Hemsley (President and Treasurer)
- Eric Swanson (Vice President, Secretary)

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

M. BATS International Holdings Limited

1. *Name:* BATS International Holdings Limited
Address: 10 Lower Thames Street, 6th Floor, London, UK EC3R 6AF
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:* BATS International Holdings Limited is wholly-owned by Omicron Acquisition Corp. which is an affiliate of the Exchange.
5. *Brief description of business or functions:* BATS International Holdings Limited is a holding company of BATS Hotspot Europe Limited and BATS Hotspot Asia Pte. Ltd.
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
Mark Hemsley
Chris Concannon

Current Officers
Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

N. BATS Hotspot Europe Limited

1. *Name:* BATS Hotspot Europe Limited
Address: 10 Lower Thames Street, 6th Floor, London, UK EC3R 6AF
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:* BATS Hotspot Europe Limited is wholly-owned by BATS International Holdings Limited which is wholly-owned by Omicron Acquisition Corp. which is an affiliate of the Exchange.

5. *Brief description of business or functions:* BATS Hotspot Europe Limited currently has no operations, but will at some point in the future operate BATS' spot foreign exchange market in Europe.
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
Mark Hemsley
Chris Concannon

Current Officers
Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

O. BATS Trading Limited

1. *Name:* BATS Trading Limited
Address: 10 Lower Thames Street, 6th Floor, London, UK EC3R 6AF
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:* BATS Trading Limited is wholly-owned by Omicron Acquisition Corp. which is an affiliate of the Exchange.
5. *Brief description of business or functions:* BATS Trading Limited is recognized as a Recognised 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:* 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

- Mark Hemsley
- Adam Eades
- John Woodman
- Anthony Whalley
- William Eldridge
- Virginie Saade
- Rebecca Fuller
- Paul Hilgers
- Julian Corner

Current Officers

- Mark Hemsley (CEO)
- Antonio Amelia (Secretary)
- Jill Griebenow (CFO)
- Adam Eades (Chief Legal and Regulatory Officer)
- Jerry Avenell (Co-Head Sales)
- Alex Dalley (Co-Head Sales)
- Guy Simpkin (Head of Business Development)
- David Howson (COO)

Standing Committees

Audit, Risk and Compliance Committee

- William Eldridge
- Anthony Whalley
- Rebecca Fuller

Remuneration Committee

- John Woodman
- Anthony Whalley
- Rebecca Fuller

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

P. Chi-X Europe Limited

1. *Name:* Chi-X Europe Limited
Address: 10 Lower Thames Street, 6th Floor, London, UK EC3R 6AF
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. It changed its name to Chi-X Europe Limited on July 2, 2007.
4. *Brief description of nature and extent of affiliation:* Chi-X Europe Limited is wholly-owned by BATS Trading Limited which, in turn, is indirectly wholly owned by BATS Global Markets, Inc.
5. *Brief description of business or functions:* Chi-X Europe Limited is authorised 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, Chi-X Europe Limited operates the smart order router that is needed for the routing strategies deployed by BATS Trading Limited
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

- Mark Hemsley
- Adam Eades
- John Woodman

Current Officers

- Mark Hemsley (CEO)
- Antonio Amelia (Secretary)
- Jill Griebenow (CFO)
- Adam Eades (Chief Legal and Regulatory Officer)
- Jerry Avenell (Co-Head Sales)
- Alex Dalley (Co-Head Sales)
- Guy Simpkin (Head of Business Development)
- David Howson (COO)

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

Q. BATS FX, Inc.

1. *Name:* BATS FX, 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 September 17, 2012.
4. *Brief description of nature and extent of affiliation:* BATS FX, 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:* BATS FX, Inc. was created to operate a global foreign exchange market, but remains dormant at this time.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* See attached.
8. *Copy of existing by-laws:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Joe Ratterman
Current Officers
 - Chris Concannon (President)
 - Eric Swanson (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

R. Blue Merger Sub Inc.

1. *Name:* Blue Merger Sub 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 August 22, 2013.
4. *Brief description of nature and extent of affiliation:* As of January 31, 2014, Blue Merger Sub Inc. ceased to exist.
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:* See attached.
8. *Copy of existing by-laws or corresponding rules or instruments:* See attached.
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:* On January 31, 2014, Blue Merger Sub, Inc. was merged with and into BATS Global Markets Holdings, Inc. (f/k/a BATS Global Markets, Inc.), with BATS Global Markets Holdings, Inc. surviving, resulting in Blue Merger Sub, Inc. ceasing to exist.

S. Delta Merger Sub LLC

1. *Name:* Delta Merger Sub 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:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on August 22, 2013.
4. *Brief description of nature and extent of affiliation:* As of January 31, 2014, Delta Merger Sub LLC ceased to exist.
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:* See attached.
8. *Copy of existing by-laws or corresponding rules or instruments:* See attached.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:* None.

Indication of whether such business or organization ceased to be associated with the applicant during previous year: On January 31, 2014, Delta Merger Sub LLC was merged with and into Direct Edge Holdings LLC, with Direct Edge Holdings LLC surviving, resulting in Delta Merger Sub LLC ceasing to exist.

Form 1, Exhibit C Index of Attachments

- C-1 BATS GLOBAL MARKETS, INC.
- C-2 BATS GLOBAL MARKETS HOLDINGS, INC
- C-3 DIRECT EDGE HOLDINGS LLC
- C-4 DIRECT EDGE LLC
- C-5 BATS EXCHANGE, INC.
- C-6 EDGA EXCHANGE, INC.
- C-7 EDGX EXCHANGE, INC.
- C-8 BATS TRADING, INC.
- C-9 DIRECT EDGE ECN LLC
- C-10 OMICRON HOLDINGS CORP.
- C-11 OMICRON INTERMEDIATE HOLDINGS CORP.
- C-12 OMICRON ACQUISITION CORP.
- C-13 BATS INTERNATIONAL HOLDINGS LIMITED – *New Entity (Organizational Documents Attached)*
- C-14 BATS HOTSPOT EUROPE LIMITED – *New Entity (Organizational Documents Attached)*
- C-15 BATS TRADING LIMITED - *No new organizational documents (Index Number Change Only)*
- C-16 CHI-X EUROPE LIMITED - *No new organizational documents (Index Number Change Only)*
- C-17 BATS FX, INC. - *No new organizational documents (Index Number Change Only)*
- C-18 BLUE MERGER SUB INC. - *No new organizational documents (Index Number Change Only)*
- C-19 DELTA MERGER SUB LLC - *No new organizational documents (Index Number Change Only)*

C-1

BATS GLOBAL MARKETS, INC.

C-2

BATS GLOBAL MARKETS HOLDINGS, INC.

C-3

DIRECT EDGE HOLDINGS LLC

C-4

DIRECT EDGE LLC

C-5

BATS EXCHANGE, INC.

C-6

EDGA EXCHANGE, INC.

C-7

EDGX EXCHANGE, INC.

C-8

BATS TRADING, INC.

C-9

DIRECT EDGE ECN LLC

C-10

OMICRON HOLDINGS CORP.

C-11

OMICRON INTERMEDIATE HOLDINGS CORP.

C-12

OMICRON ACQUISITION CORP.

C-13

BATS INTERNATIONAL HOLDINGS LIMITED



**CERTIFICATE OF INCORPORATION
OF A
PRIVATE LIMITED COMPANY**

Company Number 9423703

The Registrar of Companies for England and Wales, hereby certifies that

BATS INTERNATIONAL HOLDINGS LIMITED

is this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales.

Given at Companies House, Cardiff, on 5th February 2015.

The above information was communicated by electronic means and authenticated by the
Registrar of Companies under section 1115 of the Companies Act 2006



Companies House



**THE OFFICIAL SEAL OF THE
REGISTRAR OF COMPANIES**

COMPANY HAVING A SHARE CAPITAL

Memorandum of association of BATS INTERNATIONAL HOLDINGS LIMITED

Each subscriber to this memorandum of association wishes to form a company under the Companies Act 2006 and agrees to become a member of the company and to take at least one share.

Name of each subscriber	Authentication
Omicron Acquisition Corp.	Authenticated Electronically

Dated: 05/02/2015

MODEL ARTICLES FOR PRIVATE COMPANIES LIMITED
BY SHARES

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PART 1

INTERPRETATION AND LIMITATION OF LIABILITY

Defined terms

1. In the articles, unless the context requires otherwise—

“articles” means the company’s articles of association;

“bankruptcy” includes individual insolvency proceedings in a jurisdiction other than England and Wales or Northern Ireland which have an effect similar to that of bankruptcy;

“chairman” has the meaning given in article 12;

“chairman of the meeting” has the meaning given in article 39;

“Companies Acts” means the Companies Acts (as defined in section 2 of the Companies Act 2006), in so far as they apply to the company;

“director” means a director of the company, and includes any person occupying the position of director, by whatever name called;

“distribution recipient” has the meaning given in article 31;

“document” includes, unless otherwise specified, any document sent or supplied in electronic form;

“electronic form” has the meaning given in section 1168 of the Companies Act 2006;

“fully paid” in relation to a share, means that the nominal value and any premium to be paid to the company in respect of that share have been paid to the company;

“hard copy form” has the meaning given in section 1168 of the Companies Act 2006;

“holder” in relation to shares means the person whose name is entered in the register of

members as the holder of the shares;

“instrument” means a document in hard copy form;

“ordinary resolution” has the meaning given in section 282 of the Companies Act 2006;

“paid” means paid or credited as paid;

“participate”, in relation to a directors’ meeting, has the meaning given in article 10;

“proxy notice” has the meaning given in article 45;

“shareholder” means a person who is the holder of a share;

“shares” means shares in the company;

“special resolution” has the meaning given in section 283 of the Companies Act 2006;

“subsidiary” has the meaning given in section 1159 of the Companies Act 2006;

“transmittee” means a person entitled to a share by reason of the death or bankruptcy of a

shareholder or otherwise by operation of law; and

“writing” means the representation or reproduction of words, symbols or other information in a visible form by any method or combination of methods, whether sent or supplied in electronic form or otherwise.

Unless the context otherwise requires, other words or expressions contained in these articles bear the same meaning as in the Companies Act 2006 as in force on the date when these articles become binding on the company.

Liability of members

2. The liability of the members is limited to the amount, if any, unpaid on the shares held by them.

PART 2

DIRECTORS

DIRECTORS' POWERS AND RESPONSIBILITIES

Directors' general authority

3. Subject to the articles, the directors are responsible for the management of the company's business, for which purpose they may exercise all the powers of the company.

Shareholders' reserve power

- 4.—(1) The shareholders may, by special resolution, direct the directors to take, or refrain from taking, specified action.
(2) No such special resolution invalidates anything which the directors have done before the passing of the resolution.

Directors may delegate

- 5.—(1) Subject to the articles, the directors may delegate any of the powers which are conferred on them under the articles—
 - (a) to such person or committee;
 - (b) by such means (including by power of attorney);

- (c) to such an extent;
 - (d) in relation to such matters or territories; and
 - (e) on such terms and conditions;
- as they think fit.

(2) If the directors so specify, any such delegation may authorise further delegation of the

directors' powers by any person to whom they are delegated.

(3) The directors may revoke any delegation in whole or part, or alter its terms and conditions.

Committees

6.—(1) Committees to which the directors delegate any of their powers must follow procedures which are based as far as they are applicable on those provisions of the articles which govern the taking of decisions by directors.

(2) The directors may make rules of procedure for all or any committees, which prevail over rules derived from the articles if they are not consistent with them.

DECISION-MAKING BY DIRECTORS

Directors to take decisions collectively

7.—(1) The general rule about decision-making by directors is that any decision of the directors must be either a majority decision at a meeting or a decision taken in accordance with article 8.

(2) If—

(a) the company only has one director, and

(b) no provision of the articles requires it to have more than one director,

the general rule does not apply, and the director may take decisions without regard to any of the provisions of the articles relating to directors' decision-making.

Unanimous decisions

8.—(1) A decision of the directors is taken in accordance with this article when all eligible directors indicate to each other by any means that they share a common view on a matter.

(2) Such a decision may take the form of a resolution in writing, copies of which have been signed by each eligible director or to which each eligible director has otherwise indicated agreement in writing.

(3) References in this article to eligible directors are to directors who would have been entitled to vote on the matter had it been proposed as a resolution at a directors' meeting.

(4) A decision may not be taken in accordance with this article if the eligible directors would not have formed a quorum at such a meeting.

Calling a directors' meeting

9.—(1) Any director may call a directors' meeting by giving notice of the meeting to the directors or by authorising the company secretary (if any) to give such notice.

- (2) Notice of any directors' meeting must indicate—
- (a) its proposed date and time;
 - (b) where it is to take place; and
 - (c) if it is anticipated that directors participating in the meeting will not be in the same place, how it is proposed that they should communicate with each other during the meeting.
- (3) Notice of a directors' meeting must be given to each director, but need not be in writing.
- (4) Notice of a directors' meeting need not be given to directors who waive their entitlement to notice of that meeting, by giving notice to that effect to the company not more than 7 days after the date on which the meeting is held. Where such notice is given after the meeting has been held, that does not affect the validity of the meeting, or of any business conducted at it.

Participation in directors' meetings

- 10.—**(1) Subject to the articles, directors participate in a directors' meeting, or part of a directors' meeting, when—
- (a) the meeting has been called and takes place in accordance with the articles, and
 - (b) they can each communicate to the others any information or opinions they have on any particular item of the business of the meeting.
- (2) In determining whether directors are participating in a directors' meeting, it is irrelevant where any director is or how they communicate with each other.
- (3) If all the directors participating in a meeting are not in the same place, they may decide that the meeting is to be treated as taking place wherever any of them is.

Quorum for directors' meetings

- 11.—**(1) At a directors' meeting, unless a quorum is participating, no proposal is to be voted on, except a proposal to call another meeting.
- (2) The quorum for directors' meetings may be fixed from time to time by a decision of the directors, but it must never be less than two, and unless otherwise fixed it is two.
- (3) If the total number of directors for the time being is less than the quorum required, the directors must not take any decision other than a decision—
- (a) to appoint further directors, or
 - (b) to call a general meeting so as to enable the shareholders to appoint further directors.

Chairing of directors' meetings

- 12.—**(1) The directors may appoint a director to chair their meetings.
- (2) The person so appointed for the time being is known as the chairman.
- (3) The directors may terminate the chairman's appointment at any time.
- (4) If the chairman is not participating in a directors' meeting within ten minutes of the time at which it was to start, the participating directors must appoint one of themselves to chair it.

Casting vote

13.—(1) If the numbers of votes for and against a proposal are equal, the chairman or other director chairing the meeting has a casting vote.

(2) But this does not apply if, in accordance with the articles, the chairman or other director is not to be counted as participating in the decision-making process for quorum or voting purposes.

Conflicts of interest

14.—(1) If a proposed decision of the directors is concerned with an actual or proposed transaction or arrangement with the company in which a director is interested, that director is not to be counted as participating in the decision-making process for quorum or voting purposes.

(2) But if paragraph (3) applies, a director who is interested in an actual or proposed transaction or arrangement with the company is to be counted as participating in the decision-making process for quorum and voting purposes.

(3) This paragraph applies when—

(a) the company by ordinary resolution disapplies the provision of the articles which would otherwise prevent a director from being counted as participating in the decision-making process;

(b) the director's interest cannot reasonably be regarded as likely to give rise to a conflict of interest; or

(c) the director's conflict of interest arises from a permitted cause.

(4) For the purposes of this article, the following are permitted causes—

(a) a guarantee given, or to be given, by or to a director in respect of an obligation incurred by or on behalf of the company or any of its subsidiaries;

(b) subscription, or an agreement to subscribe, for shares or other securities of the company or any of its subsidiaries, or to underwrite, sub-underwrite, or guarantee subscription for any such shares or securities; and

(c) arrangements pursuant to which benefits are made available to employees and directors or former employees and directors of the company or any of its subsidiaries which do not provide special benefits for directors or former directors.

(5) For the purposes of this article, references to proposed decisions and decision-making

processes include any directors' meeting or part of a directors' meeting.

(6) Subject to paragraph (7), if a question arises at a meeting of directors or of a committee of directors as to the right of a director to participate in the meeting (or part of the meeting) for voting or quorum purposes, the question may, before the conclusion of the meeting, be referred to the chairman whose ruling in relation to any director other than the chairman is to be final and conclusive.

(7) If any question as to the right to participate in the meeting (or part of the meeting) should arise in respect of the chairman, the question is to be decided by a decision of the directors at that meeting, for which purpose the chairman is not to be counted as participating in the meeting (or that part of the meeting) for voting or quorum purposes.

Records of decisions to be kept

15. The directors must ensure that the company keeps a record, in writing, for at least 10 years from the date of the decision recorded, of every unanimous or majority decision taken by the directors.

Directors' discretion to make further rules

16. Subject to the articles, the directors may make any rule which they think fit about how they take decisions, and about how such rules are to be recorded or communicated to directors.

APPOINTMENT OF DIRECTORS

Methods of appointing directors

17.—(1) Any person who is willing to act as a director, and is permitted by law to do so, may be appointed to be a director—

- (a) by ordinary resolution, or
- (b) by a decision of the directors.

(2) In any case where, as a result of death, the company has no shareholders and no directors, the personal representatives of the last shareholder to have died have the right, by notice in writing, to appoint a person to be a director.

(3) For the purposes of paragraph (2), where 2 or more shareholders die in circumstances

rendering it uncertain who was the last to die, a younger shareholder is deemed to have survived an older shareholder.

Termination of director's appointment

18. A person ceases to be a director as soon as—

- (a) that person ceases to be a director by virtue of any provision of the Companies Act 2006 or is prohibited from being a director by law;
- (b) a bankruptcy order is made against that person;
- (c) a composition is made with that person's creditors generally in satisfaction of that

person's debts;

- (d) a registered medical practitioner who is treating that person gives a written opinion to the company stating that that person has become physically or mentally incapable of acting as a director and may remain so for more than three months;

(e) *[paragraph omitted pursuant to The Mental Health (Discrimination) Act 2013]*

- (f) notification is received by the company from the director that the director is resigning from office, and such resignation has taken effect in accordance with its terms.

Directors' remuneration

- 19.—(1) Directors may undertake any services for the company that the directors decide.
- (2) Directors are entitled to such remuneration as the directors determine—
- (a) for their services to the company as directors, and
 - (b) for any other service which they undertake for the company.
- (3) Subject to the articles, a director's remuneration may—
- (a) take any form, and
 - (b) include any arrangements in connection with the payment of a pension, allowance or gratuity, or any death, sickness or disability benefits, to or in respect of that director.
- (4) Unless the directors decide otherwise, directors' remuneration accrues from day to day.
- (5) Unless the directors decide otherwise, directors are not accountable to the company for any remuneration which they receive as directors or other officers or employees of the company's subsidiaries or of any other body corporate in which the company is interested.

Directors' expenses

20. The company may pay any reasonable expenses which the directors properly incur in connection with their attendance at—
- (a) meetings of directors or committees of directors,
 - (b) general meetings, or
 - (c) separate meetings of the holders of any class of shares or of debentures of the company, or otherwise in connection with the exercise of their powers and the discharge of their responsibilities in relation to the company.

PART 3

SHARES AND DISTRIBUTIONS

SHARES

All shares to be fully paid up

- 21.—(1) No share is to be issued for less than the aggregate of its nominal value and any premium to be paid to the company in consideration for its issue.
- (2) This does not apply to shares taken on the formation of the company by the subscribers to the company's memorandum.

Powers to issue different classes of share

- 22.—(1) Subject to the articles, but without prejudice to the rights attached to any existing share, the company may issue shares with such rights or restrictions as may be determined by ordinary resolution.

(2) The company may issue shares which are to be redeemed, or are liable to be redeemed at the option of the company or the holder, and the directors may determine the terms, conditions and manner of redemption of any such shares.

Company not bound by less than absolute interests

23. Except as required by law, no person is to be recognised by the company as holding any share upon any trust, and except as otherwise required by law or the articles, the company is not in any way to be bound by or recognise any interest in a share other than the holder's absolute ownership of it and all the rights attaching to it.

Share certificates

24.—(1) The company must issue each shareholder, free of charge, with one or more certificates in respect of the shares which that shareholder holds.

(2) Every certificate must specify—

- (a) in respect of how many shares, of what class, it is issued;
- (b) the nominal value of those shares;
- (c) that the shares are fully paid; and
- (d) any distinguishing numbers assigned to them.

(3) No certificate may be issued in respect of shares of more than one class.

(4) If more than one person holds a share, only one certificate may be issued in respect of it.

(5) Certificates must—

- (a) have affixed to them the company's common seal, or
- (b) be otherwise executed in accordance with the Companies Acts.

Replacement share certificates

25.—(1) If a certificate issued in respect of a shareholder's shares is—

- (a) damaged or defaced, or
- (b) said to be lost, stolen or destroyed, that shareholder is entitled to be issued with a replacement certificate in respect of the same shares.

(2) A shareholder exercising the right to be issued with such a replacement certificate—

- (a) may at the same time exercise the right to be issued with a single certificate or separate certificates;
- (b) must return the certificate which is to be replaced to the company if it is damaged or defaced; and
- (c) must comply with such conditions as to evidence, indemnity and the payment of a reasonable fee as the directors decide.

Share transfers

26.—(1) Shares may be transferred by means of an instrument of transfer in any usual form or any other form approved by the directors, which is executed by or on behalf of the transferor.

- (2) No fee may be charged for registering any instrument of transfer or other document relating to or affecting the title to any share.
- (3) The company may retain any instrument of transfer which is registered.
- (4) The transferor remains the holder of a share until the transferee's name is entered in the register of members as holder of it.
- (5) The directors may refuse to register the transfer of a share, and if they do so, the instrument of transfer must be returned to the transferee with the notice of refusal unless they suspect that the proposed transfer may be fraudulent.

Transmission of shares

- 27.—(1) If title to a share passes to a transmittee, the company may only recognise the transmittee as having any title to that share.
- (2) A transmittee who produces such evidence of entitlement to shares as the directors may properly require—
- (a) may, subject to the articles, choose either to become the holder of those shares or to have them transferred to another person, and
 - (b) subject to the articles, and pending any transfer of the shares to another person, has the same rights as the holder had.
- (3) But transmittees do not have the right to attend or vote at a general meeting, or agree to a proposed written resolution, in respect of shares to which they are entitled, by reason of the holder's death or bankruptcy or otherwise, unless they become the holders of those shares.

Exercise of transmittees' rights

- 28.—(1) Transmittees who wish to become the holders of shares to which they have become entitled must notify the company in writing of that wish.
- (2) If the transmittee wishes to have a share transferred to another person, the transmittee must execute an instrument of transfer in respect of it.
- (3) Any transfer made or executed under this article is to be treated as if it were made or executed by the person from whom the transmittee has derived rights in respect of the share, and as if the event which gave rise to the transmission had not occurred.

Transmittees bound by prior notices

29. If a notice is given to a shareholder in respect of shares and a transmittee is entitled to those shares, the transmittee is bound by the notice if it was given to the shareholder before the transmittee's name has been entered in the register of members.

DIVIDENDS AND OTHER DISTRIBUTIONS

Procedure for declaring dividends

- 30.—(1) The company may by ordinary resolution declare dividends, and the directors may decide to pay interim dividends.

- (2) A dividend must not be declared unless the directors have made a recommendation as to its amount. Such a dividend must not exceed the amount recommended by the directors.
- (3) No dividend may be declared or paid unless it is in accordance with shareholders' respective rights.
- (4) Unless the shareholders' resolution to declare or directors' decision to pay a dividend, or the terms on which shares are issued, specify otherwise, it must be paid by reference to each shareholder's holding of shares on the date of the resolution or decision to declare or pay it.
- (5) If the company's share capital is divided into different classes, no interim dividend may be paid on shares carrying deferred or non-preferred rights if, at the time of payment, any preferential dividend is in arrear.
- (6) The directors may pay at intervals any dividend payable at a fixed rate if it appears to them that the profits available for distribution justify the payment.
- (7) If the directors act in good faith, they do not incur any liability to the holders of shares conferring preferred rights for any loss they may suffer by the lawful payment of an interim dividend on shares with deferred or non-preferred rights.

Payment of dividends and other distributions

- 31.**—(1) Where a dividend or other sum which is a distribution is payable in respect of a share, it must be paid by one or more of the following means—
- (a) transfer to a bank or building society account specified by the distribution recipient either in writing or as the directors may otherwise decide;
 - (b) sending a cheque made payable to the distribution recipient by post to the distribution recipient at the distribution recipient's registered address (if the distribution recipient is a holder of the share), or (in any other case) to an address specified by the distribution recipient either in writing or as the directors may otherwise decide;
 - (c) sending a cheque made payable to such person by post to such person at such address as the distribution recipient has specified either in writing or as the directors may otherwise decide; or
 - (d) any other means of payment as the directors agree with the distribution recipient either in writing or by such other means as the directors decide.
- (2) In the articles, "the distribution recipient" means, in respect of a share in respect of which a dividend or other sum is payable—
- (a) the holder of the share; or
 - (b) if the share has two or more joint holders, whichever of them is named first in the register of members; or
 - (c) if the holder is no longer entitled to the share by reason of death or bankruptcy, or otherwise by operation of law, the transmittee.

No interest on distributions

- 32.** The company may not pay interest on any dividend or other sum payable in respect of a share unless otherwise provided by—
- (a) the terms on which the share was issued, or

(b) the provisions of another agreement between the holder of that share and the company.

Unclaimed distributions

33.—(1) All dividends or other sums which are—

- (a) payable in respect of shares, and
- (b) unclaimed after having been declared or become payable, may be invested or otherwise made use of by the directors for the benefit of the company until claimed.

(2) The payment of any such dividend or other sum into a separate account does not make the company a trustee in respect of it.

(3) If—

- (a) twelve years have passed from the date on which a dividend or other sum became due for payment, and
- (b) the distribution recipient has not claimed it,

the distribution recipient is no longer entitled to that dividend or other sum and it ceases to remain owing by the company.

Non-cash distributions

34.—(1) Subject to the terms of issue of the share in question, the company may, by ordinary resolution on the recommendation of the directors, decide to pay all or part of a dividend or other distribution payable in respect of a share by transferring non-cash assets of equivalent value (including, without limitation, shares or other securities in any company).

(2) For the purposes of paying a non-cash distribution, the directors may make whatever arrangements they think fit, including, where any difficulty arises regarding the distribution—

- (a) fixing the value of any assets;
- (b) paying cash to any distribution recipient on the basis of that value in order to adjust the rights of recipients; and
- (c) vesting any assets in trustees.

Waiver of distributions

35. Distribution recipients may waive their entitlement to a dividend or other distribution

payable in respect of a share by giving the company notice in writing to that effect, but if—

- (a) the share has more than one holder, or
- (b) more than one person is entitled to the share, whether by reason of the death or

bankruptcy of one or more joint holders, or otherwise,

the notice is not effective unless it is expressed to be given, and signed, by all the holders or persons otherwise entitled to the share.

CAPITALISATION OF PROFITS

Authority to capitalise and appropriation of capitalised sums

36.—(1) Subject to the articles, the directors may, if they are so authorised by an ordinary resolution—

- (a) decide to capitalise any profits of the company (whether or not they are available for distribution) which are not required for paying a preferential dividend, or any sum standing to the credit of the company's share premium account or capital redemption reserve; and
 - (b) appropriate any sum which they so decide to capitalise (a "capitalised sum") to the persons who would have been entitled to it if it were distributed by way of dividend (the "persons entitled") and in the same proportions.
- (2) Capitalised sums must be applied—
- (a) on behalf of the persons entitled, and
 - (b) in the same proportions as a dividend would have been distributed to them.
- (3) Any capitalised sum may be applied in paying up new shares of a nominal amount equal to the capitalised sum which are then allotted credited as fully paid to the persons entitled or as they may direct.
- (4) A capitalised sum which was appropriated from profits available for distribution may be applied in paying up new debentures of the company which are then allotted credited as fully paid to the persons entitled or as they may direct.
- (5) Subject to the articles the directors may—
- (a) apply capitalised sums in accordance with paragraphs (3) and (4) partly in one way and partly in another;
 - (b) make such arrangements as they think fit to deal with shares or debentures becoming distributable in fractions under this article (including the issuing of fractional certificates or the making of cash payments); and
 - (c) authorise any person to enter into an agreement with the company on behalf of all the persons entitled which is binding on them in respect of the allotment of shares and debentures to them under this article.

PART 4

DECISION-MAKING BY SHAREHOLDERS

ORGANISATION OF GENERAL MEETINGS

Attendance and speaking at general meetings

37.—(1) A person is able to exercise the right to speak at a general meeting when that person is in a position to communicate to all those attending the meeting, during the meeting, any information or opinions which that person has on the business of the meeting.

- (2) A person is able to exercise the right to vote at a general meeting when—
- (a) that person is able to vote, during the meeting, on resolutions put to the vote at the meeting, and
 - (b) that person's vote can be taken into account in determining whether or not such

resolutions are passed at the same time as the votes of all the other persons attending the meeting.

(3) The directors may make whatever arrangements they consider appropriate to enable those attending a general meeting to exercise their rights to speak or vote at it.

(4) In determining attendance at a general meeting, it is immaterial whether any two or more members attending it are in the same place as each other.

(5) Two or more persons who are not in the same place as each other attend a general meeting if their circumstances are such that if they have (or were to have) rights to speak and vote at that meeting, they are (or would be) able to exercise them.

Quorum for general meetings

38. No business other than the appointment of the chairman of the meeting is to be transacted at a general meeting if the persons attending it do not constitute a quorum.

Chairing general meetings

39.—(1) If the directors have appointed a chairman, the chairman shall chair general meetings if present and willing to do so.

(2) If the directors have not appointed a chairman, or if the chairman is unwilling to chair the meeting or is not present within ten minutes of the time at which a meeting was due to start—

(a) the directors present, or

(b) (if no directors are present), the meeting,

must appoint a director or shareholder to chair the meeting, and the appointment of the chairman of the meeting must be the first business of the meeting.

(3) The person chairing a meeting in accordance with this article is referred to as “the chairman of the meeting”.

Attendance and speaking by directors and non-shareholders

40.—(1) Directors may attend and speak at general meetings, whether or not they are shareholders.

(2) The chairman of the meeting may permit other persons who are not—

(a) shareholders of the company, or

(b) otherwise entitled to exercise the rights of shareholders in relation to general meetings,

to attend and speak at a general meeting.

Adjournment

41.—(1) If the persons attending a general meeting within half an hour of the time at which the meeting was due to start do not constitute a quorum, or if during a meeting a quorum ceases to be present, the chairman of the meeting must adjourn it.

(2) The chairman of the meeting may adjourn a general meeting at which a quorum is present if—

(a) the meeting consents to an adjournment, or

- (b) it appears to the chairman of the meeting that an adjournment is necessary to protect the safety of any person attending the meeting or ensure that the business of the meeting is conducted in an orderly manner.
- (3) The chairman of the meeting must adjourn a general meeting if directed to do so by the meeting.
- (4) When adjourning a general meeting, the chairman of the meeting must—
 - (a) either specify the time and place to which it is adjourned or state that it is to continue at a time and place to be fixed by the directors, and
 - (b) have regard to any directions as to the time and place of any adjournment which have been given by the meeting.
- (5) If the continuation of an adjourned meeting is to take place more than 14 days after it was adjourned, the company must give at least 7 clear days' notice of it (that is, excluding the day of the adjourned meeting and the day on which the notice is given)—
 - (a) to the same persons to whom notice of the company's general meetings is required to be given, and
 - (b) containing the same information which such notice is required to contain.
- (6) No business may be transacted at an adjourned general meeting which could not properly have been transacted at the meeting if the adjournment had not taken place.

VOTING AT GENERAL MEETINGS

Voting: general

42. A resolution put to the vote of a general meeting must be decided on a show of hands unless a poll is duly demanded in accordance with the articles.

Errors and disputes

- 43.—**(1) No objection may be raised to the qualification of any person voting at a general meeting except at the meeting or adjourned meeting at which the vote objected to is tendered, and every vote not disallowed at the meeting is valid.
- (2) Any such objection must be referred to the chairman of the meeting, whose decision is final.

Poll votes

- 44.—**(1) A poll on a resolution may be demanded—
 - (a) in advance of the general meeting where it is to be put to the vote, or
 - (b) at a general meeting, either before a show of hands on that resolution or immediately after the result of a show of hands on that resolution is declared.
- (2) A poll may be demanded by—
 - (a) the chairman of the meeting;
 - (b) the directors;
 - (c) two or more persons having the right to vote on the resolution; or

- (d) a person or persons representing not less than one tenth of the total voting rights of all the shareholders having the right to vote on the resolution.
- (3) A demand for a poll may be withdrawn if—
 - (a) the poll has not yet been taken, and
 - (b) the chairman of the meeting consents to the withdrawal.
- (4) Polls must be taken immediately and in such manner as the chairman of the meeting directs.

Content of proxy notices

45.—(1) Proxies may only validly be appointed by a notice in writing (a “proxy notice”) which—

- (a) states the name and address of the shareholder appointing the proxy;
 - (b) identifies the person appointed to be that shareholder’s proxy and the general meeting in relation to which that person is appointed;
 - (c) is signed by or on behalf of the shareholder appointing the proxy, or is authenticated in such manner as the directors may determine; and
 - (d) is delivered to the company in accordance with the articles and any instructions contained in the notice of the general meeting to which they relate.
- (2) The company may require proxy notices to be delivered in a particular form, and may specify different forms for different purposes.
- (3) Proxy notices may specify how the proxy appointed under them is to vote (or that the proxy is to abstain from voting) on one or more resolutions.
- (4) Unless a proxy notice indicates otherwise, it must be treated as—
 - (a) allowing the person appointed under it as a proxy discretion as to how to vote on any ancillary or procedural resolutions put to the meeting, and
 - (b) appointing that person as a proxy in relation to any adjournment of the general meeting to which it relates as well as the meeting itself.

Delivery of proxy notices

- 46.—**(1) A person who is entitled to attend, speak or vote (either on a show of hands or on a poll) at a general meeting remains so entitled in respect of that meeting or any adjournment of it, even though a valid proxy notice has been delivered to the company by or on behalf of that person.
- (2) An appointment under a proxy notice may be revoked by delivering to the company a notice in writing given by or on behalf of the person by whom or on whose behalf the proxy notice was given.
- (3) A notice revoking a proxy appointment only takes effect if it is delivered before the start of the meeting or adjourned meeting to which it relates.
- (4) If a proxy notice is not executed by the person appointing the proxy, it must be accompanied by written evidence of the authority of the person who executed it to execute it on the appointor’s behalf.

Amendments to resolutions

- 47.—**(1) An ordinary resolution to be proposed at a general meeting may be amended by ordinary resolution if—

- (a) notice of the proposed amendment is given to the company in writing by a person entitled to vote at the general meeting at which it is to be proposed not less than 48 hours before the meeting is to take place (or such later time as the chairman of the meeting may determine), and
 - (b) the proposed amendment does not, in the reasonable opinion of the chairman of the meeting, materially alter the scope of the resolution.
- (2) A special resolution to be proposed at a general meeting may be amended by ordinary resolution, if—
 - (a) the chairman of the meeting proposes the amendment at the general meeting at which the resolution is to be proposed, and
 - (b) the amendment does not go beyond what is necessary to correct a grammatical or other non-substantive error in the resolution.
- (3) If the chairman of the meeting, acting in good faith, wrongly decides that an amendment to a resolution is out of order, the chairman's error does not invalidate the vote on that resolution.

PART 5

ADMINISTRATIVE ARRANGEMENTS

Means of communication to be used

48.—(1) Subject to the articles, anything sent or supplied by or to the company under the articles may be sent or supplied in any way in which the Companies Act 2006 provides for documents or information which are authorised or required by any provision of that Act to be sent or supplied by or to the company.

(2) Subject to the articles, any notice or document to be sent or supplied to a director in connection with the taking of decisions by directors may also be sent or supplied by the means by which that director has asked to be sent or supplied with such notices or documents for the time being.

(3) A director may agree with the company that notices or documents sent to that director in a particular way are to be deemed to have been received within a specified time of their being sent, and for the specified time to be less than 48 hours.

Company seals

49.—(1) Any common seal may only be used by the authority of the directors.

(2) The directors may decide by what means and in what form any common seal is to be used.

(3) Unless otherwise decided by the directors, if the company has a common seal and it is

affixed to a document, the document must also be signed by at least one authorised person in the presence of a witness who attests the signature.

(4) For the purposes of this article, an authorised person is—

- (a) any director of the company;
- (b) the company secretary (if any); or
- (c) any person authorised by the directors for the purpose of signing documents to which the common seal is applied.

No right to inspect accounts and other records

50. Except as provided by law or authorised by the directors or an ordinary resolution of the company, no person is entitled to inspect any of the company's accounting or other records or documents merely by virtue of being a shareholder.

Provision for employees on cessation of business

51. The directors may decide to make provision for the benefit of persons employed or formerly employed by the company or any of its subsidiaries (other than a director or former director or shadow director) in connection with the cessation or transfer to any person of the whole or part of the undertaking of the company or that subsidiary.

DIRECTORS' INDEMNITY AND INSURANCE

Indemnity

52.—(1) Subject to paragraph (2), a relevant director of the company or an associated company may be indemnified out of the company's assets against—

- (a) any liability incurred by that director in connection with any negligence, default, breach of duty or breach of trust in relation to the company or an associated company,
- (b) any liability incurred by that director in connection with the activities of the company or an associated company in its capacity as a trustee of an occupational pension scheme (as defined in section 235(6) of the Companies Act 2006),
- (c) any other liability incurred by that director as an officer of the company or an associated company.

(2) This article does not authorise any indemnity which would be prohibited or rendered void by any provision of the Companies Acts or by any other provision of law.

(3) In this article—

- (a) companies are associated if one is a subsidiary of the other or both are subsidiaries of the same body corporate, and
- (b) a "relevant director" means any director or former director of the company or an associated company.

Insurance

53.—(1) The directors may decide to purchase and maintain insurance, at the expense of the company, for the benefit of any relevant director in respect of any relevant loss.

(2) In this article—

- (a) a "relevant director" means any director or former director of the company or an associated company,
- (b) a "relevant loss" means any loss or liability which has been or may be incurred by a relevant director in connection with that director's duties or powers in relation to the company, any associated company or any pension fund or employees' share scheme of the company or associated company, and
- (c) companies are associated if one is a subsidiary of the other or both are

C-14

BATS HOTSPOT EUROPE LIMITED



**CERTIFICATE OF INCORPORATION
OF A
PRIVATE LIMITED COMPANY**

Company Number **9424751**

The Registrar of Companies for England and Wales, hereby certifies that

BATS HOTSPOT EUROPE LIMITED

is this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales.

Given at Companies House, Cardiff, on **5th February 2015**.

The above information was communicated by electronic means and authenticated by the
Registrar of Companies under section 1115 of the Companies Act 2006



Companies House



**THE OFFICIAL SEAL OF THE
REGISTRAR OF COMPANIES**

COMPANY HAVING A SHARE CAPITAL

Memorandum of association of BATS HOTSPOT EUROPE LIMITED

Each subscriber to this memorandum of association wishes to form a company under the Companies Act 2006 and agrees to become a member of the company and to take at least one share.

Name of each subscriber	Authentication
BATS International Holdings Limited	Authenticated Electronically

Dated: 05/02/2015

MODEL ARTICLES FOR PRIVATE COMPANIES LIMITED
BY SHARES

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PART 1

INTERPRETATION AND LIMITATION OF LIABILITY

Defined terms

1. In the articles, unless the context requires otherwise—

“articles” means the company’s articles of association;

“bankruptcy” includes individual insolvency proceedings in a jurisdiction other than England and Wales or Northern Ireland which have an effect similar to that of bankruptcy;

“chairman” has the meaning given in article 12;

“chairman of the meeting” has the meaning given in article 39;

“Companies Acts” means the Companies Acts (as defined in section 2 of the Companies Act 2006), in so far as they apply to the company;

“director” means a director of the company, and includes any person occupying the position of director, by whatever name called;

“distribution recipient” has the meaning given in article 31;

“document” includes, unless otherwise specified, any document sent or supplied in electronic form;

“electronic form” has the meaning given in section 1168 of the Companies Act 2006;

“fully paid” in relation to a share, means that the nominal value and any premium to be paid to the company in respect of that share have been paid to the company;

“hard copy form” has the meaning given in section 1168 of the Companies Act 2006;

“holder” in relation to shares means the person whose name is entered in the register of

members as the holder of the shares;

“instrument” means a document in hard copy form;

“ordinary resolution” has the meaning given in section 282 of the Companies Act 2006;

“paid” means paid or credited as paid;

“participate”, in relation to a directors’ meeting, has the meaning given in article 10;

“proxy notice” has the meaning given in article 45;

“shareholder” means a person who is the holder of a share;

“shares” means shares in the company;

“special resolution” has the meaning given in section 283 of the Companies Act 2006;

“subsidiary” has the meaning given in section 1159 of the Companies Act 2006;

“transmittee” means a person entitled to a share by reason of the death or bankruptcy of a shareholder or otherwise by operation of law; and

“writing” means the representation or reproduction of words, symbols or other information in a visible form by any method or combination of methods, whether sent or supplied in electronic form or otherwise.

Unless the context otherwise requires, other words or expressions contained in these articles bear the same meaning as in the Companies Act 2006 as in force on the date when these articles become binding on the company.

Liability of members

2. The liability of the members is limited to the amount, if any, unpaid on the shares held by them.

PART 2

DIRECTORS

DIRECTORS' POWERS AND RESPONSIBILITIES

Directors' general authority

3. Subject to the articles, the directors are responsible for the management of the company's business, for which purpose they may exercise all the powers of the company.

Shareholders' reserve power

- 4.—(1) The shareholders may, by special resolution, direct the directors to take, or refrain from taking, specified action.
(2) No such special resolution invalidates anything which the directors have done before the passing of the resolution.

Directors may delegate

- 5.—(1) Subject to the articles, the directors may delegate any of the powers which are conferred on them under the articles—
 - (a) to such person or committee;
 - (b) by such means (including by power of attorney);

- (c) to such an extent;
- (d) in relation to such matters or territories; and
- (e) on such terms and conditions;

as they think fit.

(2) If the directors so specify, any such delegation may authorise further delegation of the

directors' powers by any person to whom they are delegated.

(3) The directors may revoke any delegation in whole or part, or alter its terms and conditions.

Committees

6.—(1) Committees to which the directors delegate any of their powers must follow procedures which are based as far as they are applicable on those provisions of the articles which govern the taking of decisions by directors.

(2) The directors may make rules of procedure for all or any committees, which prevail over rules derived from the articles if they are not consistent with them.

DECISION-MAKING BY DIRECTORS

Directors to take decisions collectively

7.—(1) The general rule about decision-making by directors is that any decision of the directors must be either a majority decision at a meeting or a decision taken in accordance with article 8.

(2) If—

- (a) the company only has one director, and

- (b) no provision of the articles requires it to have more than one director,

the general rule does not apply, and the director may take decisions without regard to any of the provisions of the articles relating to directors' decision-making.

Unanimous decisions

8.—(1) A decision of the directors is taken in accordance with this article when all eligible directors indicate to each other by any means that they share a common view on a matter.

(2) Such a decision may take the form of a resolution in writing, copies of which have been signed by each eligible director or to which each eligible director has otherwise indicated agreement in writing.

(3) References in this article to eligible directors are to directors who would have been entitled to vote on the matter had it been proposed as a resolution at a directors' meeting.

(4) A decision may not be taken in accordance with this article if the eligible directors would not have formed a quorum at such a meeting.

Calling a directors' meeting

9.—(1) Any director may call a directors' meeting by giving notice of the meeting to the directors or by authorising the company secretary (if any) to give such notice.

- (2) Notice of any directors' meeting must indicate—
- (a) its proposed date and time;
 - (b) where it is to take place; and
 - (c) if it is anticipated that directors participating in the meeting will not be in the same place, how it is proposed that they should communicate with each other during the meeting.
- (3) Notice of a directors' meeting must be given to each director, but need not be in writing.
- (4) Notice of a directors' meeting need not be given to directors who waive their entitlement to notice of that meeting, by giving notice to that effect to the company not more than 7 days after the date on which the meeting is held. Where such notice is given after the meeting has been held, that does not affect the validity of the meeting, or of any business conducted at it.

Participation in directors' meetings

- 10.—(1) Subject to the articles, directors participate in a directors' meeting, or part of a directors' meeting, when—
- (a) the meeting has been called and takes place in accordance with the articles, and
 - (b) they can each communicate to the others any information or opinions they have on any particular item of the business of the meeting.
- (2) In determining whether directors are participating in a directors' meeting, it is irrelevant where any director is or how they communicate with each other.
- (3) If all the directors participating in a meeting are not in the same place, they may decide that the meeting is to be treated as taking place wherever any of them is.

Quorum for directors' meetings

- 11.—(1) At a directors' meeting, unless a quorum is participating, no proposal is to be voted on, except a proposal to call another meeting.
- (2) The quorum for directors' meetings may be fixed from time to time by a decision of the directors, but it must never be less than two, and unless otherwise fixed it is two.
- (3) If the total number of directors for the time being is less than the quorum required, the directors must not take any decision other than a decision—
- (a) to appoint further directors, or
 - (b) to call a general meeting so as to enable the shareholders to appoint further directors.

Chairing of directors' meetings

- 12.—(1) The directors may appoint a director to chair their meetings.
- (2) The person so appointed for the time being is known as the chairman.
- (3) The directors may terminate the chairman's appointment at any time.
- (4) If the chairman is not participating in a directors' meeting within ten minutes of the time at which it was to start, the participating directors must appoint one of themselves to chair it.

Casting vote

13.—(1) If the numbers of votes for and against a proposal are equal, the chairman or other director chairing the meeting has a casting vote.

(2) But this does not apply if, in accordance with the articles, the chairman or other director is not to be counted as participating in the decision-making process for quorum or voting purposes.

Conflicts of interest

14.—(1) If a proposed decision of the directors is concerned with an actual or proposed transaction or arrangement with the company in which a director is interested, that director is not to be counted as participating in the decision-making process for quorum or voting purposes.

(2) But if paragraph (3) applies, a director who is interested in an actual or proposed transaction or arrangement with the company is to be counted as participating in the decision-making process for quorum and voting purposes.

(3) This paragraph applies when—

(a) the company by ordinary resolution disapplies the provision of the articles which would otherwise prevent a director from being counted as participating in the decision-making process;

(b) the director's interest cannot reasonably be regarded as likely to give rise to a conflict of interest; or

(c) the director's conflict of interest arises from a permitted cause.

(4) For the purposes of this article, the following are permitted causes—

(a) a guarantee given, or to be given, by or to a director in respect of an obligation incurred by or on behalf of the company or any of its subsidiaries;

(b) subscription, or an agreement to subscribe, for shares or other securities of the company or any of its subsidiaries, or to underwrite, sub-underwrite, or guarantee subscription for any such shares or securities; and

(c) arrangements pursuant to which benefits are made available to employees and directors or former employees and directors of the company or any of its subsidiaries which do not provide special benefits for directors or former directors.

(5) For the purposes of this article, references to proposed decisions and decision-making

processes include any directors' meeting or part of a directors' meeting.

(6) Subject to paragraph (7), if a question arises at a meeting of directors or of a committee of directors as to the right of a director to participate in the meeting (or part of the meeting) for voting or quorum purposes, the question may, before the conclusion of the meeting, be referred to the chairman whose ruling in relation to any director other than the chairman is to be final and conclusive.

(7) If any question as to the right to participate in the meeting (or part of the meeting) should arise in respect of the chairman, the question is to be decided by a decision of the directors at that meeting, for which purpose the chairman is not to be counted as participating in the meeting (or that part of the meeting) for voting or quorum purposes.

Records of decisions to be kept

15. The directors must ensure that the company keeps a record, in writing, for at least 10 years from the date of the decision recorded, of every unanimous or majority decision taken by the directors.

Directors' discretion to make further rules

16. Subject to the articles, the directors may make any rule which they think fit about how they take decisions, and about how such rules are to be recorded or communicated to directors.

APPOINTMENT OF DIRECTORS

Methods of appointing directors

17.—(1) Any person who is willing to act as a director, and is permitted by law to do so, may be appointed to be a director—

- (a) by ordinary resolution, or
- (b) by a decision of the directors.

(2) In any case where, as a result of death, the company has no shareholders and no directors, the personal representatives of the last shareholder to have died have the right, by notice in writing, to appoint a person to be a director.

(3) For the purposes of paragraph (2), where 2 or more shareholders die in circumstances

rendering it uncertain who was the last to die, a younger shareholder is deemed to have survived an older shareholder.

Termination of director's appointment

18. A person ceases to be a director as soon as—

- (a) that person ceases to be a director by virtue of any provision of the Companies Act 2006 or is prohibited from being a director by law;
- (b) a bankruptcy order is made against that person;
- (c) a composition is made with that person's creditors generally in satisfaction of that person's debts;
- (d) a registered medical practitioner who is treating that person gives a written opinion to the company stating that that person has become physically or mentally incapable of acting as a director and may remain so for more than three months;
- (e) *[paragraph omitted pursuant to The Mental Health (Discrimination) Act 2013]*
- (f) notification is received by the company from the director that the director is resigning from office, and such resignation has taken effect in accordance with its terms.

Directors' remuneration

- 19.—(1) Directors may undertake any services for the company that the directors decide.
- (2) Directors are entitled to such remuneration as the directors determine—
- (a) for their services to the company as directors, and
 - (b) for any other service which they undertake for the company.
- (3) Subject to the articles, a director's remuneration may—
- (a) take any form, and
 - (b) include any arrangements in connection with the payment of a pension, allowance or gratuity, or any death, sickness or disability benefits, to or in respect of that director.
- (4) Unless the directors decide otherwise, directors' remuneration accrues from day to day.
- (5) Unless the directors decide otherwise, directors are not accountable to the company for any remuneration which they receive as directors or other officers or employees of the company's subsidiaries or of any other body corporate in which the company is interested.

Directors' expenses

20. The company may pay any reasonable expenses which the directors properly incur in connection with their attendance at—
- (a) meetings of directors or committees of directors,
 - (b) general meetings, or
 - (c) separate meetings of the holders of any class of shares or of debentures of the company, or otherwise in connection with the exercise of their powers and the discharge of their responsibilities in relation to the company.

PART 3

SHARES AND DISTRIBUTIONS

SHARES

All shares to be fully paid up

- 21.—(1) No share is to be issued for less than the aggregate of its nominal value and any premium to be paid to the company in consideration for its issue.
- (2) This does not apply to shares taken on the formation of the company by the subscribers to the company's memorandum.

Powers to issue different classes of share

- 22.—(1) Subject to the articles, but without prejudice to the rights attached to any existing share, the company may issue shares with such rights or restrictions as may be determined by ordinary resolution.

(2) The company may issue shares which are to be redeemed, or are liable to be redeemed at the option of the company or the holder, and the directors may determine the terms, conditions and manner of redemption of any such shares.

Company not bound by less than absolute interests

23. Except as required by law, no person is to be recognised by the company as holding any share upon any trust, and except as otherwise required by law or the articles, the company is not in any way to be bound by or recognise any interest in a share other than the holder's absolute ownership of it and all the rights attaching to it.

Share certificates

24.—(1) The company must issue each shareholder, free of charge, with one or more certificates in respect of the shares which that shareholder holds.

(2) Every certificate must specify—

- (a) in respect of how many shares, of what class, it is issued;
- (b) the nominal value of those shares;
- (c) that the shares are fully paid; and
- (d) any distinguishing numbers assigned to them.

(3) No certificate may be issued in respect of shares of more than one class.

(4) If more than one person holds a share, only one certificate may be issued in respect of it.

(5) Certificates must—

- (a) have affixed to them the company's common seal, or
- (b) be otherwise executed in accordance with the Companies Acts.

Replacement share certificates

25.—(1) If a certificate issued in respect of a shareholder's shares is—

- (a) damaged or defaced, or
- (b) said to be lost, stolen or destroyed, that shareholder is entitled to be issued with a replacement certificate in respect of the same shares.

(2) A shareholder exercising the right to be issued with such a replacement certificate—

- (a) may at the same time exercise the right to be issued with a single certificate or separate certificates;
- (b) must return the certificate which is to be replaced to the company if it is damaged or defaced; and
- (c) must comply with such conditions as to evidence, indemnity and the payment of a reasonable fee as the directors decide.

Share transfers

26.—(1) Shares may be transferred by means of an instrument of transfer in any usual form or any other form approved by the directors, which is executed by or on behalf of the transferor.

- (2) No fee may be charged for registering any instrument of transfer or other document relating to or affecting the title to any share.
- (3) The company may retain any instrument of transfer which is registered.
- (4) The transferor remains the holder of a share until the transferee's name is entered in the register of members as holder of it.
- (5) The directors may refuse to register the transfer of a share, and if they do so, the instrument of transfer must be returned to the transferee with the notice of refusal unless they suspect that the proposed transfer may be fraudulent.

Transmission of shares

- 27.**—(1) If title to a share passes to a transmittee, the company may only recognise the transmittee as having any title to that share.
- (2) A transmittee who produces such evidence of entitlement to shares as the directors may properly require—
- (a) may, subject to the articles, choose either to become the holder of those shares or to have them transferred to another person, and
 - (b) subject to the articles, and pending any transfer of the shares to another person, has the same rights as the holder had.
- (3) But transmittees do not have the right to attend or vote at a general meeting, or agree to a proposed written resolution, in respect of shares to which they are entitled, by reason of the holder's death or bankruptcy or otherwise, unless they become the holders of those shares.

Exercise of transmittees' rights

- 28.**—(1) Transmittees who wish to become the holders of shares to which they have become entitled must notify the company in writing of that wish.
- (2) If the transmittee wishes to have a share transferred to another person, the transmittee must execute an instrument of transfer in respect of it.
- (3) Any transfer made or executed under this article is to be treated as if it were made or executed by the person from whom the transmittee has derived rights in respect of the share, and as if the event which gave rise to the transmission had not occurred.

Transmittees bound by prior notices

- 29.** If a notice is given to a shareholder in respect of shares and a transmittee is entitled to those shares, the transmittee is bound by the notice if it was given to the shareholder before the transmittee's name has been entered in the register of members.

DIVIDENDS AND OTHER DISTRIBUTIONS

Procedure for declaring dividends

- 30.**—(1) The company may by ordinary resolution declare dividends, and the directors may decide to pay interim dividends.

- (2) A dividend must not be declared unless the directors have made a recommendation as to its amount. Such a dividend must not exceed the amount recommended by the directors.
- (3) No dividend may be declared or paid unless it is in accordance with shareholders' respective rights.
- (4) Unless the shareholders' resolution to declare or directors' decision to pay a dividend, or the terms on which shares are issued, specify otherwise, it must be paid by reference to each shareholder's holding of shares on the date of the resolution or decision to declare or pay it.
- (5) If the company's share capital is divided into different classes, no interim dividend may be paid on shares carrying deferred or non-preferred rights if, at the time of payment, any preferential dividend is in arrear.
- (6) The directors may pay at intervals any dividend payable at a fixed rate if it appears to them that the profits available for distribution justify the payment.
- (7) If the directors act in good faith, they do not incur any liability to the holders of shares conferring preferred rights for any loss they may suffer by the lawful payment of an interim dividend on shares with deferred or non-preferred rights.

Payment of dividends and other distributions

31.—(1) Where a dividend or other sum which is a distribution is payable in respect of a share, it must be paid by one or more of the following means—

- (a) transfer to a bank or building society account specified by the distribution recipient either in writing or as the directors may otherwise decide;
 - (b) sending a cheque made payable to the distribution recipient by post to the distribution recipient at the distribution recipient's registered address (if the distribution recipient is a holder of the share), or (in any other case) to an address specified by the distribution recipient either in writing or as the directors may otherwise decide;
 - (c) sending a cheque made payable to such person by post to such person at such address as the distribution recipient has specified either in writing or as the directors may otherwise decide; or
 - (d) any other means of payment as the directors agree with the distribution recipient either in writing or by such other means as the directors decide.
- (2) In the articles, "the distribution recipient" means, in respect of a share in respect of which a dividend or other sum is payable—
- (a) the holder of the share; or
 - (b) if the share has two or more joint holders, whichever of them is named first in the register of members; or
 - (c) if the holder is no longer entitled to the share by reason of death or bankruptcy, or otherwise by operation of law, the transmittee.

No interest on distributions

32. The company may not pay interest on any dividend or other sum payable in respect of a share unless otherwise provided by—

- (a) the terms on which the share was issued, or

(b) the provisions of another agreement between the holder of that share and the company.

Unclaimed distributions

33.—(1) All dividends or other sums which are—

- (a) payable in respect of shares, and
- (b) unclaimed after having been declared or become payable, may be invested or otherwise made use of by the directors for the benefit of the company until claimed.

(2) The payment of any such dividend or other sum into a separate account does not make the company a trustee in respect of it.

(3) If—

- (a) twelve years have passed from the date on which a dividend or other sum became due for payment, and
- (b) the distribution recipient has not claimed it,

the distribution recipient is no longer entitled to that dividend or other sum and it ceases to remain owing by the company.

Non-cash distributions

34.—(1) Subject to the terms of issue of the share in question, the company may, by ordinary resolution on the recommendation of the directors, decide to pay all or part of a dividend or other distribution payable in respect of a share by transferring non-cash assets of equivalent value (including, without limitation, shares or other securities in any company).

(2) For the purposes of paying a non-cash distribution, the directors may make whatever arrangements they think fit, including, where any difficulty arises regarding the distribution—

- (a) fixing the value of any assets;
- (b) paying cash to any distribution recipient on the basis of that value in order to adjust the rights of recipients; and
- (c) vesting any assets in trustees.

Waiver of distributions

35. Distribution recipients may waive their entitlement to a dividend or other distribution

payable in respect of a share by giving the company notice in writing to that effect, but if—

- (a) the share has more than one holder, or
- (b) more than one person is entitled to the share, whether by reason of the death or

bankruptcy of one or more joint holders, or otherwise, the notice is not effective unless it is expressed to be given, and signed, by all the holders or persons otherwise entitled to the share.

CAPITALISATION OF PROFITS

Authority to capitalise and appropriation of capitalised sums

36.—(1) Subject to the articles, the directors may, if they are so authorised by an ordinary resolution—

- (a) decide to capitalise any profits of the company (whether or not they are available for distribution) which are not required for paying a preferential dividend, or any sum standing to the credit of the company's share premium account or capital redemption reserve; and
 - (b) appropriate any sum which they so decide to capitalise (a "capitalised sum") to the persons who would have been entitled to it if it were distributed by way of dividend (the "persons entitled") and in the same proportions.
- (2) Capitalised sums must be applied—
- (a) on behalf of the persons entitled, and
 - (b) in the same proportions as a dividend would have been distributed to them.
- (3) Any capitalised sum may be applied in paying up new shares of a nominal amount equal to the capitalised sum which are then allotted credited as fully paid to the persons entitled or as they may direct.
- (4) A capitalised sum which was appropriated from profits available for distribution may be applied in paying up new debentures of the company which are then allotted credited as fully paid to the persons entitled or as they may direct.
- (5) Subject to the articles the directors may—
- (a) apply capitalised sums in accordance with paragraphs (3) and (4) partly in one way and partly in another;
 - (b) make such arrangements as they think fit to deal with shares or debentures becoming distributable in fractions under this article (including the issuing of fractional certificates or the making of cash payments); and
 - (c) authorise any person to enter into an agreement with the company on behalf of all the persons entitled which is binding on them in respect of the allotment of shares and debentures to them under this article.

PART 4

DECISION-MAKING BY SHAREHOLDERS

ORGANISATION OF GENERAL MEETINGS

Attendance and speaking at general meetings

37.—(1) A person is able to exercise the right to speak at a general meeting when that person is in a position to communicate to all those attending the meeting, during the meeting, any information or opinions which that person has on the business of the meeting.

- (2) A person is able to exercise the right to vote at a general meeting when—
- (a) that person is able to vote, during the meeting, on resolutions put to the vote at the meeting, and
 - (b) that person's vote can be taken into account in determining whether or not such

resolutions are passed at the same time as the votes of all the other persons attending the meeting.

(3) The directors may make whatever arrangements they consider appropriate to enable those attending a general meeting to exercise their rights to speak or vote at it.

(4) In determining attendance at a general meeting, it is immaterial whether any two or more members attending it are in the same place as each other.

(5) Two or more persons who are not in the same place as each other attend a general meeting if their circumstances are such that if they have (or were to have) rights to speak and vote at that meeting, they are (or would be) able to exercise them.

Quorum for general meetings

38. No business other than the appointment of the chairman of the meeting is to be transacted at a general meeting if the persons attending it do not constitute a quorum.

Chairing general meetings

39.—(1) If the directors have appointed a chairman, the chairman shall chair general meetings if present and willing to do so.

(2) If the directors have not appointed a chairman, or if the chairman is unwilling to chair the meeting or is not present within ten minutes of the time at which a meeting was due to start—

(a) the directors present, or

(b) (if no directors are present), the meeting,

must appoint a director or shareholder to chair the meeting, and the appointment of the chairman of the meeting must be the first business of the meeting.

(3) The person chairing a meeting in accordance with this article is referred to as “the chairman of the meeting”.

Attendance and speaking by directors and non-shareholders

40.—(1) Directors may attend and speak at general meetings, whether or not they are shareholders.

(2) The chairman of the meeting may permit other persons who are not—

(a) shareholders of the company, or

(b) otherwise entitled to exercise the rights of shareholders in relation to general meetings,

to attend and speak at a general meeting.

Adjournment

41.—(1) If the persons attending a general meeting within half an hour of the time at which the meeting was due to start do not constitute a quorum, or if during a meeting a quorum ceases to be present, the chairman of the meeting must adjourn it.

(2) The chairman of the meeting may adjourn a general meeting at which a quorum is present if—

(a) the meeting consents to an adjournment, or

- (b) it appears to the chairman of the meeting that an adjournment is necessary to protect the safety of any person attending the meeting or ensure that the business of the meeting is conducted in an orderly manner.
- (3) The chairman of the meeting must adjourn a general meeting if directed to do so by the meeting.
- (4) When adjourning a general meeting, the chairman of the meeting must—
 - (a) either specify the time and place to which it is adjourned or state that it is to continue at a time and place to be fixed by the directors, and
 - (b) have regard to any directions as to the time and place of any adjournment which have been given by the meeting.
- (5) If the continuation of an adjourned meeting is to take place more than 14 days after it was adjourned, the company must give at least 7 clear days' notice of it (that is, excluding the day of the adjourned meeting and the day on which the notice is given)—
 - (a) to the same persons to whom notice of the company's general meetings is required to be given, and
 - (b) containing the same information which such notice is required to contain.
- (6) No business may be transacted at an adjourned general meeting which could not properly have been transacted at the meeting if the adjournment had not taken place.

VOTING AT GENERAL MEETINGS

Voting: general

42. A resolution put to the vote of a general meeting must be decided on a show of hands unless a poll is duly demanded in accordance with the articles.

Errors and disputes

- 43.—**(1) No objection may be raised to the qualification of any person voting at a general meeting except at the meeting or adjourned meeting at which the vote objected to is tendered, and every vote not disallowed at the meeting is valid.
- (2) Any such objection must be referred to the chairman of the meeting, whose decision is final.

Poll votes

- 44.—**(1) A poll on a resolution may be demanded—
 - (a) in advance of the general meeting where it is to be put to the vote, or
 - (b) at a general meeting, either before a show of hands on that resolution or immediately after the result of a show of hands on that resolution is declared.
- (2) A poll may be demanded by—
 - (a) the chairman of the meeting;
 - (b) the directors;
 - (c) two or more persons having the right to vote on the resolution; or

- (d) a person or persons representing not less than one tenth of the total voting rights of all the shareholders having the right to vote on the resolution.
- (3) A demand for a poll may be withdrawn if—
 - (a) the poll has not yet been taken, and
 - (b) the chairman of the meeting consents to the withdrawal.
- (4) Polls must be taken immediately and in such manner as the chairman of the meeting directs.

Content of proxy notices

- 45.—**(1) Proxies may only validly be appointed by a notice in writing (a “proxy notice”) which—
- (a) states the name and address of the shareholder appointing the proxy;
 - (b) identifies the person appointed to be that shareholder’s proxy and the general meeting in relation to which that person is appointed;
 - (c) is signed by or on behalf of the shareholder appointing the proxy, or is authenticated in such manner as the directors may determine; and
 - (d) is delivered to the company in accordance with the articles and any instructions contained in the notice of the general meeting to which they relate.
- (2) The company may require proxy notices to be delivered in a particular form, and may specify different forms for different purposes.
- (3) Proxy notices may specify how the proxy appointed under them is to vote (or that the proxy is to abstain from voting) on one or more resolutions.
- (4) Unless a proxy notice indicates otherwise, it must be treated as—
- (a) allowing the person appointed under it as a proxy discretion as to how to vote on any ancillary or procedural resolutions put to the meeting, and
 - (b) appointing that person as a proxy in relation to any adjournment of the general meeting to which it relates as well as the meeting itself.

Delivery of proxy notices

- 46.—**(1) A person who is entitled to attend, speak or vote (either on a show of hands or on a poll) at a general meeting remains so entitled in respect of that meeting or any adjournment of it, even though a valid proxy notice has been delivered to the company by or on behalf of that person.
- (2) An appointment under a proxy notice may be revoked by delivering to the company a notice in writing given by or on behalf of the person by whom or on whose behalf the proxy notice was given.
- (3) A notice revoking a proxy appointment only takes effect if it is delivered before the start of the meeting or adjourned meeting to which it relates.
- (4) If a proxy notice is not executed by the person appointing the proxy, it must be accompanied by written evidence of the authority of the person who executed it to execute it on the appointor’s behalf.

Amendments to resolutions

- 47.—**(1) An ordinary resolution to be proposed at a general meeting may be amended by ordinary resolution if—

- (a) notice of the proposed amendment is given to the company in writing by a person entitled to vote at the general meeting at which it is to be proposed not less than 48 hours before the meeting is to take place (or such later time as the chairman of the meeting may determine), and
 - (b) the proposed amendment does not, in the reasonable opinion of the chairman of the meeting, materially alter the scope of the resolution.
- (2) A special resolution to be proposed at a general meeting may be amended by ordinary resolution, if—
 - (a) the chairman of the meeting proposes the amendment at the general meeting at which the resolution is to be proposed, and
 - (b) the amendment does not go beyond what is necessary to correct a grammatical or other non-substantive error in the resolution.
- (3) If the chairman of the meeting, acting in good faith, wrongly decides that an amendment to a resolution is out of order, the chairman's error does not invalidate the vote on that resolution.

PART 5

ADMINISTRATIVE ARRANGEMENTS

Means of communication to be used

- 48.**—(1) Subject to the articles, anything sent or supplied by or to the company under the articles may be sent or supplied in any way in which the Companies Act 2006 provides for documents or information which are authorised or required by any provision of that Act to be sent or supplied by or to the company.
- (2) Subject to the articles, any notice or document to be sent or supplied to a director in connection with the taking of decisions by directors may also be sent or supplied by the means by which that director has asked to be sent or supplied with such notices or documents for the time being.
- (3) A director may agree with the company that notices or documents sent to that director in a particular way are to be deemed to have been received within a specified time of their being sent, and for the specified time to be less than 48 hours.

Company seals

- 49.**—(1) Any common seal may only be used by the authority of the directors.
- (2) The directors may decide by what means and in what form any common seal is to be used.
- (3) Unless otherwise decided by the directors, if the company has a common seal and it is affixed to a document, the document must also be signed by at least one authorised person in the presence of a witness who attests the signature.
- (4) For the purposes of this article, an authorised person is—
 - (a) any director of the company;
 - (b) the company secretary (if any); or
 - (c) any person authorised by the directors for the purpose of signing documents to which the common seal is applied.

No right to inspect accounts and other records

50. Except as provided by law or authorised by the directors or an ordinary resolution of the company, no person is entitled to inspect any of the company's accounting or other records or documents merely by virtue of being a shareholder.

Provision for employees on cessation of business

51. The directors may decide to make provision for the benefit of persons employed or formerly employed by the company or any of its subsidiaries (other than a director or former director or shadow director) in connection with the cessation or transfer to any person of the whole or part of the undertaking of the company or that subsidiary.

DIRECTORS' INDEMNITY AND INSURANCE

Indemnity

52.—(1) Subject to paragraph (2), a relevant director of the company or an associated company may be indemnified out of the company's assets against—

- (a) any liability incurred by that director in connection with any negligence, default, breach of duty or breach of trust in relation to the company or an associated company,
- (b) any liability incurred by that director in connection with the activities of the company or an associated company in its capacity as a trustee of an occupational pension scheme (as defined in section 235(6) of the Companies Act 2006),
- (c) any other liability incurred by that director as an officer of the company or an associated company.

(2) This article does not authorise any indemnity which would be prohibited or rendered void by any provision of the Companies Acts or by any other provision of law.

(3) In this article—

- (a) companies are associated if one is a subsidiary of the other or both are subsidiaries of the same body corporate, and
- (b) a "relevant director" means any director or former director of the company or an associated company.

Insurance

53.—(1) The directors may decide to purchase and maintain insurance, at the expense of the company, for the benefit of any relevant director in respect of any relevant loss.

(2) In this article—

- (a) a "relevant director" means any director or former director of the company or an associated company,
- (b) a "relevant loss" means any loss or liability which has been or may be incurred by a relevant director in connection with that director's duties or powers in relation to the company, any associated company or any pension fund or employees' share scheme of the company or associated company, and
- (c) companies are associated if one is a subsidiary of the other or both are

C-15

BATS TRADING LIMITED

C-16

CHI-X EUROPE LIMITED

C-17

BATS FX, INC.

C-18

BLUE MERGER SUB INC.

C-19

DELTA MERGER SUB LLC

Exhibit J**Exhibit Request:**

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

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

Response:1. Officers

Pursuant to the Certificate of Incorporation and Bylaws of the Exchange, the Exchange's Board of Directors has appointed the individuals listed below as Officers of the Exchange. Officers shall be appointed by the Board on an annual basis. These individuals will serve in these positions until their successors are appointed in accordance with the Certificate of Incorporation and Bylaws. Officers of the Exchange will serve at the pleasure of the Board of Directors.

Officers

Name:	Title:	Appointment Date:	Termination/ Change Position Date:	Anticipated re-appointment:
Joe Ratterman	Chief Executive Officer	02/10/14		February, 2016
Joe Ratterman	President		02/10/15	February, 2016
Chris Concannon	President	02/10/15		
Chris Isaacson	Executive Vice President, Chief Information Officer	02/10/15		February, 2016
Bryan Harkins	Executive Vice President, Head of U.S. Markets	02/10/15		February, 2016

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Tami Schademann	Executive Vice President, Chief Regulatory Officer	02/10/15	February, 2016
Eric Swanson	Executive Vice President, General Counsel, Secretary	02/10/15	February, 2016
Brian N. Schell	Executive Vice President, Chief Financial Officer, Treasurer	02/10/15	February, 2016
Phillip Ratterman	Vice President, Core Software Engineering	02/10/15	February, 2016
Charles Randy Williams	Senior Vice President, Global Investor Relations & Communications	02/10/15	February, 2016
Tony Barchetto	Senior Vice President, Business Development	02/10/15	February, 2016
Anders Franzon	Vice President, Associate General Counsel	02/10/15	February, 2016
Jeromee Johnson	Vice President, Options Market Development	02/10/15	February, 2016
Joe Bracco	Senior Vice President, Head of Institutional and Strategic Relations	02/10/15	February, 2016
Bryan Christian	Senior Vice President, Head of U.S. Sales	02/10/15	February, 2016
Troy Yeazel	Vice President, Operations	02/10/15	February, 2016
Jeff Connell	Vice President, Market Oversight	02/10/15	February, 2016
Derick Shupe	Vice President, Controller	02/10/15	February, 2016

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Greg Steinberg	Vice President, Assistant Secretary & Associate General Counsel	02/10/15	February, 2016
Aaron Weissenfluh	Vice President, Chief Information Security Officer	02/10/15	February, 2016
Eric Crampton	Vice President Global Head of Software Engineering	02/10/15	February, 2016
Rodney Burt	Vice President, Infrastructure	02/10/15	February, 2016
Kevin Carrai	Vice President, Connectivity & Member Services	02/10/15	February, 2016
Jim Gorman	Vice President, Communications	02/10/15	February, 2016
Stacie Fleming	Vice President, Communication	02/10/15	February, 2016

**Former
Officers**

Name:	Title:	Appointment Date:	Termination/ Change Position Date:
Joe Ratterman	President	2/12/13	1/31/14
	President	07/21/14	02/10/15
Chris Isaacson	Chief Operating Officer	2/12/13	1/31/14
Ken Conklin	Senior Vice President, Business Development and Marketing	02/11/14	04/30/14
William O'Brien	President	1/31/14	7/21/14

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Phillip Ratterman	Vice President, Core Software Engineer	2/10/14	2/10/15
Jim Gorman	Vice President, Communications	2/10/14	2/10/15

2. Directors

The following directors were appointed in accordance with Article III of the Bylaws of the Exchange. Directors will serve staggered, three-year terms. The current directors of the Exchange are the persons listed below:

Name	Classification(s)	Appointed on:	Termination Date	Class (Anticipated Expiration) ¹
Joseph Ratterman	Chairman/Industry	10/13/10		N/A
James Selway	Member Representative/Industry	11/09/12		Class II (Fall 2015)
Christopher Isaacson	Industry	11/09/12		Class II (Fall 2015)
Brett Redfearn	Industry	10/17/14		Class I (Fall 2017)
Peter Wallison	Non-Industry/Independent	10/17/14		Class I (Fall 2017)
David Roscoe	Non-Industry/Independent	10/13/10		Class III (Fall 2016)
Harry Temkin	Non-Industry/Independent	10/17/14		Class I (Fall 2017)
Sandy Kemper	Non-Industry/Independent	11/09/12		Class II (Fall 2015)

¹ Pursuant to the Exchange's Bylaws, directors in Class I will serve until the second annual election, directors in Class II will serve until the third annual election and directors in Class III will serve until the fourth annual election. The annual election is likely to occur each year in the Fall, though a date certain is not required under the Exchange's Bylaws. New directors elected from each Class will serve three-year terms.

BATS Y-Exchange Form 1 Registration Statement: Exhibit J

Scott Wagner	Non-Industry/Independent	10/13/10	Class III (Fall 2016)
Jill Sommers	Non-Industry/Non-Independent	07/29/13	Class II (Fall 2015)
Adam Nunes	Member Representative Director/Industry	10/17/14	Class I (Fall 2017)
Matt Billings	Member Representative Director/Industry	02/13/15	Class III (Fall 2016)

Former Directors

Name:	Title:	Appointment Date:	Termination/Change Position Date:
Chris Concannon	Member Representative/Industry	03/12/12	11/04/14

3. Committees

The committees of the Board shall consist of a Compensation Committee, an Audit Committee, a Regulatory Oversight Committee, an Appeals Committee, an Executive Committee, and such other committees as may be from time to time established by the Board. The Chairman, with the approval of the Board, shall appoint persons to sit on the standing committees of the Board, consistent with the Exchange's Bylaws. The Nominating Committee and Member Nominating Committee are not committees of the Board.

Compensation Committee

Name	Classification(s)
Peter Wallison (Chairman)	Non-Industry/Independent
Sandy Kemper	Non-Industry/Independent
Harry Temkin	Non-Industry/Independent

Audit Committee

Name	Classification(s)
Jill Sommers (Chairman)	Non-Industry/Non-Independent
David Roscoe	Non-Industry/Independent
Chris Concannon	Member Representative/Industry

Regulatory Oversight Committee

Name	Classification(s)
Scott Wagner (Chairman)	Non-Industry/Independent
Sandy Kemper	Non-Industry/Independent
Peter Wallison	Non-Industry/Independent

Appeals Committee

Name	Classification(s)
Brett Redfearn (Chairman)	Industry
James Selway	Member Representative/Industry
Scott Wagner	Non-Industry/Independent

Executive Committee

Name	Classification(s)
Joseph Ratterman (Chairman)	Industry
James Selway	Member Representative/Industry
Sandy Kemper	Non-Industry/Independent
David Roscoe	Non-Industry/Independent
Harry Temkin	Non-Industry/Independent
Adam Nunes	Member Representative/Industry

Nominating Committee

Name	Classification(s)
Benjamin Gould	Non-Industry
Alex Sadowski	Industry

Member Nominating Committee

Name	Classification(s)
Bailey Korell	Member Representative/Industry
Cameron Smith	Member Representative/Industry

Exhibit M

Exhibit Request:

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

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

Response:

Attached please find a list of the current Members and Sponsored Participants accepted as Users of the Exchange.

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	Type of User	Address	Phone Number	Primary Activities
Abel/Noser Corp.	8/18/2008	9/1/2010	NA	NA	Member	One Battery Park Plaza 6th Floor New York, NY 10004	646-432-4040	Agency
ABN AMRO Clearing Chicago, LLC	10/15/2008	10/1/2010	5/25/2010	5/27/2010	Member	175 W Jackson Boulevard Suite 400 Chicago, IL 60604	312- 604-8643	Market Maker
Agency Desk, LLC (formerly Samurai Trading, LLC)	7/1/2009	NA	NA	NA	Member	515 Madison Avenue 22nd Floor New York, NY 10022	212-935-9835	Market Maker
Agency Trading Group, Inc.	10/23/2008	9/2/2014	NA	5/27/2010	Member	235 E Lake Street Wayzata, MN 55391	952-476-9500	Agency
Albert Fried & Company, LLC	8/18/2008	4/15/2011	5/18/2010	5/18/2010	Member	45 Broadway 24th Floor New York, NY 10006	212-422-7282	Agency
Alpine Securities Corporation	11/3/2008	11/15/2010	NA	NA	Member	39 Exchange Place Salt Lake City, UT 84111	801-355-5588	Agency
Altemet Securities, Inc.	NA	NA	5/25/2010	5/25/2010	Member	380 Madison Ave 4th Floor New York, NY 10017	212-444-6176	Agency
Apex Clearing Corporation	6/5/2012	6/5/2012	6/5/2012	6/5/2012	Member	1700 Pacific Avenue Suite 1400 Dallas, TX 75201	214-765-1170	Clearing Firm
Archipelago Securities, LLC	8/18/2008	9/1/2010	5/25/2010	5/27/2010	Member	100 South Wacker Drive Suite 1800 Chicago, IL 60606	312-442-7046	Exchange
Axis Securities, LLC	12/22/2014	NA	NA	NA	Member	527 Madison Avenue 18th Floor New York, NY 10022	646-565-3302	Proprietary
Ascendant Capital Markets, LLC	4/1/2011	4/1/2011	NA	NA	Member	18881 Von Karman 16th Floor Irvine, CA 92612	949-218-2486	Agency
Athena Capital Research, LLC	7/1/2009	10/20/2010	NA	NA	Sponsored Participant	440 Ninth Avenue 11th Floor New York, NY 10001	212-931-9056	Proprietary
ATM Execution LLC	3/15/2012	3/15/2012	3/21/2012	3/21/2012	Member	599 Lexington Avenue 21st Floor New York, NY 10022	646-562-1554	Market Maker
Automated Trading Desk Financial Services, LLC	8/18/2008	9/15/2010	5/25/2010	5/27/2010	Member	11 Ewall Street Mount Pleasant, SC 29464	843-789-2166	Proprietary
Barclays Capital, Inc.	8/18/2008	10/1/2010	5/14/2010	5/14/2010	Member	745 7th Avenue New York, NY 10019	212-412-2125	Institutional
BATS Trading, Inc.	10/23/2008	9/1/2010	5/14/2010	5/14/2010	Member	8050 Marshall Drive Suite 120 Lenexa, KS 66214	913-815-7000	Limited Routing Facility of BATS Exchange
Bay Crest Partners, LLC	10/15/2008	NA	5/25/2010	5/27/2010	Member	40 Wall Street 42nd Floor New York, NY 10005	212-480-1400	Agency
Bayes Capital, LLC	1/15/2015	1/30/2015	1/30/2015	1/30/2015	Member	54 Jefferson Avenue Westwood, NJ 07675	201-660-7188	Agency
Belvedere Trading, LLC	11/1/2011	3/1/2012	11/29/2011	NA	Member	10 South Riverside Plaza #2100 Chicago, IL 60606	312-262-3420	Proprietary
Benjamin & Jerold Brokerage I, LLC	10/1/2009	NA	NA	NA	Member	80 Broad Street 5th Floor New York, NY 10005	646-201-5024	Agency
BGC Financial, LP	8/17/2009	NA	NA	NA	Member	One Seaport Plaza 19th Floor New York, NY 10038	646-346-7412	Agency
Blaylock Beal Van, LLC	5/3/2010	NA	NA	NA	Member	600 Lexington Avenue 3rd Floor New York, NY 10022	212-715-6600	Agency
Bloomberg Tradebook, LLC	10/23/2008	10/4/2010	5/14/2010	5/14/2010	Member	1633 Broadway 48th Floor New York, NY 10019	212-617-1184	Agency
Blue Fire Capital, LLC	8/18/2008	10/8/2010	5/25/2010	5/27/2010	Member	311 South Wacker Drive Suite 2000 Chicago, IL 60606	312-242-0504	Proprietary
Bluefin Trading, LLC	8/3/2009	NA	9/27/2013	8/13/2013	Member	3 Park Avenue 37th Floor New York, NY 10016	914-227-9555	Agency
BMO Capital Markets Corp.	8/18/2008	11/15/2010	7/15/2014	7/15/2014	Member	3 Times Square New York, NY 10036	212-885-4045	Agency
BMT Trading, LLC	2/1/2010	NA	NA	NA	Sponsored Participant	800 Third Avenue New York, NY 10022	212-813-0870	Proprietary
BNP Paribas Prime Brokerage, Inc.	12/3/2012	12/3/2012	NA	NA	Member	787 7th Avenue New York, NY 10019	917-472-4991	Clearing Firm
BNP Paribas Securities Corp.	8/18/2008	9/15/2010	5/25/2010	5/27/2010	Member	787 7th Avenue New York, NY 10019	212-841-3676	Proprietary
BTIG, LLC	8/18/2008	11/15/2010	5/25/2010	5/27/2010	Member	600 Montgomery Street 6th Floor San Francisco, CA 94111	415-248-2225	Market Maker
Bulltick, LLC	1/15/2009	NA	NA	NA	Member	701 Brickell Avenue Suite 2550 Miami, FL 33131	212-616-2604	Agency
C&C Trading, LLC	8/18/2008	10/11/2010	5/25/2010	5/27/2010	Member	111 Broadway Suite 808 New York, NY 10006	212-433-7589	Proprietary
Canaccord Genuity, Inc.	10/1/2013	10/1/2013	6/10/2010	6/10/2010	Member	350 Madison Avenue New York, NY 10017	212-389-8156	Market Maker
Canadian Imperial Holdings, Inc.	10/15/2008	11/15/2010	NA	NA	Sponsored Participant	300 Madison Avenue 5th Floor New York, NY 10017	212-856-3877	Proprietary
Cantor Fitzgerald & Co.	10/23/2008	2/13/2015	5/25/2010	5/27/2010	Member	110 East 59th Street 4th Floor New York, NY 10022	212-829-5226	Institutional / Agency
Capital Institutional Services, Inc.	8/18/2008	NA	5/25/2010	5/27/2010	Member	1601 Elm Street Suite 3900 Dallas, TX 75201	214-978-4767	Agency

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	Type of User	Address	Phone Number	Primary Activities
CastleOak Securities, LP	NA	NA	5/14/2010	5/14/2010	Member	110 E. 59th Street 2nd Floor New York, NY 10022	212-829-4776	Agency
CF Global Trading, LLC	10/23/2008	1/3/2011	NA	NA	Member	99 Park Avenue Suite 1710 New York, NY 10016	212-888-4673	Market Maker
Chimera Securities, LLC	6/2/2014	6/2/2014	6/25/2014	6/25/2014	Member	225 Park Avenue South 17th Floor New York, NY 10003	646-597-6146	Proprietary Trading
Chopper Securities, LLC	5/16/2011	5/16/2011	5/11/2011	5/11/2011	Member	141 West Jackson Boulevard Suite 2201A Chicago, IL 60604	312-628-3530	Proprietary
Churchill Capital USA, Inc.	8/18/2008	NA	NA	NA	Member	1270 Avenue of the Americas Suite 1910 New York, NY 10020	212-994-5477	Agency
CIBC World Markets Corp.	8/18/2008	11/15/2010	NA	NA	Member	425 Lexington Avenue New York, NY 10017	212-667-7030	Proprietary
Citadel Securities, LLC	10/23/2008	10/1/2010	5/14/2010	5/14/2010	Member	131 South Dearborn Street 32nd Floor Chicago, IL 60603	312-756-4416	Market Maker
Citigroup Global Markets, Inc.	9/24/2008	12/15/2010	5/25/2010	5/27/2010	Member	390-388 Greenwich Street New York, NY 10013	212-723-7700	Full Service
CJS Securities, Inc.	7/15/2009	3/15/2011	NA	NA	Member	50 Main Street Suite 325 White Plains, NY 10606	914-287-7600	Agency
Clearpool Execution Services, LLC	5/15/2014	5/15/2014	6/16/2014	6/16/2014	Member	17 State Street 38h Floor New York, NY 10004	212-531-8532	Public Customer Business
CLSA Americas, LLC	NA	NA	5/21/2013	5/21/2013	Member	1301 Avenue of the Americas New York, NY 10019	212-408-5719	Agency
CMT Fund XXV Limited	7/2/2012	7/2/2012	NA	NA	Sponsored Participant	500 West Monroe Street Suite 2630 Chicago, IL 60661	312-320-7897	Agency
CMT Trading, LLC	3/17/2014	3/17/2014	3/5/2014	3/5/2014	Member	500 West Monroe Street Suite 2630 Chicago, IL 60661	312-612-6930	Proprietary
Compass Professional Services, LLC	6/15/2011	NA	NA	NA	Member	111 W. Jackson Boulevard 20th Floor Chicago, IL 60604	312-692-5010	Proprietary
Concept Capital Markets, LLC	3/15/2011	3/15/2011	NA	NA	Member	1010 Franklin Avenue Suite 303 Garden City, NY 11530	212-702-7198	Agency
ConvergEx Execution Solutions, LLC	10/15/2008	9/1/2010	5/25/2010	5/27/2010	Member	1633 Broadway 48th Floor New York, NY 10019	212-468-8466	Full Service
COR Clearing, LLC	10/15/2009	NA	NA	NA	Member	1200 Landmark Center 1299 Farnam Street Suite 800 Omaha, NE 68102	402-384-6164	Clearing Firm
Cowen and Company, LLC	8/18/2008	10/7/2010	5/14/2010	5/14/2010	Member	599 Lexington Avenue 20th Floor New York, NY 10022	646-562-1623	Market Maker
Credit Suisse Securities (USA), LLC	9/3/2008	10/1/2010	5/25/2010	5/27/2010	Member	11 Madison Avenue 24th Floor New York, NY 10010	212-538-6067	Full Service
Critical Trading, LLC	7/1/2014	NA	NA	NA	Member	120 West 45th Street Suite 120 New York, NY 10036	646-918-0529	Firm Proprietary Trading/Market Maker
Cutler Group, LP	4/1/2010	10/6/2010	NA	NA	Member	101 Montgomery Street Suite 700 San Francisco, CA 94104	415-293-3956	Market Maker
Cuttone & Co., Inc.	NA	NA	5/25/2010	5/27/2010	Member	111 Broadway 10th Floor New York, NY 10006	646-943-5451	Market Maker
DART Executions, LLC	8/18/2008	10/1/2010	5/25/2010	5/27/2010	Member	350 North Orleans Street Suite 2N Chicago, IL 60654	312-244-5408	Proprietary
Dash Financial, LLC	10/23/2008	7/2/2012	6/9/2010	6/9/2010	Member	180 W. Adams Street 6th Floor Chicago, IL 60603	312-986-6210	Market Maker
DE Route	9/8/2008	10/4/2010	6/10/2010	4/29/2010	Member	545 Washington Boulevard Jersey City, NJ 07310	212-479-2319	ATS
Deutsche Bank Securities, Inc.	10/15/2008	10/11/2010	5/21/2010	5/21/2010	Member	60 Wall Street New York, NY 10005	212-250-7635	Full Service
Divine Capital Markets, LLC	10/15/2009	NA	NA	NA	Member	39 Broadway 36th Floor New York, NY 10006	212-344-5867	Agency
Dominick & Dominick, LLC	10/15/2008	NA	NA	NA	Member	150 East 52nd Street New York, NY 10022	212-558-8902	Institutional
Dougall & Associates, Inc.	5/15/2014	NA	NA	NA	Member	440 S LaSalle Street Chicago, IL 60605	312-663-2670	Proprietary / Agency
DRW Securities, LLC	9/1/2009	11/1/2010	5/25/2010	5/27/2010	Member	540 West Madison Street Suite 2500 Chicago, IL 60661	312-542-3226	Proprietary / Market Maker
E*TRADE Securities, LLC	NA	NA	NA	6/10/2010	Member	1271 Avenue of the Americas 14th Street New York, NY 10020	703-236-8856	Agency
Electronic Transaction Clearing, Inc.	10/23/2008	9/1/2010	5/25/2010	5/27/2010	Member	660 S. Figueroa Street Suite 1450 Los Angeles, CA 90017	213-402-1564	Market Maker
Essex Radez, LLC	2/17/2009	10/1/2010	5/10/2010	5/14/2010	Member	440 South LaSalle Suite 1111 Chicago, IL 60605	312-212-1815	Service Bureau
First Clearing, LLC	8/18/2008	NA	NA	NA	Member	One North Jefferson Avenue Mail Code: H0004-095 St. Louis, MO 63103	314-875-4843	Full Service
First New York Securities, LLC	NA	NA	6/10/2010	6/10/2010	Member	90 Park Avenue 5th Floor New York, NY 10016	212-848-0600	Proprietary
Flow Traders US, LLC	10/1/2009	8/1/2012	2/28/2014	2/28/2014	Member	1095 Avenue of the Americas 24th Floor, Suite B New York, NY 10036	917-210-5020	Hedge Fund

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	Type of User	Address	Phone Number	Primary Activities
FM Partners Holdings, LLC	11/16/2009	11/15/2010	5/14/2010	5/14/2010	Member	30 Rockefeller Plaza New York, NY 10020	212-632-2650	Institutional
G1 Execution Services, LLC	8/18/2008	12/1/2010	4/17/2010	4/17/2010	Member	440 South LaSalle Suite 3030 Chicago, IL 60605	312-986-8232	Market Maker
GB Trading, LLC	10/15/2009	10/21/2010	NA	NA	Sponsored Participant	40 Fulton Street 17th Floor New York, NY 10038	212-379-5634	Agency
GDK, Inc.	6/1/2010	1/3/2011	5/23/2011	5/23/2011	Member	c/o ART Advisors, LLC 500 Park Avenue New York, NY 10022	212-303-6179	Proprietary
Gildner Gagnon Howe & Co., LLC	10/23/2008	NA	NA	NA	Member	3 Columbus Circle New York, NY 10019	212-424-0208	Institutional
Global Execution Brokers, LP	2/1/2010	10/5/2010	NA	NA	Member	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	312- 435-4167	Institutional
Global HFT Management, LLC	10/1/2010	NA	NA	NA	Sponsored Participant	800 Third Avenue New York, NY 10022	212-813-0870	Proprietary
Global Liquidity Partners, LLC	4/21/2011	5/15/2012	NA	NA	Sponsored Participant	12 Broad Street Suite 201 Redbank, NJ 07701	773-459-4665	Agency
Goldman Sachs & Co.	10/23/2008	10/12/2010	5/14/2010	5/14/2010	Member	200 West Street New York, NY 10282	212-357-4587	Full Service
Goldman Sachs Execution & Clearing, LP	10/15/2008	10/1/2010	5/14/2010	5/14/2010	Member	200 West Street New York, NY 10282	212-357-7519	Full Service
Grace Financial Group, LLC	10/23/2008	NA	5/25/2010	5/27/2010	Member	83 Jobs Lane Southampton, NY 11968	631-287-4633	Agency
Great Point Capital, LLC	2/2/2015	2/2/2015	2/2/2015	2/2/2015	Member	175 W. Jackson Blvd. Suite 1450 Chicago, IL 60604	312-356-4668	Agency
Green Street Advisors, Inc.	11/1/2011	NA	NA	NA	Member	660 Newport Center Drive Suite 800 Newport Beach, CA 92660	214-749-4730	Agency
GSN North America, Inc.	8/18/2008	NA	NA	NA	Member	520 Madison Avenue New York, NY 10022	212-659-6292	Agency
GTS Securities, LLC	12/17/2013	5/1/2012	6/2/2014	6/2/2014	Member	545 Madison Avenue 15th Floor New York, NY 10022	212-715-2837	Proprietary
Hainey Investments Limited	6/16/2014	NA	NA	NA	Sponsored Participant	Themistoki Dervi 41 #806-807 Nicosia, Cyprus	704-248-8221	Proprietary
HAP Trading, LLC	10/1/2009	11/15/2010	6/2/2010	6/2/2010	Member	33 Whitehall Street 6th Floor New York, NY 10004	212-380-5186	Proprietary
Hardcastle Trading USA, LLC	4/15/2009	NA	5/25/2010	5/27/2010	Member	755 Secaucus Road Suite F-1110 Secaucus, NJ 07094	201-305-8817	Proprietary
Henning-Carey Proprietary Trading, LLC	8/15/2012	NA	NA	NA	Sponsored Participant	141 W. Jackson Boulevard Suite 1801 Chicago, IL 60604	312-789-8764	Proprietary
Highbridge Capital Management, LLC	10/23/2008	NA	NA	NA	Sponsored Participant	9 West 57th Street 27th Floor New York, NY 10019	212-287-4900	Proprietary
Hold Brothers Capital, LLC	NA	NA	6/8/2011	6/8/2011	Member	525 Washington Boulevard Suite 2450 Jersey City, NJ 07310	646-745-2133	Proprietary
HRT Financial, LLC	2/1/2010	10/1/2010	5/18/2010	5/18/2010	Member	32 Old Slip 30th Floor New York, NY 10005	212-293-1927	Proprietary
ICAP Corporates, LLC	NA	NA	3/28/2013	NA	Member	Harborside Financial Center 1100 Plaza 5, 12th Floor Jersey City, NJ 07311	212-341-9950	Agency
IEX Services, LLC	10/1/2013	10/1/2013	9/24/2013	9/24/2013	Member	7 World Trade Center 30th Floor New York, NY 10007	646-568-2337	ATS
IMC Financial Markets	8/18/2008	10/1/2010	5/25/2010	5/27/2010	Member	233 South Wacker Drive Suite 4300 Chicago, IL 60606	312-244-3320	Proprietary
Imperial Capital, LLC	10/23/2008	NA	5/25/2010	5/27/2010	Member	2000 Avenue of the Stars 9th Floor Los Angeles, CA 90067	310-246-3674	Market Maker
Industrial and Commercial Bank of China Financial Services, LLC	5/15/2014	5/15/2014	NA	NA	Member	1633 Broadway New York, NY 10019	212-300-8520	Clearing Services
Instinet, LLC	8/18/2008	9/1/2010	5/14/2010	5/14/2010	Member	1095 Avenue of the Americas New York, NY 10036	212-310-4097	Agency
Interactive Brokers, LLC	8/18/2008	9/15/2010	5/25/2010	5/27/2010	Member	One Pickwick Plaza 2nd Floor Greenwich, CT 06830	203-618-5870	Full Service
International Correspondent Trading, Inc.	8/18/2008	NA	NA	NA	Member	525 Washington Boulevard Suite 2401 Jersey City, NJ 07310	201-222-9300	Agency
ISTRA, LLC	12/15/2011	12/15/2011	NA	NA	Sponsored Participant	230 Park Avenue 10th Floor New York, NY 10169	718-618-4929	Proprietary
ITG Derivatives, LLC	8/18/2008	11/15/2010	NA	NA	Member	601 S. LaSalle Street Suite 300 Chicago, IL 60605	312-334-8042	Market Maker
ITG, Inc.	8/18/2008	10/1/2010	5/25/2010	5/27/2010	Member	One Liberty Plaza 165 Broadway, 4th Floor New York, NY 10006	212-444-6259	Agency
Jane Street Capital, LLC	5/1/2009	11/15/2010	5/14/2010	5/14/2010	Member	One New York Plaza New York, NY 10004	212-651-8060	Agency / Proprietary
Jane Street Options, LLC	1/3/2012	NA	NA	NA	Sponsored Participant	One New York Plaza New York, NY 10004	212-651-6969	Proprietary
Jaypee International, Inc.	10/15/2009	NA	NA	NA	Member	30 South Wacker Drive Suite 1700 Chicago, IL 60606	312-655-7606	Agency

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	Type of User	Address	Phone Number	Primary Activities
Jefferies Execution Services, Inc.	8/26/2008	9/1/2010	5/25/2010	5/27/2010	Member	520 Madison Avenue New York, NY 10022	646-805-5415	Full Service
Jefferies Investment Advisers	7/1/2011	7/15/2011	NA	NA	Sponsored Participant	520 Madison Avenue New York, NY 10022	212-323-3993	Full Service
Jefferies, LLC	10/23/2008	10/19/2010	5/25/2010	5/27/2010	Member	520 Madison Avenue New York, NY 10022	212-323-3987	Full Service
JNK Securities Corp.	11/17/2008	11/15/2010	NA	NA	Member	902 Broadway 20th Floor New York, NY 10010	212-885-6311	Agency
JP Morgan Clearing Corp.	10/23/2008	9/15/2010	NA	NA	Member	383 Madison Avenue New York, NY 10179	212-272-6655	Full Service
JP Morgan Securities, LLC	8/18/2008	9/15/2010	5/14/2010	5/14/2010	Member	383 Madison Avenue New York, NY 10179	212-622-5504	Full Service
Juliet Group, LLC	3/1/2011	3/1/2011	NA	NA	Sponsored Participant	240 E. 35th Street #3A New York, NY 10016	646-360-0595	Proprietary
Jump Trading, LLC	8/18/2008	10/1/2010	5/14/2010	5/14/2010	Member	600 West Chicago Avenue Suite 825 Chicago, IL 60654	312-930-9603	Proprietary
KCG Americas, LLC	9/15/2009	10/14/2010	1/3/2011	1/3/2011	Member	545 Washington Boulevard Jersey City, NJ 07310	201-356-4232	Agency
Keefe Bruyette & Woods, Inc.	8/18/2008	12/1/2010	6/8/2010	6/8/2010	Member	787 7th Avenue New York, NY 10019	212-887-8965	Agency
Kepler Capital Markets, Inc.	7/15/2013	7/15/2013	7/17/2013	7/17/2013	Member	600 Lexington Avenue 28th Floor New York, NY 10022	212-710-7625	Agency
Kershner Securities, LLC	2/12/2009	11/1/2010	NA	NA	Member	1825-B Kramer Lane Suite 200 Austin, TX 78758	512-439-8140	Proprietary
KeyBanc Capital Markets, Inc.	11/17/2008	11/15/2010	NA	NA	Member	127 Public Square Cleveland, OH 44114	216-443-3978	Agency
Keystone Trading Partners	2/1/2013	NA	NA	NA	Member	660 Narcisi Lane Wayne, PA 19018	918-407-3288	Options Market Maker
L & R Trading, LLC	9/1/2011	9/1/2011	8/12/2013	8/12/2013	Member	61 Broadway Suite 2830 New York, NY 10006	212-433-7262	Market Maker
Lampert Capital Markets, Inc.	2/18/2014	2/18/2014	2/26/2014	2/26/2014	Member	477 Madison Avenue Suite 230 New York, NY 10022	(646) 367-4660	Introducing Broker
Latour Trading, LLC	8/17/2009	10/1/2010	5/26/2010	5/27/2010	Member	377 Broadway 10th Floor New York, NY 10013	917-388-8625	Proprietary
LavaFlow, Inc.	9/11/2008	9/15/2010	5/26/2010	5/27/2010	Member	388 Greenwich Street 29th Floor New York, NY 10013	212-519-8965	Agency
Leerink Partners, LLC	8/18/2008	10/5/2010	5/26/2010	5/27/2010	Member	1 Federal Street 37th Floor Boston, MA 02110	800-808-7525	Agency
LEK Securities Corporation	8/18/2008	10/1/2010	5/26/2010	5/27/2010	Member	1 Liberty Plaza 165 Broadway, 52nd Floor New York, NY 10006	212-509-2300	Agency
Lightspeed Trading, LLC	8/18/2008	11/15/2010	5/19/2010	5/19/2010	Member	1001 Avenue of the Americas 16th Floor New York, NY 10018	646-393-4814	Proprietary
Lime Brokerage, LLC	8/18/2008	10/1/2010	5/26/2010	5/27/2010	Member	625 Broadway 12th Floor New York, NY 10012	212-219-6086	Agency
Liquidnet, Inc.	9/1/2009	9/15/2010	NA	NA	Member	498 7th Avenue 12th Floor New York, NY 10018	646-660-8310	Institutional
LiquidPoint, LLC	9/1/2010	NA	NA	NA	Member	311 South Wacker Drive Suite 4700 Chicago, IL 60606	312-986-2006	Order Management Service
Macquarie Capital (USA), Inc.	12/1/2009	NA	5/26/2010	5/27/2010	Member	125 West 55th Street Level 22 New York, NY 10019	212-231-2501	Agency
Marathon Trading Group, LLC	2/13/2015	NA	NA	NA	Member	100 Matsonford Road Building 3, Suite 240 Wayne, PA 19087	610-254-4890	Options Market Maker
MB Trading	2/17/2009	12/15/2010	NA	NA	Member	1926 East Maple Avenue El Segundo, CA 90245	866-628-3001	Retail / Agency
Memill Lynch Pierce Fenner & Smith, Incorporated	8/18/2008	10/4/2010	5/14/2010	5/14/2010	Member	One Bryant Park New York, NY 10036	212-449-6090	Full Service
Merrill Lynch Professional Clearing Corp.	8/18/2008	10/5/2010	5/14/2010	5/14/2010	Member	One Bryant Park NY1-100-06-01 New York, NY 10036	312-260-5601	Clearing Firm
Mitsubishi UFJ Securities (USA), Inc.	8/18/2008	10/14/2010	5/26/2010	5/27/2010	Member	1633 Broadway 29th Floor New York, NY 10019	212-782-4187	Institutional / Agency
Mizuho Securities USA, Inc.	6/1/2010	1/3/2011	NA	NA	Member	320 Park Avenue 12th Floor New York, NY 10022	212-209-9338	Agency
MKM Partners, LLC	8/3/2009	NA	5/14/2010	5/14/2010	Member	300 First Stamford Place 4th Floor East Wing Stamford, CT 06902	203-987-4005	Agency
Mocho Trading, LLC	9/2/2014	9/2/2014	9/2/2014	9/2/2014	Member	141 West Jackson Boulevard Suite 1120 Chicago, IL 60604	312-281-5570	Firm Proprietary Trading
Monadnock Capital Management, LP	5/15/2009	NA	5/26/2010	5/27/2010	Member	1845 Walnut Street Suite 940 Philadelphia, PA 19103	215-405-7280	Proprietary / Market Maker
Moors & Cabot, Inc.	NA	4/2/2012	NA	NA	Member	111 Devonshire Street Boston, MA 02109	617-314-0295	Agency
Morgan Stanley & Co., LLC	10/23/2008	9/1/2010	5/14/2010	5/14/2010	Member	1585 Broadway New York, NY 10036	212-761-9324	Full Service

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MYD Market, Inc.	2/1/2010	NA	NA	NA	Member	608 5th Avenue Suite 602 New York, NY 10020	212- 424-2101	Agency
NASDAQ Execution Services, LLC	8/19/2008	9/1/2010	5/26/2010	5/27/2010	Member	One Liberty Plaza 165 Broadway New York, NY 10006	212-231-5177	Exchange
NASDAQ Options Services, LLC	2/1/2010	NA	NA	NA	Member	One Liberty Plaza 165 Broadway New York, NY 10006	212-401-8970	Exchange
National Financial Services, LLC	10/23/2008	10/4/2010	5/26/2010	5/27/2010	Member	200 Seaport Boulevard Boston, MA 02210	201-915-8264	Retail / Agency
National Securities Corporation	7/1/2009	NA	NA	NA	Member	1001 Fourth Avenue Suite 3750 Seattle, WA 98154	212-417-3636	Agency
Needham & Company, LLC	10/23/2008	10/1/2010	NA	NA	Member	445 Park Avenue New York, NY 10022	212-371-8411	Market Maker
Newedge USA, LLC	10/23/2008	10/21/2010	5/26/2010	5/27/2010	Member	550 W. Jackson Boulevard Suite 500 Chicago, IL 60661	646-557-8387	Full Service
Nomura Securities International, Inc.	10/23/2008	10/1/2010	5/26/2010	5/27/2010	Member	Worldwide Plaza 309 Vest 49th Street New York, NY 10019	212-667-9131	Institutional
Northern Trust Securities, Inc.	8/18/2008	10/5/2010	5/26/2010	5/27/2010	Member	50 South LaSalle Street Chicago, IL 60603	312-630-6045	Market Maker
Northland Securities, Inc.	12/15/2010	12/15/2010	NA	NA	Member	45 South 7th Street 20th Floor Minneapolis, MN 55402	612-851-5934	Proprietary
OBD Securities, LLC	9/1/2011	10/15/2012	2/9/2012	2/9/2012	Member	150 N. Michigan Avenue Suite 3700 Chicago, IL 60601	312-768-1643	Proprietary
Old Mission Capital, LLC	4/16/2012	4/16/2012	4/25/2012	4/25/2012	Member	314 West Superior Suite 200 Chicago, IL 60654	617-642-6120	Proprietary
Oppenheimer & Co., Inc.	10/23/2008	10/12/2010	5/14/2010	5/14/2010	Member	85 Broad Street 22nd/24th Floor New York, NY 10004	212-668-8152	Agency
optionsXpress, Inc.	6/15/2010	NA	NA	NA	Member	311 West Monroe Suite 1000 Chicago, IL 60606	312-630-3300	Retail
Optiver US, LLC	6/15/2009	NA	NA	NA	Member	130 East Randolph Street 13th Floor Chicago, IL 60601	312-821-9263	Proprietary / Market Maker
OTA, LLC	8/18/2008	10/7/2010	NA	NA	Member	One Manhattanville Road Purchase, NY 10577	914-460-4071	Institutional
OTR Global Trading, LLC	12/15/2008	NA	NA	NA	Member	One Manhattanville Road Purchase, NY 10577	914-460-4099	Institutional
PDQ ATS, Inc.	10/15/2008	10/4/2010	5/26/2010	5/27/2010	Member	2624 Patriot Boulevard Glenview, IL 60026	224-521-2494	ATS
PEAK6 Capital Management, LLC	8/1/2014	NA	NA	NA	Member	141 W. Jackson Blvd. Suite 500 Chicago, IL 60604	312-362-2357	Proprietary Trading
PEAK6 Capital Management, LLC	11/3/2008	7/15/2011	NA	NA	Sponsored Participant	141 W. Jackson Blvd. Suite 500 Chicago, IL 60604	312-362-2401	Market Maker
Penserra Securities, LLC	8/18/2008	10/6/2010	NA	NA	Member	140 Broadway 26th Floor New York, NY 10005	212-607-3190	Agency
Pershing, LLC	8/18/2008	9/15/2010	5/26/2010	5/27/2010	Member	One Pershing Place Jersey City, NJ 07399	201-413-2826	Agency
Pico Quantitative Trading, LLC	NA	NA	6/10/2010	6/10/2010	Member	120 Wall Street 16th Floor New York, NY 10005	917-714-5376	Agency
Pictet Overseas, Inc.	NA	NA	5/26/2010	5/27/2010	Member	1000 de la Gauchetière Ouest Suite 3100 Montreal, Quebec H3B 0Y6	514-350-6263	Agency
Pinnacle Capital Marktes, LLC	11/3/2008	12/1/2010	NA	NA	Member	4700 Falls Neuse Suite 390 Raleigh, NC 27609	919-850-0888	Agency
Piper Jaffray & Co.	10/15/2008	11/15/2012	5/14/2010	5/14/2010	Member	800 Nicollet Mall Minneapolis, MN 55402	612-303-2211	Market Maker
Potamus Trading, LLC	4/15/2013	4/15/2013	4/11/2013	4/11/2013	Member	2 Seaport Lane 5th Floor Boston, MA 02210	617-855-8721	Proprietary / Market Maker
Quantex Clearing, LLC	10/3/2011	12/27/2011	5/17/2011	5/17/2011	Member	70 Hudson Street Hoboken, NJ 07030	646-214-5608	Clearing Firm
Quantlab Securities, LP	8/18/2008	11/1/2010	5/26/2010	5/27/2010	Member	4200 Montrose Boulevard Suite 200 Houston, TX 77006	713-333-3704	Proprietary
Quiet Light Securities, LLC	8/29/2008	1/3/2011	NA	NA	Member	141 W. Jackson Boulevard Suite 202A Chicago, IL 60604	312-229-4195	Proprietary
Rackson Asset Management, LLC	10/1/2009	NA	NA	NA	Sponsored Participant	2000 Broadway Suite 22C New York, NY 10023	212-724-2567	Proprietary
Rainier Investment Management, Inc.	1/4/2010	NA	NA	NA	Sponsored Participant	601 Union Street Suite 2801 Seattle, WA 98101	206-518-6658	Hedge Fund
Raven Securities Corp.	6/1/2009	11/15/2010	NA	NA	Member	Accounting & Compliance International 40 Wall Street, 17th Floor New York, NY 10005	212-952-0634	Agency
RBC Capital Markets, LLC	9/18/2008	10/14/2010	5/14/2010	5/14/2010	Member	3 World Financial Center 200 Vesey Street New York, NY 10281	612-373-1680	Market Maker
Red Cedar Trading, LLC	4/2/2012	NA	NA	NA	Member	520 Lake Cook Road Suite 110 Deerfield, IL 60015	847-571-2865	Market Maker
RenCap Securities, Inc.	11/17/2008	NA	NA	NA	Member	780 Third Avenue 20th Floor New York, NY 10017	212-824-1097	Agency

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RGM Securities, LLC	8/3/2009	10/1/2010	5/26/2010	5/27/2010	Member	221 West 6th Street Suite 2030 Austin, TX 78701	512-807-5302	Proprietary
River Cross Securities, LLLP	5/1/2009	10/5/2010	6/10/2010	NA	Member	401 City Avenue Suite 912 Bala Cynwyd, PA 19004	610-747-2333	ATS
RJL Capital Group, LLC	5/15/2012	NA	NA	NA	Member	2 Teleport Drive Suite 107 Staten Island, NY 10311	718-303-6000	Agency
Robert W. Baird & Co., Incorporated	10/23/2008	1/3/2011	NA	NA	Member	777 East Wisconsin Avenue Milwaukee, WI 53202	414-765-3910	Market Maker
Ronin Capital, LLC	5/15/2012	NA	6/8/2012	6/8/2012	Member	350 N. Orleans Street Suite 2N Chicago, IL 60654	312-244-5284	Market Maker
Ronin Capital, LLC	8/17/2009	11/15/2010	NA	NA	Sponsored Participant	350 N. Orleans Street Suite 2N Chicago, IL 60654	312-244-5284	Proprietary / Market Maker
Rosenblatt Securities, Inc.	8/18/2008	10/6/2010	5/26/2010	5/27/2010	Member	20 Broad Street 26th Floor New York, NY 10005	212-943-5225	Agency
Roth Capital Partners, LLC	8/18/2008	NA	NA	NA	Member	888 San Clemente Suite 150 Newport Beach, CA 92660	949-720-5708	Market Maker
RS Platou Markets, Inc.	NA	NA	1/15/2015	NA	Member	410 Park Avenue Suite 710 New York, NY 10022	212-317-7099	Public Customer Business
RW Pressprich & Co.	2/17/2009	11/15/2010	6/2/2010	6/2/2010	Member	4521 Fifth Avenue New York, NY 10018	212-832-8254	Agency
SAC Capital Advisors, LP	10/23/2008	NA	NA	NA	Sponsored Participant	72 Cummings Point Road Stamford, CT 06902	203-890-2275	Hedge Fund
Safra Securities Corporation	NA	NA	5/26/2010	5/27/2010	Member	546 Fifth Avenue New York, NY 10036	212-704-5524	Market Maker
Sanford C. Bernstein & Co, LLC	9/10/2008	10/21/2010	5/26/2010	5/27/2010	Member	1345 Ave of the Americas New York, NY 10105	212-823-2896	Agency
Santander Investment Securities, Inc.	4/15/2009	1/3/2011	NA	NA	Member	45 East 53rd Street New York, NY 10022	212-350-3659	Institutional
Scotia Capital (USA), Inc.	3/2/2009	9/15/2010	5/26/2010	5/27/2010	Member	1 Liberty Plaza 165 Broadway New York, NY 10006	212-225-6705	Institutional
Scottrade, Inc.	6/1/2010	11/15/2010	5/26/2010	5/27/2010	Member	12800 Corporate Hill Drive St. Louis, MO 63131	314-965-1555 x.6402	Retail
Sea Port Group Securities LLC	NA	NA	4/1/2013	NA	Member	360 Madison Avenue New York, NY 10017	212-616-7771	Agency
Seven Points Capital, LLC	8/18/2008	12/15/2010	5/14/2010	5/14/2010	Member	805 Third Avenue 15th Floor New York, NY 10022	212-760-0760	Agency
SG Americas Securities, LLC	9/17/2008	11/15/2011	5/14/2010	5/14/2010	Member	245 Park Avenue New York, NY 10167	212-278-5232	Proprietary
Southwest Securities, Inc.	10/23/2008	9/1/2010	NA	5/21/2013	Member	1201 Elm Street Suite 3500 Dallas, TX 75270	214-859-5125	Clearing Firm
Spire X Trading, LLC	4/1/2013	4/1/2013	NA	NA	Sponsored Participant	377 Broadway 11th Floor New York, NY 10013	917-388-8625	Proprietary
Spot Trading, LLC	6/1/2012	NA	1/25/2013	1/25/2013	Member	440 South LaSalle Suite 2800 Chicago, IL 60605	312-362-4569	Proprietary
Stifel Nicolaus & Company, Incorporated	8/18/2008	NA	6/2/2010	6/2/2010	Member	501 North Broadway St. Louis, MO 63102	410-454-4096	Agency
Stock USA Execution Services, Inc.	8/18/2008	10/14/2010	5/26/2010	5/27/2010	Member	1717 Route 6 Suite 102 Carmel, NY 10542	845-531-2631	Agency
Stuart Frankel & Co., Incorporated	8/18/2008	NA	NA	NA	Member	60 Cutler Mill Road Suite 405 Great Neck, NY 11021	212-943-8788	Agency
Stuyvesant Trading Group, LLC	8/15/2013	NA	NA	NA	Member	100 Wall Street Suite 604-A New York, NY 10005	212-433-7124	Market Maker
Summit Securities Group, LLC	7/16/2012	7/16/2012	8/20/2012	8/20/2012	Member	2 Rector Street 16th Floor New York, NY 10006	646-651-4380	Proprietary
Sumo Capital, LLC	7/15/2013	NA	NA	NA	Member	440 S LaSalle Street Suite 2101 Chicago, IL 60605	212-433-7667	Proprietary
Sun Trading, LLC	8/18/2008	10/1/2010	5/26/2010	5/27/2010	Member	100 South Wacker Suite 300 Chicago, IL 60606	312-924-4751	Proprietary
Sungard Brokerage & Securities Services, LLC	8/18/2008	10/1/2010	5/6/2010	5/6/2010	Member	2100 Enterprise Avenue Geneva, IL 60134	201-356-1488	Agency
SunTrust Robinson Humphrey, Inc.	NA	NA	5/18/2010	5/18/2010	Member	3333 Peachtree Road NE Atlanta Financial Center Atlanta, GA 30326	404-813-0837	Agency
Susquehanna Capital Group	9/3/2008	10/5/2010	5/26/2010	5/27/2010	Member	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-2996	Institutional / Agency
Susquehanna Financial Group, LLLP	9/3/2008	10/5/2010	5/26/2010	5/27/2010	Member	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-2999	Institutional / Agency
Susquehanna Securities	10/15/2014	10/15/2014	10/15/2014	10/15/2014	Member	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-2618	Proprietary
TD Ameritrade Clearing, Inc.	5/3/2011	5/3/2011	NA	5/27/2010	Member	200 South 108th Avenue Omaha, NE 68154	402-970-5271	Agency
Telsey Advisory Group, LLC	1/24/2011	8/15/2014	NA	NA	Member	535 Fifth Avenue 12th Floor New York, NY 10017	212-584-4628	Agency

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Tewksbury Investment Fund, Ltd.	10/23/2008	11/15/2010	NA	NA	Sponsored Participant	Washington Mall I 20th Church Street, 4th Floor Hamilton, HM 11 Bermuda	212-310-7076	Proprietary
Tewksbury Investment Fund, Ltd.	7/1/2011	7/1/2011	1/6/2015	1/6/2015	Sponsored Participant	Washington Mall I 20th Church Street, 4th Floor Hamilton, HM 11 Bermuda	610-971-5000	Proprietary
Themis Trading, LLC	8/18/2008	10/1/2010	NA	5/27/2010	Member	10 Town Square Suite 100 Chatham, NJ 07928	866-384-3647	Agency
ThinkTrade, LLC	2/1/2010	10/20/2010	1/9/2015	1/9/2015	Sponsored Participant	2210 Encintas Boulevard Suite 1 Encintas, CA 92024	760-452-2451	Proprietary
Timber Hill, LLC	2/16/2010	NA	NA	NA	Member	One Pickwick Plaza Suite 200 Greenwich, CT 06830	203-618-5806	Market Maker
Track Data Securities Corporation	9/10/2008	9/15/2010	NA	NA	Member	1122 Coney Island Avenue Brooklyn, NY 11230	718-923-3091	ATS
Tradebot Systems, Inc.	8/18/2008	9/1/2010	5/26/2010	5/27/2010	Member	1251 NW Briarcliff Parkway Suite 700 Kansas City, MO 64116	816-285-6403	Proprietary
TradeKing, LLC	10/15/2009	11/15/2010	NA	NA	Member	888 E. Las Olas Boulevard Suite 300 Fort Lauderdale, FL 33301	561-271-9290	Agency
TradeStation Securities, Inc.	8/18/2008	9/1/2010	5/25/2010	5/25/2010	Member	8050 SW 10th Street Suite 2000 Plantation, FL 33324	954-652-7856	Market Maker
TRC Hefepolis, Ltd.	12/11/2009	NA	NA	NA	Sponsored Participant	377 Broadway 11th Floor New York, NY 10013	646-472-1792	Proprietary
Tripoint Global Equities, LLC	6/15/2011	NA	NA	NA	Member	130 West 42nd Street 10th Floor New York, NY 10036	917-512-0822	Proprietary
Tudor Pickering Holt & Co. Securities, Inc.	8/18/2008	10/17/2011	NA	NA	Member	1111 Bagby Suite 4900 Houston, TX 77002	713-333-2976	Agency
Two Sigma Investments, LLC	9/1/2009	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	212-775-6678	Proprietary
Two Sigma Partners Master Fund, Ltd.	3/2/2009	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	212-775-6678	Proprietary
Two Sigma Securities, LLC	10/1/2009	10/5/2010	5/27/2010	5/27/2010	Member	100 Avenue of the Americas 4th Floor New York, NY 10013	646-292-6643	Proprietary
Two Sigma Securities, LLC	7/1/2009	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	646-292-6643	Proprietary
UBS Securities, LLC	10/15/2008	10/1/2010	4/12/2010	4/12/2010	Member	1285 Avenue of the Americas New York, NY 10019	203-719-3275	Full Service
Vandham Securities Corp.	8/18/2008	NA	NA	NA	Member	50 Tice Boulevard Woodcliff, NJ 07677	201-782-3300	Agency
ViewTrade Securities, Inc.	8/18/2008	11/15/2010	6/10/2010	6/10/2010	Member	7280 W. Palmetto Park Road Suite 105 Boca Raton, FL 33433	561-620-0306	Agency
Virtu Financial BD, LLC	11/17/2008	10/7/2010	5/27/2010	5/27/2010	Member	645 Madison Avenue 16th Floor New York, NY 10022	212-418-0118	Proprietary
Virtu Financial Capital Markets, LLC	8/18/2008	9/1/2010	5/25/2010	5/27/2010	Member	307 Camp Craft Road West Lake Hills, TX 78746	310-651-9757	Proprietary
Vision Financial Markets, LLC	4/1/2009	11/15/2010	7/13/2012	7/13/2012	Member	4 High Ridge Park Suite 100 Stamford, CT 06905	203-388-2675	Retail
Volant Liquidity, LLC	4/15/2011	NA	5/27/2010	5/27/2010	Member	7 World Trade Center Suite 3301 New York, NY 10007	646-484-3005	Proprietary
Wall Street Access	11/3/2008	10/17/2011	5/27/2010	5/27/2010	Member	17 Battery Place 11th Floor New York, NY 10004	212-232-5602	Agency
Walleye Trading, LLC	12/1/2008	11/12/2010	NA	NA	Member	2800 Niagara Lane North Plymouth, MN 55447	952-345-5226	Market Maker
Wedbush Securities, Inc.	8/18/2008	9/1/2010	5/27/2010	5/27/2010	Member	1000 Wilshire Boulevard #900 Business Conduct Los Angeles, CA 90017	213-688-4575	Market Maker
Weeden & Co, LP	8/26/2008	10/19/2010	NA	NA	Member	145 Mason Street Greenwich, CT 06830	203-861-7600	Full Service
Wells Fargo Prime Services, LLC	10/23/2008	5/16/2011	5/26/2010	5/26/2010	Member	45 Fremont Street 30th Floor San Francisco, CA 94105	415-848-4056	Market Maker
Wells Fargo Securities, LLC	8/18/2008	10/11/2010	6/9/2010	6/9/2010	Member	550 South Tryon Street, 6th Floor D1086-060 Charlotte, NC 28202	212-214-6458	Agency
Western International Securities, Inc.	8/18/2008	11/15/2010	NA	NA	Member	70 South Lake Avenue 7th Floor Pasadena, CA 91101	626-710-3110	Market Maker
WhoTrades, Inc.	8/15/2013	8/15/2013	8/15/2014	8/15/2014	Member	17 State Street 7th Floor New York, NY 10004	646-346-1000	Retail
Williams Trading, LLC	10/23/2008	NA	NA	NA	Member	450 Post Road East Suite 120 Westport, CT 06880	203-353-7635	Agency
Wolverine Execution Services LLC	8/18/2008	10/19/2010	5/14/2010	5/14/2010	Member	175 West Jackson Boulevard Suite 200 Chicago, IL 60604	312-884-3736	Market Maker
Wolverine Trading, LLC	10/3/2011	NA	NA	NA	Member	175 West Jackson Boulevard Suite 200 Chicago, IL 60604	312-884-3753	Proprietary / Market Maker
Xambala Capital, LLC	2/15/2012	2/15/2012	2/17/2012	2/17/2012	Member	640 W. California Avenue Suite 220 Sunnyvale, CA 94086	408-990-1942	Proprietary
XR Securities, LLC	1/15/2009	11/15/2010	5/10/2012	5/10/2012	Member	550 W. Jackson Boulevard Suite #1000 Chicago, IL 60661	312-244-4672	Proprietary

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Zydeco Trading, LLC	2/18/2014	NA	NA	NA	Member	50 North Brockway Suite 4-4A Palatine, IL 60067	847-907-4319	Options Market Maker