SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-81721; File No. SR-NYSEArca-2017-85]

Self-Regulatory Organizations; NYSE Arca, Inc.; Notice of Designation of a Longer Period for Commission Action on Proposed Rule Change, as Modified by Amendment No. 1, To Amend NYSE Arca Equities Rule 8.700 to Reference EURO STOXX 50 Volatility Index Futures and To List and Trade Shares of the ProShares European Volatility Futures ETF

September 26, 2017.

On July 28, 2017, NYSE Arca, Inc. filed with the Securities and Exchange Commission ("Commission"), pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act") and Rule 19b–4 thereunder,² a proposed rule change to amend NYSE Arca Equities Rule 8.700 to add EURO STOXX 50 Volatility Index (VSTOXX®) futures to the financial instruments that an issue of Managed Trust Securities may hold; and (2) to list and trade shares of the **ProShares European Volatility Futures** ETF under proposed amended NYSE Arca Equities Rule 8.700. The proposed rule change was published for comment in the Federal Register on August 16, 2017.3 On September 21, 2017, the Exchange submitted Amendment No. 1 to the proposed rule change.4 The Commission has received no comment letters on the proposed rule change.

Section 19(b)(2) of the Act 5 provides that, within 45 days of the publication of notice of the filing of a proposed rule change, or within such longer period up to 90 days as the Commission may designate if it finds such longer period to be appropriate and publishes its reasons for so finding or as to which the self-regulatory organization consents, the Commission shall either approve the proposed rule change, disapprove the proposed rule change, or institute proceedings to determine whether the proposed rule change should be disapproved. The 45th day after publication of the notice for this proposed rule change is September 30, 2017. The Commission is extending this 45-day time period. The Commission finds that it is appropriate to designate

a longer period within which to take action on the proposed rule change so that it has sufficient time to consider the proposed rule change.

Accordingly, the Commission, pursuant to Section 19(b)(2) of the Act,⁶ designates November 14, 2017, as the date by which the Commission shall either approve or disapprove or institute proceedings to determine whether to disapprove the proposed rule change (File Number SR–NYSEArca–2017–85), as modified by Amendment No. 1.

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority. 7

Eduardo A. Aleman,

Assistant Secretary.

[FR Doc. 2017-21000 Filed 9-29-17; 8:45 am]

BILLING CODE 8011-01-P

SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-81720; File No. 4-631]

Joint Industry Plan; Notice of Filing and Immediate Effectiveness of the Fifteenth Amendment to the National **Market System Plan To Address Extraordinary Market Volatility by Bats** BZX Exchange, Inc., Bats BYX Exchange, Inc., Bats EDGA Exchange, Inc., Bats EDGX Exchange, Inc., Chicago Stock Exchange, Inc., **Financial Industry Regulatory** Authority, Inc., Investors Exchange LLC, NASDAQ BX, Inc., NASDAQ PHLX LLC, The Nasdag Stock Market LLC, NYSE National, Inc., New York Stock Exchange LLC, NYSE American LLC, and NYSE Arca, Inc.

September 26, 2017.

I. Introduction

On August 31, 2017, NYSE Group, Inc., on behalf of the following parties to the National Market System Plan to Address Extraordinary Market Volatility ("the Plan"): ¹ Bats BZX Exchange, Inc.,

Bats BYX Exchange, Inc., Bats EDGA Exchange, Inc., Bats EDGX Exchange, Inc., Chicago Stock Exchange, Inc., the Financial Industry Regulatory Authority, Inc. ("FINRA"), Investors Exchange LLC, NASDAQ BX, Inc. NASDAQ PHLX LLC, The NASDAQ Stock Market LLC ("Nasdaq"), New York Stock Exchange LLC ("NYSE") NYSE Arca, Inc., NYSE American LLC, and NYSE National Inc. (collectively, the "Participants") filed with the Securities and Exchange Commission ("Commission") pursuant to Section 11A(a)(3) of the Securities Exchange Act of 1934 ("Exchange Act") 2 and Rule 608 thereunder,3 a proposal to amend the Plan ("Fifteenth Amendment").4 The proposal reflects changes unanimously approved by the Participants. The Fifteenth Amendment proposes to extend the implementation date for the twelfth amendment to the Plan ("Twelfth Amendment") and related changes from the thirteenth amendment to the Plan ("Amendment 13 Changes") set out in the fourteenth amendment to the Plan ("Fourteenth Amendment"), as discussed below.5 The Participants are filing the Fifteenth Amendment for immediate effectiveness pursuant to

2013). On January 7, 2014, the Commission noticed for immediate effectiveness the Sixth Amendment to the Plan. See Securities Exchange Act Release No. 71247, 79 FR 2204 (January 13, 2014). On April $3,\,2014,$ the Commission approved the Seventh Amendment to the Plan, See Securities Exchange Act Release No. 71851, 79 FR 19687 (April 9, 2014). On February 19, 2015, the Commission approved the Eight Amendment to the Plan. See Securities Exchange Act Release No. 74323, 80 FR 10169 (February 25, 2015). On October 22, 2015, the Commission approved the Ninth Amendment to the Plan. See Securities Exchange Act Release No. 76244, 80 FR 66099 (October 28, 2015). On April 21, 2016, the Commission approved the Tenth Amendment to the Plan. See Securities Exchange Act Release No. 77679, 81 FR 24908 (April 27, 2016). On August 26, 2016, the Commission noticed for immediate effectiveness the Eleventh Amendment to the Plan. See Securities Exchange Act Release No. 78703, 81 FR 60397 (September 1, 2016). On January 19, 2017, the Commission approved the Twelfth Amendment to the Plan. See Securities Exchange Act Release No. 79845, 82 FR 8551 (January 26, 2017). On April 13, 2017, the Commission approved the Thirteenth Amendment to the Plan. See Securities Exchange Act Release No. 80455, 82 FR 18519 (April 19, 2017). On April 28, 2017, the Commission noticed for immediate effectiveness the Fourteenth Amendment to the Plan. See Securities Exchange Act Release No. 80549, 82 FR 20928 (May 4, 2017).

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

 $^{^3}$ See Securities Exchange Act Release No. 81373 (August 10, 2017), 82 FR 38973.

⁴ Amendment No. 1 replaces and supersedes the original filing in its entirety. Amendment No. 1 is located at: https://www.sec.gov/comments/srnysearca-2017-85/nysearca201785-2589875-161110.pdf.

⁵ 15 U.S.C. 78s(b)(2).

⁶ *Id*.

^{7 17} CFR 200.30-3(a)(31).

¹On May 31, 2012, the Commission approved the Plan, as modified by Amendment No. 1. $\bar{S}ee$ Securities Exchange Act Release No. 67091, 77 FR 33498 (June 6, 2012) (File No. 4-631), On February 20, 2013, the Commission noticed for immediate effectiveness the Second Amendment to the Plan. See Securities Exchange Act Release No. 68953, 78 FR 13113 (February 26, 2013). On April 3, 2013, the Commission approved the Third Amendment to the Plan. See Securities Exchange Act Release No. 69287, 78 FR 21483 (April 10, 2013). On August 27, 2013, the Commission noticed for immediate effectiveness the Fourth Amendment to the Plan. See Securities Exchange Act Release No. 70273, 78 FR 54321 (September 3, 2013). On September 26, 2013, the Commission approved the Fifth Amendment to the Plan. See Securities Exchange Act Release No. 70530, 78 FR 60937 (October 2,

² 15 U.S.C 78k-1(a)(3).

^{3 17} CFR 242.608.

⁴ See Letter from Elizabeth King, General Counsel and Corporate Secretary, NYSE, to Brent Fields, Secretary, Commission, dated August 30, 2017 ("Transmittal Letter").

⁵ The Participants also propose a non-substantive amendment to the Plan text to reflect the name change of NYSE MKT LLC to NYSE American LLC. See Securities Exchange Act Release No. Securities Exchange Act Release No. 80283 (March 21, 2017), 82 FR 15244 (March 27, 2017) (SR–NYSEMKT–2017–14).

Rule 608(b)(3)(iii) of Regulation NMS ("Rule 608") under the Exchange Act.⁶ The Commission is publishing this notice to solicit comments from interested persons.⁷

II. Description of the Plan

Set forth in this Section II is the statement of the purpose and summary of the Fourteenth Amendment, along with the information required by Rule 608(a)(4) and (5) under the Exchange Act,⁸ prepared and submitted by the Participants to the Commission.⁹

A. Statement of Purpose and Summary of the Plan Amendment

The Participants filed the Plan on April 5, 2011, to create a market-wide limit up-limit down mechanism intended to address extraordinary market volatility in NMS Stocks, as defined in Rule 600(b)(47) of Regulation NMS under the Exchange Act. The Plan sets forth procedures that provide for market-wide limit up-limit down requirements that would prevent trades in individual NMS Stocks from occurring outside of the specified price bands. These limit up-limit down requirements are coupled with Trading Pauses, 10 as defined in Section I(Y) of the Plan, to accommodate more fundamental price moves. In particular, the Participants adopted this Plan to address the type of sudden price movements that the market experienced on the afternoon of May 6, 2010.

As set forth in more detail in the Plan, all trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to comply with the limit uplimit down requirements specified in the Plan. More specifically, the Processor responsible for consolidation of information for an NMS Stock pursuant to Rule 603(b) of Regulation NMS under the Exchange Act will be responsible for calculating and disseminating a lower price band and upper price band, as provided for in Section V of the Plan. Section VI of the Plan sets forth the limit up-limit down requirements of the Plan, and in particular, that all trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants,

shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent trades at prices that are below the lower price band or above the upper price band for an NMS Stock, consistent with the Plan.

The changes approved by the Commission in the twelfth amendment to the Plan provide that a Trading Pause will continue until the Primary Listing Exchange has reopened trading using its established reopening procedures, and to require that trading centers not resume trading in an NMS Stock following a Trading Pause without Price Bands for such NMS Stock. In the Statement of Purpose filed with the twelfth amendment, the Participants stated that the changes described in the twelfth amendment would be implemented no later than six months after approval of that amendment. Based on the fourteenth amendment to the Plan, the twelfth amendment must be implemented no later than the end of the third quarter of 2017.

Because the SIP technology changes necessary to implement the twelfth amendment to the Plan and the Amendment 13 Changes will not be ready by September 30, 2017, the Participants are filing this proposal to change the implementation date for the changes to the Plan set forth in the twelfth amendment and the Amendment 13 Changes to no later than November 30, 2017. Specifically, the CQS and CTA SIPs are in the process of upgrading to binary message type formats over their multicast channels and the changes described in the twelfth and thirteenth amendments to the Plan are scheduled to be implemented together with these upgrades. SIAC has announced revised implementation dates for the implementation of the CQS and CTA new binary formats, which impacts the implementation dates for SIAC's implementation of the twelfth amendment to the Plan and the

Amendment 13 Changes.¹¹
Because of a dependency on certain
SIP technology changes, certain Primary
Listing Exchanges will not be ready to
implement the changes to their
automated reopening processes
following a Trading Pause, which were
made pursuant to exchange rule filings
in conjunction with the twelfth
amendment to the Plan, by September
30, 2017. To provide for a standardized
approach that would allow for
extensions of a Trading Pause by the

Primary Listing Exchange if equilibrium cannot be met to establish a Reopening Price within specified parameters ("automated reopening changes"), the Primary Listing Exchanges amended their rules for automated reopenings. 12 The Primary Listing Exchanges anticipate implementing the automated reopening changes commensurate with implementation of the twelfth amendment to the Plan and the Amendment 13 Changes. 13

Accordingly, both to provide time to support the technology changes for the twelfth amendment to the Plan and to align the implementation date of the twelfth amendment and the

Amendment 13 Changes with the implementation timeline for the automated reopening changes by the Primary Listing Exchanges, the Participants propose to change the implementation date for the changes in the twelfth amendment to the Plan and the Amendment 13 Changes to no later than November 30, 2017. This proposed change does not require any changes to the text of the Plan.

The Participants believe that the proposed modification to the implementation schedule is technical and ministerial in nature because it simply extends the implementation period for the twelfth amendment to the Plan and does not change any substantive elements of the Plan. 14 The Participants believe that the proposal to extend the implementation schedule is consistent with the goal of the twelfth amendment to the Plan, which is to reduce the potential for sequential Trading Pauses in an NMS Stock by centralizing the reopening process through the Primary Listing Exchanges, because it would align the implementation schedule for the twelfth amendment to the Plan with the implementation schedule for the automated reopening changes. The proposed amendment would therefore protect investors and the public interest

^{6 17} CFR 242.608(b)(3)(iii).

^{7 17} CFR 242.608(b)(1).

⁸ See 17 CFR 242.608(a)(4) and (a)(5).

⁹ See Transmittal Letter, supra note 4.

¹⁰ Unless otherwise specified, the terms used herein have the same meaning as set forth in the Plan.

¹¹ See Updated CQS and CTS Multicast Output Binary Formats: Testing and Implementation Schedule Update 7, available here: https:// www.nyse.com/publicdocs/ctaplan/notifications/ trader-update/CTS_CQS% 20New% 20Binary% 20 Formats_Update_v7_06262017.pdf.

¹² See Securities Exchange Act Release Nos.
79846 (January 19, 2017), 82 FR 8548 (January 26, 2017) (SR-NYSEArca-2016-130) (Approval Order);
79884 (January 26, 2017), 82 FR 8968 (February 1, 2017) (SR-BatsBZX-2016-61) (Approval Order);
79876 (January 25, 2017), 82 FR 8888 (January 31, 2017) (SR-Nasdaq-2016-131) (Approval Order).

¹³ In other words, the Participants expect that both the changes pursuant to the twelfth amendment and the Primary Listing Exchange automated reopening changes would become operative at the same time.

¹⁴ See, e.g., Securities Exchange Act Release Nos. 70273 (amending Section VIII.B of the Plan to establish a new implementation schedule for Phase II of the Plan) and 71247 (amending Section VIII.B of the Plan to establish a new implementation schedule for Phase II of the Plan), supra note 1.

and is appropriate to the maintenance of G. Approval of Amendment of the Plan fair and orderly markets.

B. Governing or Constituent Documents

The governing documents of the Processor, as defined in Section I(P) of the Plan, will not be affected by the Plan, but once the Plan is implemented, the Processor's obligations will change, as set forth in detail in the Plan.

C. Implementation of Plan

The initial date of the Plan operations was April 8, 2013.

D. Development and Implementation Phases

The Plan was initially implemented as a one-year pilot program in two Phases, consistent with Section VIII of the Plan: Phase I of Plan implementation began on April 8, 2013 and was completed on May 3, 2013. Implementation of Phase II of the Plan began on August 5, 2013 and was completed on February 24, 2014. The tenth amendment to the Plan was implemented on July 18, 2016. Pursuant to the proposed thirteenth amendment to the Plan, the Participants propose [sic] to extend the pilot period until April 16, 2018. 15 Currently, the Participants must implement the twelfth amendment to the Plan to no later than the end of the third quarter of 2017. Pursuant to this proposed amendment, the Participants propose to extend the time frame to implement the twelfth amendment to the Plan and the Amendment 13 Changes to no later than November 30, 2017.

E. Analysis of Impact on Competition

The proposed Plan does not impose any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Exchange Act. The Participants do not believe that the proposed Plan introduces terms that are unreasonably discriminatory for the purposes of Section 11A(c)(1)(D) of the Exchange Act.

F. Written Understanding or Agreements Relating to Interpretation of, or Participation in, Plan

The Participants have no written understandings or agreements relating to interpretation of the Plan. Section II(C) of the Plan sets forth how any entity registered as a national securities exchange or national securities association may become a Participant.

Each of the Plan's Participants has executed a written amended Plan.

H. Terms and Conditions of Access

Section II(C) of the Plan provides that any entity registered as a national securities exchange or national securities association under the Exchange Act may become a Participant by: (1) Becoming a participant in the applicable Market Data Plans, as defined in Section I(F) of the Plan; (2) executing a copy of the Plan, as then in effect; (3) providing each then-current Participant with a copy of such executed Plan; and (4) effecting an amendment to the Plan as specified in Section III(B) of the Plan.

I. Method of Determination and Imposition, and Amount of, Fees and Charges

Not applicable.

J. Method and Frequency of Processor Evaluation

Not applicable.

K. Dispute Resolution

Section III(C) of the Plan provides that each Participant shall designate an individual to represent the Participant as a member of an Operating Committee. No later than the initial date of the Plan, the Operating Committee shall designate one member of the Operating Committee to act as the Chair of the Operating Committee. Any recommendation for an amendment to the Plan from the Operating Committee that receives an affirmative vote of at least two-thirds of the Participants, but is less than unanimous, shall be submitted to the Commission as a request for an amendment to the Plan initiated by the Commission under Rule 608.

On July 19, 2017, the Operating Committee, duly constituted and chaired by Mr. Robert Books of Bats, met and voted unanimously to amend the Plan as set forth herein in accordance with Section III(C) of the Plan. The Plan Advisory Committee was notified in connection with the Fifteenth Amendment and was in favor.

III. Solicitation of Comments

Interested persons are invited to submit written data, views and arguments concerning the foregoing, including whether the amendment is consistent with the Exchange Act and the rules thereunder. Comments may be submitted by any of the following methods:

Electronic Comments

- Use the Commission's Internet comment form (http://www.sec.gov/ rules/sro.shtml); or
- Send an e-mail to rule-comments@ sec.gov. Please include File Number 4-631 on the subject line.

Paper Comments

 Send paper comments in triplicate to Brent J. Fields, Secretary, Securities and Exchange Commission, 100 F Street NE., Washington, DC 20549-1090.

All submissions should refer to File Number 4-631. This file number should be included on the subject line if e-mail is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's Internet Web site (http://www.sec.gov/rules/ sro.shtml). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed plan amendment that are filed with the Commission, and all written communications relating to the amendment between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for Web site viewing and printing in the Commission's Public Reference Room, 100 F Street NE., Washington, DC 20549, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of such filing also will be available for inspection and copying at the Participants' offices. All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number 4-631 and should be submitted on or before October 23, 2017.

By the Commission.

Brent J. Fields,

Secretary.

ATTACHMENT A

Proposed new language is italicized; proposed deletions are in [brackets].

 $^{^{15}}$ See Securities Exchange Act Release No. 80455 (order approving the thirteenth amendment to the Plan), supra note 1.

PLAN TO ADDRESS EXTRAORDINARY MARKET VOLATILITY SUBMITTED TO THE SECURITIES AND EXCHANGE COMMISSION PURSUANT TO RULE 608 OF REGULATION NMS UNDER THE SECURITIES EXCHANGE ACT OF 1934

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Preamble

The Participants submit to the SEC this Plan establishing procedures to address extraordinary volatility in NMS Stocks. The procedures provide for market-wide limit uplimit down requirements that prevent trades in individual NMS Stocks from occurring outside of the specified Price Bands. These limit up-limit down requirements are coupled with Trading Pauses to accommodate more fundamental price moves. The Plan procedures are designed, among other things, to protect investors and promote fair and orderly markets. The Participants developed this Plan pursuant to Rule 608(a)(3) of Regulation NMS under the Exchange Act, which authorizes the Participants to act jointly in preparing, filing, and implementing national market system plans.

I. Definitions

- (A) "Eligible Reported Transactions" shall have the meaning prescribed by the Operating Committee and shall generally mean transactions that are eligible to update the last sale price of an NMS Stock.
- (B) "Exchange Act" means the Securities Exchange Act of 1934, as amended.
- (C) "Limit State" shall have the meaning provided in Section VI of the Plan.
- (D) "Limit State Quotation" shall have the meaning provided in Section VI of the Plan.
- (E) "Lower Price Band" shall have the meaning provided in Section V of the Plan.
- (F) "Market Data Plans" shall mean the effective national market system plans through which the Participants act jointly to disseminate consolidated information in compliance with Rule 603(b) of Regulation NMS under the Exchange Act.
- (G) "National Best Bid" and "National Best Offer" shall have the meaning provided in Rule 600(b)(42) of Regulation NMS under the Exchange Act.

- (H) "NMS Stock" shall have the meaning provided in Rule 600(b)(47) of Regulation NMS under the Exchange Act.
- (I) "Opening Price" shall mean the price of a transaction that opens trading on the Primary Listing Exchange. If the Primary Listing Exchange opens with quotations, the "Opening Price" shall mean the closing price of the NMS Stock on the Primary Listing Exchange on the previous trading day, or if no such closing price exists, the last sale on the Primary Listing Exchange.
- (J) "Operating Committee" shall have the meaning provided in Section III(C) of the Plan.
- (K) "Participant" means a party to the Plan. (L) "Plan" means the plan set forth in this instrument, as amended from time to time in accordance with its provisions.
- (M) "Percentage Parameter" shall mean the percentages for each tier of NMS Stocks set forth in Appendix A of the Plan.
- (N) "Price Bands" shall have the meaning provided in Section V of the Plan.
- (O) "Primary Listing Exchange" shall mean the Participant on which an NMS Stock is listed. If an NMS Stock is listed on more than one Participant, the Participant on which the NMS Stock has been listed the longest shall be the Primary Listing Exchange.
- (P) "Processor" shall mean the single plan processor responsible for the consolidation of information for an NMS Stock pursuant to Rule 603(b) of Regulation NMS under the Exchange Act.
- (Q) "Pro-Forma Reference Price" shall have the meaning provided in Section V(A)(2) of the Plan.
- (R) "Reference Price" shall have the meaning provided in Section V of the Plan.
- (S) "Regular Trading Hours" shall have the meaning provided in Rule 600(b)(64) of Regulation NMS under the Exchange Act. For purposes of the Plan, Regular Trading Hours can end earlier than 4:00 p.m. ET in the case of an early scheduled close.
- (T) "Regulatory Halt" shall have the meaning specified in the Market Data Plans. (U) "Reopening Price" shall mean the price
- (U) "Reopening Price" shall mean the price of a transaction that reopens trading on the Primary Listing Exchange following a Trading Pause or a Regulatory Halt, or, if the Primary Listing Exchange reopens with quotations, the midpoint of those quotations.
- (V) "SEC" shall mean the United States Securities and Exchange Commission.
- (W) "Straddle State" shall have the meaning provided in Section VII(A)(2) of the Plan.(X) "Trading center" shall have the
- meaning provided in Rule 600(b)(78) of Regulation NMS under the Exchange Act. (Y) "Trading Pause" shall have the
- meaning provided in Section VII of the Plan.
- (Z) "Upper Price Band" shall have the meaning provided in Section V of the Plan.

II. Parties

(A) List of Parties

The parties to the Plan are as follows:

- (1) Bats BZX Exchange, Inc. 8050 Marshall Drive Lenexa, Kansas 66214
- (2) Bats BYX Exchange, Inc. 8050 Marshall Drive Lenexa, Kansas 66214

- (3) Bats EDGA Exchange, Inc. 8050 Marshall Drive Lenexa, Kansas 66214
- (4) Bats EDGX Exchange, Inc. 8050 Marshall Drive Lenexa, Kansas 66214
- (5) Chicago Stock Exchange, Inc. 440 South LaSalle Street Chicago, Illinois 60605
- (6) Financial Industry Regulatory Authority, Inc.
- 1735 K Street, NW Washington, DC 20006
- (7) Investors Exchange LLC
 4 World Trade Center, 44th Floor
- New York, New York 10007
 (8) NASDAQ BX, Inc.
 One Liberty Plaza
- One Liberty Plaza New York, New York 10006 (9) NASDAQ PHLX LLC
- 1900 Market Street Philadelphia, Pennsylvania 19103
- (10) The Nasdaq Stock Market LLC 1 Liberty Plaza 165 Broadway New York, NY 10006
- (11) NYSE National, Inc.
- 11 Wall Street New York, NY 10005
- (12) New York Stock Exchange LLC 11 Wall Street
- New York, New York 10005 (13) NYSE [MKT] *American* LLC
- 11 Wall Street New York, New York 10005
- (14) NYSE Arca, Inc. 11 Wall Street New York, New York 10005

(B) Compliance Undertaking

By subscribing to and submitting the Plan for approval by the SEC, each Participant agrees to comply with and to enforce compliance, as required by Rule 608(c) of Regulation NMS under the Exchange Act, by its members with the provisions of the Plan. To this end, each Participant shall adopt a rule requiring compliance by its members with the provisions of the Plan, and each Participant shall take such actions as are necessary and appropriate as a participant of the Market Data Plans to cause and enable the Processor for each NMS Stock to fulfill the functions set forth in this Plan.

(C) New Participants

The Participants agree that any entity registered as a national securities exchange or national securities association under the Exchange Act may become a Participant by: (1) becoming a participant in the applicable Market Data Plans; (2) executing a copy of the Plan, as then in effect; (3) providing each then-current Participant with a copy of such executed Plan; and (4) effecting an amendment to the Plan as specified in Section III (B) of the Plan.

(D) Advisory Committee

- (1) Formation. Notwithstanding other provisions of this Plan, an Advisory Committee to the Plan shall be formed and shall function in accordance with the provisions set forth in this section.
- (2) Composition. Members of the Advisory Committee shall be selected for two-year terms as follows:

- (A) Advisory Committee Selections. By affirmative vote of a majority of the Participants, the Participants shall select at least one representatives from each of the following categories to be members of the Advisory Committee: (1) a broker-dealer with a substantial retail investor customer base; (2) a broker-dealer with a substantial institutional investor customer base; (3) an alternative trading system; (4) a broker-dealer that primarily engages in trading for its own account; and (5) an investor.
- (3) Function. Members of the Advisory Committee shall have the right to submit their views to the Operating Committee on Plan matters, prior to a decision by the Operating Committee on such matters. Such matters shall include, but not be limited to, proposed material amendments to the Plan.
- (4) Meetings and Information. Members of the Advisory Committee shall have the right to attend meetings of the Operating Committee and to receive any information concerning Plan matters; provided, however, that the Operating Committee may meet in executive session if, by affirmative vote of a majority of the Participants, the Operating Committee determines that an item of Plan business requires confidential treatment.

III. Amendments to Plan

(A) General Amendments

Except with respect to the addition of new Participants to the Plan, any proposed change in, addition to, or deletion from the Plan shall be effected by means of a written amendment to the Plan that: (1) sets forth the change, addition, or deletion; (2) is executed on behalf of each Participant; and, (3) is approved by the SEC pursuant to Rule 608 of Regulation NMS under the Exchange Act, or otherwise becomes effective under Rule 608 of Regulation NMS under the Exchange Act.

(B) New Participants

With respect to new Participants, an amendment to the Plan may be effected by the new national securities exchange or national securities association executing a copy of the Plan, as then in effect (with the only changes being the addition of the new Participant's name in Section II(A) of the Plan) and submitting such executed Plan to the SEC for approval. The amendment shall be effective when it is approved by the SEC in accordance with Rule 608 of Regulation NMS under the Exchange Act or otherwise becomes effective pursuant to Rule 608 of Regulation NMS under the Exchange Act.

(C) Operating Committee

(1) Each Participant shall select from its staff one individual to represent the Participant as a member of an Operating Committee, together with a substitute for such individual. The substitute may participate in deliberations of the Operating Committee and shall be considered a voting member thereof only in the absence of the primary representative. Each Participant shall have one vote on all matters considered by the Operating Committee. No later than the initial date of Plan operations, the Operating Committee shall designate one member of the Operating Committee to act as the Chair of the Operating Committee.

(2) The Operating Committee shall monitor the procedures established pursuant to this Plan and advise the Participants with respect to any deficiencies, problems, or recommendations as the Operating Committee may deem appropriate. The Operating Committee shall establish specifications and procedures for the implementation and operation of the Plan that are consistent with the provisions of this Plan and the Appendixes thereto. With respect to matters in this paragraph, Operating Committee decisions shall be approved by a simple majority vote.

(3) Any recommendation for an amendment to the Plan from the Operating Committee that receives an affirmative vote of at least two-thirds of the Participants, but is less than unanimous, shall be submitted to the SEC as a request for an amendment to the Plan initiated by the Commission under Rule 608 of Regulation NMS.

IV. Trading Center Policies and Procedures

All trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to comply with the limit up—limit down requirements specified in Sections VI of the Plan, and to comply with the Trading Pauses specified in Section VII of the Plan.

V. Price Bands

(A) Calculation and Dissemination of Price Bands

(1) The Processor for each NMS stock shall calculate and disseminate to the public a Lower Price Band and an Upper Price Band during Regular Trading Hours for such NMS Stock. The Price Bands shall be based on a Reference Price for each NMS Stock that equals the arithmetic mean price of Eligible Reported Transactions for the NMS stock over the immediately preceding five-minute period (except for periods following openings and reopenings, which are addressed below). If no Eligible Reported Transactions for the NMS Stock have occurred over the immediately preceding five-minute period, the previous Reference Price shall remain in effect. The Price Bands for an NMS Stock shall be calculated by applying the Percentage Parameter for such NMS Stock to the Reference Price, with the Lower Price Band being a Percentage Parameter below the Reference Price, and the Upper Price Band being a Percentage Parameter above the Reference Price. The Price Bands shall be calculated during Regular Trading Hours. Between 9:30 a.m. and 9:45 a.m. ET, and 3:35 p.m. and 4:00 p.m. ET, or in the case of an early scheduled close, during the last 25 minutes of trading before the early scheduled close, the Price Bands shall be calculated by applying double the Percentage Parameters set forth in Appendix A. If the Processor has not yet disseminated Price Bands, but a Reference Price is available, a trading center may calculate and apply Price Bands based on the same Reference Price that the Processor would use for calculating such Price Bands until such trading center receives Price Bands from the Processor. If,

under Section VII(B)(2), the Primary Listing Exchange notifies the Processor that it is unable to reopen an NMS Stock due to a systems or technology issue and it has not declared a Regulatory Halt, the Processor will calculate and disseminate Price Bands by applying triple the Percentage Parameters set forth in Appendix A for the first 30 seconds such Price Bands are disseminated.

(2) The Processor shall calculate a Pro-Forma Reference Price on a continuous basis during Regular Trading Hours, as specified in Section V(A)(1) of the Plan. If a Pro-Forma Reference Price has not moved by 1% or more from the Reference Price currently in effect, no new Price Bands shall be disseminated, and the current Reference Price shall remain the effective Reference Price. When the Pro-Forma Reference Price has moved by 1% or more from the Reference Price currently in effect, the Pro-Forma Reference Price shall become the Reference Price, and the Processor shall disseminate new Price Bands based on the new Reference Price; provided, however, that each new Reference Price shall remain in effect for at least 30 seconds.

(B) Openings

- (1) Except when a Regulatory Halt is in effect at the start of Regular Trading Hours, the first Reference Price for a trading day shall be the Opening Price on the Primary Listing Exchange in an NMS Stock if such Opening Price occurs less than five minutes after the start of Regular Trading Hours. During the period less than five minutes after the Opening Price, a Pro-Forma Reference Price shall be updated on a continuous basis to be the arithmetic mean price of Eligible Reported Transactions for the NMS Stock during the period following the Opening Price (including the Opening Price), and if it differs from the current Reference Price by 1% or more shall become the new Reference Price, except that a new Reference Price shall remain in effect for at least 30 seconds. Subsequent Reference Prices shall be calculated as specified in Section V(A) of the Plan.
- (2) If the Opening Price on the Primary Listing Exchange in an NMS Stock does not occur within five minutes after the start of Regular Trading Hours, the first Reference Price for a trading day shall be the arithmetic mean price of Eligible Reported Transactions for the NMS Stock over the preceding five minute time period, and subsequent Reference Prices shall be calculated as specified in Section V(A) of the Plan.

(C) Reopenings

(1) Following a Trading Pause in an NMS Stock, and if the Primary Listing Exchange has not declared a Regulatory Halt, if the Primary Listing Exchange reopens trading with a transaction or quotation that does not include a zero bid or zero offer, the next Reference Price shall be the Reopening Price on the Primary Listing Exchange. Subsequent Reference Prices shall be determined in the manner prescribed for normal openings, as specified in Section V(B)(1) of the Plan. If the Primary Listing Exchange notifies the Processor that it is unable to reopen an NMS Stock due to a systems or technology issue,

or if the Primary Listing Exchange reopens trading with a quotation that has a zero bid or zero offer, or both, the next Reference Price shall be the last effective Price Band that was in a Limit State before the Trading Pause. Subsequent Reference Prices shall be calculated as specified in Section V(A) of the Plan.

(2) Following a Regulatory Halt, the next Reference Price shall be the Opening or Reopening Price on the Primary Listing Exchange if such Opening or Reopening Price occurs within five minutes after the end of the Regulatory Halt, and subsequent Reference Prices shall be determined in the manner prescribed for normal openings, as specified in Section V(B)(1) of the Plan. If such Opening or Reopening Price has not occurred within five minutes after the end of the Regulatory Halt, the Reference Price shall be equal to the arithmetic mean price of Eligible Reported Transactions for the NMS Stock over the preceding five minute time period, and subsequent Reference Prices shall be calculated as specified in Section V(A) of the Plan.

VI. Limit Up—Limit Down Requirements

- (A) Limitations on Trades and Quotations Outside of Price Bands
- (1) All trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent trades at prices that are below the Lower Price Band or above the Upper Price Band for an NMS Stock. Single-priced opening, reopening, and closing transactions on the Primary Listing Exchange, however, shall be excluded from this limitation. In addition, any transaction that both (i) does not update the last sale price (except if solely because the transaction was reported late or because the transaction was an odd-lot sized transaction), and (ii) is excepted or exempt from Rule 611 under Regulation NMS shall be excluded from this limitation.
- (2) When a National Best Bid is below the Lower Price Band or a National Best Offer is above the Upper Price Band for an NMS Stock, the Processor shall disseminate such National Best Bid or National Best Offer with an appropriate flag identifying it as non-executable. When a National Best Offer is equal to the Lower Price Band or a National Best Bid is equal to the Upper Price Band for an NMS Stock, the Processor shall distribute such National Best Bid or National Best Offer with an appropriate flag identifying it as a "Limit State Quotation".
- (3) All trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent the display of offers below the Lower Price Band and bids above the Upper Price Band for an NMS Stock. The Processor shall disseminate an offer below the Lower Price Band or bid above the Upper Price Band that may be submitted despite such reasonable policies and procedures, but with an appropriate flag identifying it as non-executable; provided,

however, that any such bid or offer shall not be included in National Best Bid or National Best Offer calculations.

- (B) Entering and Exiting a Limit State
- (1) All trading for an NMS Stock shall immediately enter a Limit State if the National Best Offer equals the Lower Price Band and does not cross the National Best Bid, or the National Best Bid equals the Upper Price Band and does not cross the National Best Offer.
- (2) When trading for an NMS Stock enters a Limit State, the Processor shall disseminate this information by identifying the relevant quotation (*i.e.*, a National Best Offer that equals the Lower Price Band or a National Best Bid that equals the Upper Price Band) as a Limit State Quotation. At this point, the Processor shall cease calculating and disseminating updated Reference Prices and Price Bands for the NMS Stock until either trading exits the Limit State or trading resumes with an opening or re-opening as provided in Section V.
- (3) Trading for an NMS Stock shall exit a Limit State if, within 15 seconds of entering the Limit State, the entire size of all Limit State Quotations are executed or cancelled.
- (4) If trading for an NMS Stock exits a Limit State within 15 seconds of entry, the Processor shall immediately calculate and disseminate updated Price Bands based on a Reference Price that equals the arithmetic mean price of Eligible Reported Transactions for the NMS Stock over the immediately preceding five-minute period (including the period of the Limit State).
- (5) If trading for an NMS Stock does not exit a Limit State within 15 seconds of entry, the Limit State will terminate when the Primary Listing Exchange declares a Trading Pause pursuant to Section VII of the Plan or at the end of Regular Trading Hours.

VII. Trading Pauses

- (A) Declaration of Trading Pauses
- (1) If trading for an NMS Stock does not exit a Limit State within 15 seconds of entry during Regular Trading Hours, then the Primary Listing Exchange shall declare a Trading Pause for such NMS Stock and shall notify the Processor.
- (2) The Primary Listing Exchange may also declare a Trading Pause for an NMS Stock when an NMS Stock is in a Straddle State, which is when National Best Bid (Offer) is below (above) the Lower (Upper) Price Band and the NMS Stock is not in a Limit State, and trading in that NMS Stock deviates from normal trading characteristics such that declaring a Trading Pause would support the Plan's goal to address extraordinary market volatility. The Primary Listing Exchange shall develop policies and procedures for determining when it would declare a Trading Pause in such circumstances. If a Trading Pause is declared for an NMS Stock under this provision, the Primary Listing Exchange shall notify the Processor.
- (3) The Processor shall disseminate Trading Pause information to the public. No trades in an NMS Stock shall occur during a Trading Pause, but all bids and offers may be displayed.

- (B) Reopening of Trading During Regular Trading Hours
- (1) Five minutes after declaring a Trading Pause for an NMS Stock, and if the Primary Listing Exchange has not declared a Regulatory Halt, the Primary Listing Exchange shall attempt to reopen trading using its established reopening procedures. The Processor will publish the following information that the Primary Listing Exchange provides to the Processor in connection with such reopening: auction reference price; auction collars; and number of extensions to the reopening auction. The Trading Pause shall end when the Primary Listing Exchange reports a Reopening Price.
- (2) The Primary Listing Exchange shall notify the Processor if it is unable to reopen trading in an NMS Stock due to a systems or technology issue and if it has not declared a Regulatory Halt. The Processor shall disseminate this information to the public.
- (3) Trading centers may not resume trading in an NMS Stock following a Trading Pause without Price Bands in such NMS Stock.
- (4) The Processor shall update the Price Bands as set forth in Section V(C)(1)–(2) of the Plan after receiving notification from the Primary Listing Exchange of a Reopening Price following a Trading Pause (or a resume message in the case of a reopening quote that has a zero bid or zero offer, or both) or that it is unable to reopen trading following a Trading Pause due to a systems or technology issue, provided that if the Primary Listing Exchange is unable to reopen due to a systems or technology issue, the update to the Price Bands will be no earlier than ten minutes after the beginning of the Trading Pause.
- (C) Trading Pauses Within Ten Minutes of the End of Regular Trading Hours
- (1) If an NMS Stock is in a Trading Pause during the last ten minutes of trading before the end of Regular Trading Hours, the Primary Listing Exchange shall not reopen trading and shall attempt to execute a closing transaction using its established closing procedures. All trading centers may begin trading the NMS Stock when the Primary Listing Exchange executes a closing transaction.
- (2) If the Primary Listing Exchange does not execute a closing transaction within five minutes after the end of Regular Trading Hours, all trading centers may begin trading the NMS Stock.

VIII. Implementation

The initial date of Plan operations shall be April 8, 2013.

The Plan shall be implemented on a pilot basis set to end on April 16, 2018.

IX. Withdrawal from Plan

If a Participant obtains SEC approval to withdraw from the Plan, such Participant may withdraw from the Plan at any time on not less than 30 days' prior written notice to each of the other Participants. At such time, the withdrawing Participant shall have no further rights or obligations under the Plan.

X. Counterparts and Signatures

The Plan may be executed in any number of counterparts, no one of which need

contain all signatures of all Participants, and as many of such counterparts as shall together contain all such signatures shall constitute one and the same instrument.

IN WITNESS THEREOF, this Plan has been executed as of the day of August 2017 [February 2017] by each of the parties hereto. BATS BZX EXCHANGE, INC. BY. BATS EDGA EXCHANGE, INC. CHICAGO STOCK EXCHANGE, INC. INVESTORS EXCHANGE LLC BY: NASDAQ PHLX LLC NYSE NATIONAL, INC. BY: NYSE [MKT] American LLC BATS BYX EXCHANGE, INC. BY. BATS EDGX EXCHANGE, INC. FINANCIAL INDUSTRY REGULATORY AUTHORITY, INC. BY: NASDAQ BX, Inc. THE NASDAQ STOCK MARKET LLC BY: NEW YORK STOCK EXCHANGE LLC BY:

Appendix A—Percentage Parameters I. Tier 1 NMS Stocks

NYSE ARCA, INC.

(1) Tier 1 NMS Stocks shall include all NMS Stocks included in the S&P 500 Index,

the Russell 1000 Index, and the exchangetraded products ("ETP") identified as Schedule 1 to this Appendix. Schedule 1 to the Appendix will be reviewed and updated semi-annually based on the fiscal year by the Primary Listing Exchange to add ETPs that meet the criteria, or delete ETPs that are no longer eligible. To determine eligibility for an ETP to be included as a Tier 1 NMS Stock, all ETPs across multiple asset classes and issuers, including domestic equity, international equity, fixed income, currency, and commodities and futures will be identified. Leveraged ETPs will be excluded and the list will be sorted by notional consolidated average daily volume ("CADV"). The period used to measure CADV will be from the first day of the previous fiscal half year up until one week before the beginning of the next fiscal half year. Daily volumes will be multiplied by closing prices and then averaged over the period. ETPs, including inverse ETPs, that trade over \$2,000,000 CADV will be eligible to be included as a Tier 1 NMS Stock. The semi-annual updates to Schedule 1 do not require an amendment to the Plan. The Primary Listing Exchanges will maintain the updated Schedule 1 on their respective websites.

- (2) The Percentage Parameters for Tier 1 NMS Stocks with a Reference Price more than \$3.00 shall be 5%.
- (3) The Percentage Parameters for Tier 1 NMS Stocks with a Reference Price equal to \$0.75 and up to and including \$3.00 shall be 20%.
- (4) The Percentage Parameters for Tier 1 NMS Stocks with a Reference Price less than \$0.75 shall be the lesser of (a) \$0.15 or (b) 75%.
- (5) The Reference Price used for determining which Percentage Parameter shall be applicable during a trading day shall be based on the closing price of the NMS

Stock on the Primary Listing Exchange on the previous trading day, or if no closing price exists, the last sale on the Primary Listing Exchange reported by the Processor.

II. Tier 2 NMS Stocks

- (1) Tier 2 NMS Stocks shall include all NMS Stocks other than those in Tier 1, provided, however, that all rights and warrants are excluded from the Plan.
- (2) The Percentage Parameters for Tier 2 NMS Stocks with a Reference Price more than \$3.00 shall be 10%.
- (3) The Percentage Parameters for Tier 2 NMS Stocks with a Reference Price equal to \$0.75 and up to and including \$3.00 shall be 20%.
- (4) The Percentage Parameters for Tier 2 NMS Stocks with a Reference Price less than \$0.75 shall be the lesser of (a) \$0.15 or (b) 75%.
- (5) Notwithstanding the foregoing, the Percentage Parameters for a Tier 2 NMS Stock that is a leveraged ETP shall be the applicable Percentage Parameter set forth in clauses (2), (3), or (4) above, multiplied by the leverage ratio of such product.
- (6) The Reference Price used for determining which Percentage Parameter shall be applicable during a trading day shall be based on the closing price of the NMS Stock on the Primary Listing Exchange on the previous trading day, or if no closing price exists, the last sale on the Primary Listing Exchange reported by the Processor.

Appendix A—Schedule 1 (as of January 3, 2017)

	FTD	
Ticker	ETP name	Exchange
SPY	SPDR S&P 500 ETF Trust	NYSE Arca
IWM	iShares Russell 2000 ETF	NYSE Arca
QQQ	Powershares QQQ Trust Series 1	NASDAQ
EEM	iShares MSCI Emerging Markets ETF	
GDX	VanEck Vectors Gold Miners ETF	
XLF	Financial Select Sector SPDR Fund	
GLD	SPDR Gold Shares	
TLT	iShares 20+ Year Treasury Bond ETF	
VXX	iPATH S&P 500 VIX Shorf-Term Futures ETN	NYSE Arca
EFA	iShares MSCI EAFE ETF	NYSE Arca
XLE	Energy Select Sector SPDR Fund	
HYG	iShares iBoxx \$ High Yield Corporate Bond ETF	NYSE Arca
XIV	VelocityShares Daily Inverse VIX Short Term ETN	NASDAQ
IVV	iShares Core S&P 500 ETF	NYSE Arca
XLU	Utilities Select Sector SPDR Fund	NYSE Arca
GDXJ	VanEck Vectors Junior Gold Miners ETF	
XLP	Consumer Staples Select Sector SPDR Fund	NYSE Arca
FXI	iShares China Large-Cap ETF	NYSE Arca
EWZ	Shares MSCI Brazil Capped ETF	NYSE Arca
XLV	Health Care Select Sector SPDR Fund	NYSE Arca
IYR	iShares U.S. Real Estate ETF	NYSE Arca
LQD	Shares iBoxx \$ Investment Grade Corporate Bond ETF	
XLI	Industrial Select Sector SPDR Fund	NYSE Arca
DIA	SPDR Dow Jones Industrial Average ETF Trust	NYSE Arca
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	
VWO	Vanguard FTSE Emerging Markets ETF	NYSE Arca
IBB	iShares Nasdaq Biotechnology ETF	NASDAQ
XLK	Technology Select Sector SPDR Fund	
XLY	Consumer Discretionary Select Sector SPDR Fund	NYSE Arca

Ticker	ETP name	Exchange
/00		NYSE Arca
JSO		
NK		
BI		NYSE Arca
DY		
NQ WJ	Vanguard REIT ETFiShares MSCI Japan ETF	
VXY	ProShares Short VIX Short-Term Futures ETF	
GG	iShares Core U.S. Aggregate Bond ETF	
MG	iShares Core MSCI Emerging Markets ETF	
RE	SPDR S&P Regional Banking ETF	NYSE Arca
MB	iShares JP Morgan USD Emerging Markets Bond ETF	NYSE Arca
VD	iShares Russell 1000 Value ETF	NYSE Arca
EA	Vanguard FTSE Developed Markets ETF	
TI	Vanguard Total Stock Market ETF	
XJ	WisdomTree Japan Hedged Equity Fund	
LB	Materials Select Sector SPDR Fund	
ww	iShares MSCI Mexico Capped ETF	
:F	iShares 7–10 Year Treasury Bond ETF	
H	iShares Core S&P Mid-Cap ETF	
RT	SPDR S&P Retail ETF	
LV VF	iShares Silver Trust	
vr GK	Vanguard FTSE Europe ETF	
MH		
VN	iShares Russell 2000 Value ETF	
ND	Vanguard Total Bond Market ETF	
SX	VanEck Vectors Russia ETF	
SMV	iShares MSCI USA Minimum Volatility ETF	
P	iShares TIPS Bond ETF	NYSE Arca
ZU	iShares MSCI Eurozone ETF	
R	iShares Core S&P Small-Cap ETF	
HY		
IH		NYSE Arca
WY		
FF		
ME	SPDR S&P Metals & Mining ETF	NYSE Arca
FA	iShares Core MSCI EAFE ETF	
VB	iShares Russell 1000 ETF	NYSE Arca
BE	SPDR S&P Bank ETF	
SV	Vanguard Short-Term Bond ETF	
<u>vo</u>	iShares Russell 2000 Growth ETF	
EDJ	WisdomTree Europe Hedged Equity Fund	
WT	iShares MSCI Taiwan ETF	
H	ProShares Short S&P 500	
CWI	iShares MSCI ACWI ETF	
CSH	Vanguard Short-Term Corporate Bond ETF	NASDAQ
PLV	PowerShares S&P 500 Low Volatility Portfolio	NYSE Arca
WG	iShares MSCI Germany ETF	NYSE Arca
TV MLP	Vanguard Value ETF	
BEF	Deutsche X-trackers MSCI EAFE Hedged Equity ETF	NYSE Arca
.U	iShares Gold Trust	NYSE Arca
NG	United States Natural Gas Fund LP	NYSE Arca
VY	iShares Select Dividend ETF	NYSE Arca
KLN	PowerShares Senior Loan Portfolio	
3	Vanguard Small-Cap ETF	NYSE Arca
EU	Vanguard FTSE All-World ex-US ETF	NYSE Arca
E	iShares S&P 500 Value ETF	NYSE Arca
SP	Guggenheim S&P 500 Equal Weight ETF	
HV	iShares Short Treasury Bond ETF	NYSE Arca
XY	ProShares VIX Short-Term Futures ETF	NYSE Arca
HB	SPDR S&P Homebuilders ETF	NYSE Arca
W	iShares S&P 500 Growth ETF	NYSE Arca
CIT	Vanguard Intermediate-Term Corporate Bond ETF	NASDAQ
PI	WisdomTree India Earnings Fund	
FAV	iShares MSCI EAFE Minimum Volatility ETF	NYSE Arca
В	iShares U.S. Home Construction ETF	
DY	SPDR S&P Dividend ETF	NYSE Arca
UB	iShares National Muni Bond ETF	
ŪG	Vanguard Growth ETF	
YM	Vanguard High Dividend Yield ETF	
IDA	iShares MSCI India ETF	Bats
	Vanguard Intermediate-Term Bond ETF	

Ticker	ETP name	Exchange
FEZ	SPDR EURO STOXX 50 ETF	
\AXJ	Shares MSCI All Country Asia ex_Japan ETF	NASDAQ
'IG	Vanguard Dividend Appreciation ETF	
1CHI	iShares MSCI China ETF	
MJ	JPMorgan Alerian MLP Index ETN	
WH	iShares MSCI Hong Kong ETF	
WU	iShares MSCI United Kingdom ETF	
OXX XE	iShares PHLX Semiconductor ETF	
	CurrencyShares Euro Trust	
MBB	iShares MBS ETF	
;iU	iShares Intermediate Credit Bond ETF	
O	Vanguard Mid-Cap ETF	
WC	iShares MSCI Canada ETFiShares 3–7 Year Treasury Bond ETF	NYSE Arca NYSE Arca
SJ	iShares 1–3 Year Credit Bond ETF	
EF	iShares S&P 100 ETF	
F	iShares Latin America 40 ETF	
-F /E	iShares U.S. Energy ETF	
GT	Vanguard Information Technology ETF	
LRE	Real Estate Select Sector SPDR Fund	NYSE Arca
/T CY	iShares Transportation Average ETF	
VS	iShares Russell Mid-Cap Value ETF	
EMV	iShares MSCI Emerging Markets Minimum Volatility ETF/Dup	
YF	Shares US Financials ETF	
'BR	Vanguard Small-Cap Value ETF	
JUP	PowerShares DB US Dollar Index Bullish Fund	
NDX	Vanguard Total International Bond ETF	
JNK	SPDR Bloomberg Barclays Short Term High Yield Bond ETF	NYSE Arca
WA	iShares MSCI Australia ETF	
INT	PIMCO Enhanced Short Maturity Active Exchange-Traded Fund	
DV	iShares High Dividend ETF	
CHF	Schwab International Equity ETF	
IL	SPDR Bloomberg Barclays 1–3 Month T-Bill	
WB	SPDR Bloomberg Barclays Convertible Securities ETF	
DN	First Trust Dow Jones Internet Index Fund	
GX	PowerShares Preferred Portfolio	
/FH	Vanguard Financials ETF	
WR	iShares Russell Mid-Cap ETF	
HEFA	iShares Currency Hedged MSCI EAFE ETF	
/T	Vanguard Total World Stock ETF	
CZ	iShares MSCI EAFE Small-Cap ETF	
/XF	Vanguard Extended Market ETF	
IYS	PIMCO 0–5 Year High Yield Corporate Bond Index Exchange-Traded Fund	
LOT	iShares Floating Rate Bond ETF	
BC	PowerShares DB Commodity Index Tracking Fund	
OF	iShares Cohen & Steers REIT ETF	
TOT	iShares Core S&P Total US Stock Market ETF	NYSE Arca
WM	ProShares Short Russell2000	NYSE Arca
CHB	Schwab US Broad Market ETF	
HT	Vanguard Health Care ETF	
WR	SPDR Dow Jones REIT ETF	
VV	iShares Russell 3000 ETF	
/W	iShares US Technology ETF	
XUS	Vanguard Total International Stock ETF	NASDAQ
WP		
BEU	iShares MSCI Spain Capped ETF	NYSE Arca
ZA	iShares MSCI South Africa ETF	
BJP	Deutsche X-trackers MSCI Japan Hedged Equity ETF	NYSE Arca
CHX J	Schwab US Large-Cap ETF	NYSE Arca
	iShares S&P Mid-Cap 400 Value ETF	
CWX	SPDR Dow Jones International Real Estate ETF	
WX		NYSE Arca
EV	Shares Europe ETF	
BK	Vanguard Mid Cap Value ETE	NYSE Arca
OE	Vanguard Mid-Cap Value ETF	
WP	iShares Russell Mid-Cap Growth ETF	
'SQ	ProShares Short QQQ	
CHD	Schwab US Dividend Equity ETF	
UAL	iShares MSCI USA Quality Factor ETF	
PHD	PowerShares S&P 500 High Dividend Low Volatility Portfolio	
XG	First Trust Consumer Staples AlphaDEX Fund	
BLV	Vanguard Long-Term Bond ETF	
JS	iShares S&P Small-Cap 600 Value ETF	L NIVOE Asset

Ticker	ETP name	Exchange
VPU	Vanguard Utilities ETF	NYSE Arca
VDE	Vanguard Energy ETF	NYSE Arca
EPP FXD	iShares MSCI Pacific ex Japan ETF	NYSE Arca NYSE Arca
IGV	iShares North American Tech-Software ETF	NYSE Arca
NEAR	iShares Short Maturity Bond ETF	
HEWJ	iShares Currency Hedged MSCI Japan ETF	NYSE Arca
EWI	iShares MSCI Italy Capped ETF	
EIDO	iShares MSCI Indonesia ETF	
HYD SCPB	VanEck Vectors High Yield Municipal Index ETF	
SCHH	Schwab U.S. REIT ETF	
EWL	iShares MSCI Switzerland Capped ETF	
IJK	iShares S&P Mid-Cap 400 Growth ETF	
EFV	iShares MSCI EAFE Value ETF	
IJT	iShares S&P Small-Cap 600 Growth ETF	
EMLC	VanEck Vectors J.P. Morgan EM Local Currency Bond ETF	NYSE Arca
SCHA	Schwab US Small-Cap ETF	
HEZU	iShares US Utilities ETFiShares Currency Hedged MSCI Eurozone ETF	
SHM	SPDR Nuveen Barclays Short Term Municipal Bond ETF	
IYH	iShares U.S. Healthcare ETF	NYSE Arca
FV	First Trust Dorsey Wright Focus 5 ETF	
IHI	iShares U.S. Medical Devices ETF	NYSE Arca
ITA	iShares US Aerospace & Defense ETF	
GOVT	Shares Core US Treasury Bond ETF	
GUNR	FlexShares Global Upstream Natural Resources Index Fund	
VV ASHR	Vanguard Large-Cap ETF	NYSE Arca NYSE Arca
IYZ	iShares US Telecommunications ETF	
BWX	SPDR Bloomberg Barclays International Treasury Bond ETF	
TFI	SPDR Nuveen Barclays Municipal Bond ETF	
SCHZ	Schwab U.S. Aggregate Bond ETF	
VCLT	Vanguard Long-Term Corporate Bond ETF	
VNQI	Vanguard Global ex-U.S. Real Estate ETF	
KBWB	PowerShares KBW Bank Portfolio	NASDAQ
IDVIXUS	iShares International Select Dividend ETF	
ACWV	iShares MSCI All Country World Minimum Volatility ETF	
FXY	CurrencyShares Japanese Yen Trust	
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	
VPL	Vanguard FTSE Pacific ETF	
THD	Shares MSCI Thailand Capped ETF	
TOTL	SPDR Doubleline Total Return Tactical ETF	
VDC	Vanguard Consumer Staples ETF	NYSE Arca NYSE Arca
VTIP	Vanguard Short-Term Inflation-Protected Securities ETF	NASDAQ
MTUM	iShares MSCI USA Momentum Factor ETF	NYSE Arca
QTEC	First Trust NASDAQ-100 Technology Index Fund	NASDAQ
EWM	Shares MSCI Malaysia ETF	NYSE Arca
FXN	First Trust Energy AlphaDEX Fund	NYSE Arca
OIL	iPath Goldman Sachs Crude Oil Total Return Index ETN	NYSE Arca
REM	iShares Mortgage Real Estate Capped ETF	NYSE Arca
TBF FCG	ProShares Short 20+ Year Treasury First Trust Natural Gas ETF	NYSE Arca NYSE Arca
FXR	First Trust Industrials/Producer Durables AlphaDEX Fund	NYSE Arca
PIN	PowerShares India Portfolio	NYSE Arca
VIS	Vanguard Industrials ETF	NYSE Arca
TUR	iShares MSCI Turkey ETF	NYSE Arca
VMBS	Vanguard Mortgage-Backed Securities ETF	NASDAQ
FVD	First Trust Value Line Dividend Index Fund	NYSE Arca
FXB	CurrencyShares British Pound Sterling Trust	NYSE Arca
PHB	PowerShares Fundamental High Yield Corporate Bond Portfolio	NYSE Arca
DOG EFG	iShares MSCI EAFE Growth ETF	NYSE Arca NYSE Arca
EWQ	iShares MSCI France ETF	NYSE Arca
IYJ	iShares U.S. Industrials ETF	NYSE Arca
IYG	iShares U.S. Financial Services ETF	NYSE Arca
BOND	PIMCO Total Return Active Exchange-Traded Fund	NYSE Arca
HEWG	iShares Currency Hedged MSCI Germany ETF	NYSE Arca
SHYG	iShares 0–5 Year High Yield Corporate Bond ETF	NYSE Arca
VLUE	iShares MSCI USA Value Factor ETF	NYSE Arca
SCHE ECH	Schwab Emerging Markets Equity ETF	
LO11	Gridios Moor Grillo Suppose E11	TIOL AIGA

Ticker	ETP name	Exchange
FXU	First Trust Utilities AlphaDEX Fund	NYSE Arca
RWO	SPDR Dow Jones Global Real Estate ETF	NYSE Arca
PRF VGLT	Powershares FTSE RAFI US 1000 Portfolio	NYSE Arca NASDAQ
VOT	Vanguard Mid-Cap Growth ETF	NYSE Arca
SCHM	Schwab U.S. Mid-Cap ETF	NYSE Arca
EUFN	Shares MSCI Europe Financials ETF	NASDAQ
EWS	iShares MSCI Singapore ETF	
GVI SCHV	iShares Intermediate Government/Credit Bond ETF	NYSE Arca NYSE Arca
SCHP	Schwab US TIPs ETF	NYSE Arca
DEM	WisdomTree Emerging Markets High Dividend Fund	
IYM	iShares U.S. Basic Materials ETF	NYSE Arca
DBA	PowerShares DB Agriculture Fund	
SCHG	Schwab U.S. Large-Cap Growth ETFiShares International Treasury Bond ETF	NYSE Arca NASDAQ
IGF	iShares Global Infrastructure ETF	NASDAQ
TLH	iShares 10–20 Year Treasury Bond ETF	NYSE Arca
EPHE	iShares MSCI Philippines ETF	NYSE Arca
SCHO	Schwab Short-Term U.S. Treasury ETF	NYSE Arca
EUM	ProShares Short MSCI Emerging Markets	NYSE Arca
PGF	PowerShares Financial Preferred Portfolio	NYSE Arca NYSE Arca
VSS	iShares U.S. Healthcare Providers ETF	NYSE Arca
KIE	SPDR S&P Insurance ETF	NYSE Arca
SPHB	PowerShares S&P 500 High Beta Port ETF	NYSE Arca
SDOG	ALPS Sector Dividend Dogs ETF	NYSE Arca
VAW	Vanguard Materials ETF	NYSE Arca
FPEITR	First Trust Preferred Securities and Income ETF	NYSE Arca NYSE Arca
VCR	Vanguard Consumer Discretionary ETF	NYSE Arca
IGE	iShares North American Natural Resources ETF	NYSE Arca
SIL	Global X Silver Miners ETF	NYSE Arca
EDV	Vanguard Extended Duration Treasury ETF	NYSE Arca
DLN	WisdomTree LargeCap Dividend Fund	NYSE Arca
DON MLPI	WisdomTree MidCap Dividend Fund	NYSE Arca NYSE Arca
CLY	iShares 10+ Year Credit Bond ETF	NYSE Arca
IUSG	iShares Core US Growth ETF	
ITM	VanEck Vectors AMT-Free Intermediate Municipal Index ETF	NYSE Arca
RPG	Guggenheim S&P 500 Pure Growth ETF	
VGIT CRED	Vanguard Intermediate-Term Government Bond ETF	NASDAQ
XES	SPDR S&P Oil & Gas Equipment & Services ETF	
PHYS	Sprott Physical Gold Trust	
TLO	SPDR Bloomberg Barclays Long Term Treasury ETF	NYSE Arca
BBH	VanEck Vectors Biotech ETF	NASDAQ
RYT	Guggenheim S&P 500 Equal Weight Technology ETF	NYSE Arca
FXO CWI	First Trust Financial AlphaDEX Fund	NYSE Arca NYSE Arca
FXH	First Trust Health Care AlphaDEX Fund	NYSE Arca
FDL	First Trust Morningstar Dividend Leaders Index	NYSE Arca
PJP	Powershares Dynamic Pharmaceuticals Portfolio	NYSE Arca
PZA	PowerShares National AMT-Free Municipal Bond Portfolio	NYSE Arca
RPV	Guggenheim S&P 500 Pure Value ETF	NYSE Arca
GSLC SUB	Goldman Sachs ActiveBeta U.S. Large Cap Equity ETF iShares Short-Term National Muni Bond ETF	NYSE Arca NYSE Arca
IXC	iShares Global Energy ETF	NYSE Arca
IAT	iShares US Regional Banks ETF	NYSE Arca
GSY	Guggenheim Enhanced Short Duration ETF	NYSE Arca
ERUS	iShares MSCI Russia Capped ETF	NYSE Arca
IXJ	iShares Global Healthcare ETF	NYSE Arca
DES DJP	WisdomTree SmallCap Dividend FundiPath Bloomberg Commodity Index Total Return ETN	NYSE Arca NYSE Arca
FTSM	First Trust Enhanced Short Maturity ETF	NASDAQ
XPH	SPDR S&P Pharmaceuticals ETF	NYSE Arca
VTEB	Vanguard Tax-Exempt Bond Index ETF	NYSE Arca
VWOB	Vanguard Emerging Markets Government Bond ETF	NASDAQ
IUSV	iShares Core US Value ETF	NYSE Arca
PDP	PowerShares DWA Momentum Portfolio	NASDAQ
MGK HYLS	First Trust Exchange-Traded Fund IV First Trust Tactical High Yield ETF	NYSE Arca NASDAQ
	First Trust Large Cap Core AlphaDEX Fund	NASDAQ
FEX	SPDR Nuveen S&P High Yield Municipal Bond ETF	147 CD7 CQ

Ticker	ETP name	Exchange
DGRO	iShares Core Dividend Growth ETF	NYSE Arca
VGSH	Vanguard Short-Term Government Bond ETF	
RHS LEMB	Guggenheim S&P 500 Equal Weight Consumer Staples ETF	
FBT	First Trust NYSE Arca Biotechnology Index Fund	
IYK	iShares US Consumer Goods ETF	NYSE Arca
FNDX	Schwab Fundamental U.S. Large Company Index	
BNDS	SPDR Bloomberg Barclays Aggregate Bond ETF	
PEY VRP	PowerShares High Yield Equity Dividend Achievers Portfolio	
SPHQ	PowerShares S&P 500 Quality Portfolio	
GNR	SPDR S&P Global Natural Resources ETF	
ANGL	VanEck Vectors Fallen Angel High Yield Bond ETF	NYSE Arca
EMLP	First Trust North American Energy Infrastructure Fund	
VTWO SRLN	Vanguard Russell 2000	
EWD	iShares MSCI Sweden ETF	
RING	iShares MSCI Global Gold Miners ETF	
BAB	PowerShares Build America Bond Portfolio	NYSE Arca
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	NYSE Arca
KWEB	KraneShares CSI China Internet ETF	
XSLV	PowerShares S&P SmallCap Low Volatility Portfolio	
IEUR	iShares Core MSCI Europe ETF	
IFGL	iShares International Developed Real Estate ETF	NASDAQ
ZROZ	PIMCO 25+ Year Zero Coupon U.S. Treasury Index Exchange-Traded Fund	
XSD	SPDR S&P Semiconductor ETF	NYSE Arca
DFE FTSL	WisdomTree Europe SmallCap Dividend Fund	
FXZ	First Trust Materials AlphaDEX Fund	
BLHY	Virtus Newfleet Dynamic Credit ETF	
SCHR	Schwab Intermediate-Term U.S. Treasury ETF	
EPOL	iShares MSCI Poland Capped ETF	
GXC	iShares California Muni Bond ETF	
XAR	SPDR S&P Aerospace & Defense ETF	
IYC	iShares U.S. Consumer Services ETF	
FNDF	Schwab Fundamental International Large Company Index	NYSE Arca
DWX	SPDR S&P International Dividend ETF	
SGOL EWN	ETFS Physical Swiss Gold Shares	
PKW	PowerShares Buyback Achievers Portfolio	
PSLV	Sprott Physical Silver Trust	
IGM	iShares North American Tech ETF	NYSE Arca
FNCL	Fidelity MSCI Financials Index ETF	
PPLT	ETFS Physical Platinum SharesiShares Core 1–5 Year USD Bond ETF	
ISTB DGRW	WisdomTree U.S. Quality Dividend Growth Fund	NYSE Arca NASDAQ
IHE	iShares US Pharmaceuticals ETF	NYSE Arca
SLYV	SPDR S&P 600 Small CapValue ETF	NYSE Arca
HACK	PureFunds ISE Cyber Security ETF	NYSE Arca
FNDA	Schwab Fundamental U.S. Small Company Index	NYSE Arca
CORP BSJI	PIMCO Investment Grade Corporate Bond Index Exchange-Traded Fund	NYSE Arca NYSE Arca
ECON	Columbia Emerging Markets Consumer ETF	NYSE Arca
PSK	SPDR Wells Fargo Preferred Stock ETF	NYSE Arca
GSG	iShares S&P GSCI Commodity Indexed Trust	NYSE Arca
VOOG	Vanguard S&P 500 Growth ETF	NYSE Arca
VXZ ONEQ	iPATH S&P 500 VIX Mid-Term Futures ETN	NYSE Arca NASDAQ
SLYG	SPDR S&P 600 Small Cap Growth ETF	NYSE Arca
STIP	iShares 0–5 Year TIPS Bond ETF	NYSE Arca
PDBC	PowerShares DB Optimum Yield Diversified Commodity Strategy Portfolio	NASDAQ
FXL	First Trust Technology AlphaDEX Fund	NYSE Arca
IXN	iShares Global Tech ETF	NYSE Arca
MOO EPU	VanEck Vectors Agribusiness ETFiShares MSCI All Peru Capped ETF	NYSE Arca NYSE Arca
SNLN	Highland/iBoxx Senior Loan ETF	NASDAQ
DHS	WisdomTree High Dividend Fund	NYSE Arca
AOR	iShares Core Growth Allocation ETF	NYSE Arca
QAI	IndexIQ ETF Trust—IQ Hedge Multi-Strategy Tracker ETF	NYSE Arca
PPH FTEC	VanEck Vectors Pharmaceutical ETF	NASDAQ NYSE Arca
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Ticker	ETP name	Exchange
FHLC	Fidelity MSCI Health Care Index ETF	
FNDE	Schwab Fundamental Emerging Markets Large Company Index ETF	NYSE Arca
LMBS	First Trust Low Duration Opportunities ETF	NASDAQ NYSE Arca
MGV	Vanguard Mega Cap Value ETF	
FRI	First Trust S&P REIT Index Fund	NYSE Arca
JO	iPath Bloomberg Coffee Subindex Total Return ETN	NYSE Arca
PXH	PowerShares FTSE RAFI Emerging Markets Portfolio	NYSE Arca NYSE Arca
AOM	iShares Core Moderate Allocation ETF	NYSE Arca
EWK	iShares MSCI Belgium Capped ETF	NYSE Arca
VIIX	VelocityShares VIX Short Term ETN	NASDAQ
SCJ DVYE	iShares MSCI Japan Small-Cap ETFiShares Emerging Markets Dividend ETF	NYSE Arca NYSE Arca
PXF	PowerShares FTSE RAFI Developed Markets ex-U.S. Portfolio	NYSE Arca
DBB	PowerShares DB Base Metals Fund	NYSE Arca
HYEM	VanEck Vectors Emerging High Yield Bond ETF	NYSE Arca
PPA FTGC	PowerShares Aerospace & Defense Portfolio	
DLS	WisdomTree International SmallCap Dividend Fund	
JHMD	John Hancock Multifactor Developed International ETF	NYSE Arca
SDIV	Global X SuperDividend ETF	
PICK	iShares MSCI Global Metals & Mining Producers ETF	
SPYG	SPDR S&P 500 Growth ETF	
STPZ	PIMCO 1–5 Year U.S. TIPS Index Exchange-Traded Fund	NYSE Arca
SCHC	Schwab International Small-Cap Equity ETF	
IXG	iShares Global Financials ETF	
IAGGIWC	iShares International Aggregate Bond FundiShares Micro-Cap ETF	
DBO	PowerShares DB Oil Fund	
FXC	CurrencyShares Canadian Dollar Trust	
USCI	United States Commodity Index Fund	NYSE Arca
PSCT	PowerShares S&P SmallCap Information Technology Portfolio	
DBP	PowerShares DB Precious Metals Fund	
FENY	Fidelity MSCI Energy Index ETF	NYSE Arca
ELD	WisdomTree Emerging Markets Local Debt Fund	NYSE Arca
REZ EWX	iShares Residential Real Estate Capped ETF	NYSE Arca NYSE Arca
ENZL	iShares MSCI New Zealand Capped ETF	NASDAQ
IDLV	PowerShares S&P International Developed Low Volatility Portfolio	NYSE Arca
BSJJ	Guggenheim BulletShares 2019 High Yield Corporate Bond ETF	NYSE Arca
SILJ VONG	PureFunds ISE Junior Silver Small Cap Miners/Explorers ETF	
JPIN	JPMorgan Diversified Return International Equity ETF	NYSE Arca
WBIY	WBI Power FactorTM High Dividend ETF	NYSE Arca
FTA	First Trust Large Cap Value AlphaDEX Fund	NASDAQ
GWX	SPDR S&P International Small Cap ETF	NYSE Arca
OUSA	O'Shares FTSE US Quality Dividend ETFiShares MSCI Frontier 100 ETF	NYSE Arca NYSE Arca
SJB	ProShares Short High Yield	NYSE Arca
RYH	Guggenheim S&P 500 Equal Weight Healthcare ETF	NYSE Arca
VONV	Vanguard Russell 1000 Value	NASDAQ
PFXFQDF	VanEck Vectors Preferred Securities ex Financials ETF FlexShares Quality Dividend Index Fund	NYSE Arca NYSE Arca
RYF	Guggenheim S&P 500 Equal Weight Financials ETF	NYSE Arca
RYE	Guggenheim S&P 500 Equal Weight Energy ETF	NYSE Arca
PID	PowerShares International Dividend Achievers Portfolio	NASDAQ
FUTY HDGE	Fidelity MSCI Utilities Index ETF	NYSE Arca
MOAT	VanEck Vectors Morningstar Wide Moat ETF	NYSE Arca NYSE Arca
PWV	PowerShares Dynamic Large Cap Value Portfolio	NYSE Arca
BSCI	Guggenheim BulletShares 2018 Corporate Bond ETF	NYSE Arca
DFJ	WisdomTree Japan SmallCap Dividend Fund	NYSE Arca
DGL	FlexShares iBoxx 3-Year Target Duration TIPS Index Fund	NYSE Arca NYSE Arca
DBE	PowerShares DB Gold Fund	NYSE Arca
SMDV	Proshares Trust-Proshares Russell 2000 Dividend Growers ETF	Bats
IFV	First Trust Dorsey Wright International Focus 5 ETF	NASDAQ
MDIV	First Trust Multi-Asset Diversified Income Index Fund	NASDAQ
PRFZ FLRN	PowerShares FTSE RAFI US 1500 Small-Mid Portfolio	NASDAQ NYSE Arca
EFZ	ProShares Short MSCI EAFE	

Ticker	ETP name	Exchange
BSCH	Guggenheim BulletShares 2017 Corporate Bond ETF	
GN	iShares North American Tech-Multimedia Networking ETF	
YX	First Trust Small Cap Core AlphaDEX Fund	
ΥΥ	iShares Dow Jones U.S. ETF	
NM	VanEck Vectors Vietnam ETF	
WM	WisdomTree International Equity Fund	
SCK BND	Guggenheim BulletShares 2020 Corporate Bond ETF	NYSE Arca NYSE Arca
SI	SPDR Bloomberg Barclays Emerging Markets Local Bond ETF	
REL	Fidelity MSCI Real Estate Index ETF	
00	iShares Global 100 ETF	
BWY	PowerShares KBW Premium Yield Equity REIT Portfolio	
HDG	WisdomTree International Hedged Quality Dividend Growth Fund	
TC	First Trust Large Cap Growth AlphaDEX Fund	NASDAQ
PE	SPDR Bloomberg Barclays TIPS ETF	
WL	SPDR S&P World ex-US ETF	
KYY	First Trust ISE Cloud Computing Index Fund	
TN	SPDR S&P Transportation ETF	
LX	VanEck Vectors Steel Index Fund	
EGL	Proshares S&P Midcap 400 Dividend Aristocrats ETF	
NX	First Trust Mid Cap Core AlphaDEX Fund	
GDM	Sprott Gold Miners ETF	
MBS	iShares CMBS ETF	
KB	PowerShares Dynamic Building & Construction Portfolio	
)ABA	First Trust NASDAQ ABA Community Bank Index Fund	
1XI	iShares Global Materials ETF	
DIV DIS	First Trust NASDAQ Technology Dividend Index Fund	
OA	Fidelity MSCI Consumer Discretionary Index ETF	NYSE Arca
PX	First Trust US IPO Index Fund	NVSE Arca
NDC	Schwab Fundamental International Small Cap Company index	
SCJ	Guggenheim BulletShares 2019 Corporate Bond ETF	
IA	iShares Asia 50 ETF	NASDAQ
LTR	ETFS Physical Precious Metal Basket Shares	NYSE Arca
ONE	Vanguard Russell 1000	
STA	Fidelity MSCI Consumer Staples Index ETF	
SCL	Guggenheim BulletShares 2021 Corporate Bond ETF	
DT	First Trust Developed Markets ex-US AlphaDEX Fund	
OMT	iShares Commodities Select Strategy ETF	
PUI	PowerShares DWA Utilities Momentum Portfolio	NASDAQ
'SL	PowerShares DWA Consumer Staples Momentum Portfolio	
/IGC	Vanguard Mega Cap ETF	
KG	iShares Morningstar Mid-Cap ETF	NYSE Arca
SJH	Guggenheim BulletShares 2017 High Yield Corporate Bond ETF	NYSE Arca
IDYG	SPDR S&P 400 Mid CapGrowth ETF	
IRTH	iShares MSCI World ETF	
RDIV	Oppenheimer Ultra Dividend Revenue ETF	
LY	SPDR S&P 600 Small CapETF	NYSE Arca
GG	iPath Bloomberg Sugar Subindex Total Return ETN	NYSE Arca
SJK	Guggenheim BulletShares 2020 High Yield Corporate Bond ETF	
OK	iShares Core Conservative Allocation ETF	
100	Vanguard S&P Small-Cap 600 ETF	
ISJG	Guggenheim BulletShares 2016 High Yield Corporate Bond ETF	NYSE Arca
CEF	PowerShares CEF Income Composite Portfolio	NYSE Arca NYSE Arca
WZ	PowerShares California AMT-Free Municipal Bond Portfolio	
HML	John Hancock Multi-Factor Large Cap ETF	NYSE Arca
LTB	Fidelity Ltd Term Bond ETF	
IDYV	SPDR S&P 400 Mid Cap Value ETF	NYSE Arca
YU	Guggenheim S&P 500 Equal Weight Utilities ETF	
GI	Guggenheim S&P 500 Equal Weight Industrials ETF	NYSE Arca
ALL	ETFS Physical Palladium Shares	
HS	SPDR S&P Health Care Services ETF	NYSE Arca
BND	Fidelity Total Bond ETF	
VYA	iShares Asia/Pacific Dividend ETF	NYSE Arca
ORN	Teucrium Corn Fund	
/OO	Vanguard S&P Mid-Cap 400 ETF	NYSE Arca
IDU	Fidelity MSCI Industrials Index ETF	
KE	iShares Morningstar Large-Cap Growth ETF	NYSE Arca
MHY	iShares Emerging Markets High Yield Bond ETF	
QDF	FlexShares International Quality Dividend Index Fund	
OOV	Vanguard S&P 500 Value ETF	
IEWU	iShares Currency Hedged MSCI United Kingdom ETF	
	First Trust Dorsey Wright Dynamic Focus 5 ETF	

Ticker	ETP name	Exchange
SIVR	ETFS Physical Silver Shares	NYSE Arca
KOL	VanEck Vectors Coal ETF	NYSE Arca
MLPA	Global X MLP ETF	
AGZ	Shares Agency Bond ETF	
EELV	PowerShares S&P Emerging Markets Low Volatility Portfolio	
TAN	Guggenheim Solar ETF	
IUSB	iShares Core Total USD Bond Market ETF	
IVOV	Vanguard S&P Mid-Cap 400 Value ETF	NYSE Arca
GBF	iShares Government/Credit Bond ETF	NYSE Arca
TLTD	FlexShares Morningstar Developed Markets ex-US Factor Tilt Index Fund	NYSE Arca
SLQD	iShares 0–5 Year Investment Grade Corporate Bond ETF	
CSM	ProShares Large Cap Core Plus	Bats
TDTF	FlexShares iBoxx 5-Year Target Duration TIPS Index Fund	NYSE Arca
SOCL	Global X Social Media Index ETF	NASDAQ
SLVP	iShares MSCI Global Silver Miners ETF	NYSE Arca
QQEW	First Trust NASDAQ-100 Equal Weighted Index Fund	NASDAQ
FJP	First Trust Japan AlphaDEX Fund	NASDAQ
FEP	First Trust Europe AlphaDEX Fund	NASDAQ
BNO	United States Brent Oil Fund LP	
AMZA	InfraCap MLP ETF	NYSE Arca
MBG	SPDR Bloomberg Barclays Mortgage Backed Bond ETF	NYSE Arca
IWY	iShares Russell Top 200 Growth ETF	NYSE Arca
FLQE	Franklin LibertyQ Emerging Markets ETF	
GMM	SPDR S&P Emerging Markets ETF	NYSE Arca
BSCM	Guggenheim BulletShares 2022 Corporate Bond ETF	
GREK	Global X MSCI Greece ETF	NYSE Arca
FMAT	Fidelity MSCI Materials Index ETF	NYSE Arca
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	NYSE Arca
GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ETF	NYSE Arca
DBKO	Deutsche X-trackers MSCI South Korea Hedged Equity ETF	
ILTB	iShares Core 10+ Year USD Bond ETF	NYSE Arca
GSIE	Goldman Sachs ActiveBeta International Equity ETF	
LRGF	iShares FactorSelect MSCI USA ETF	
NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	NYSE Arca
AGGP	IQ Enhanced Core Plus Bond U.S. ETF	NYSE Arca
KXI	iShares Global Consumer Staples ETF	
EDIV	SPDR S&P Emerging Markets Dividend ETF	NYSE Arca
IEZ	iShares U.S. Oil Equipment & Services ETF	NYSE Arca
ZIV	VelocityShares Daily Inverse VIX Medium Term ETN	NASDAQ
DTD	WisdomTree Total Dividend Fund	
JJG	iPath Bloomberg Grains Subindex Total Return ETN	NYSE Arca

Appendix B—Data

Unless otherwise specified, the following data shall be collected and transmitted to the SEC in an agreed-upon format on a monthly basis, to be provided 30 calendar days following month end. Unless otherwise specified, the Primary Listing Exchanges shall be responsible for collecting and transmitting the data to the SEC. Data collected in connection with Sections II(E)—(G) below shall be transmitted to the SEC with a request for confidential treatment under the Freedom of Information Act. 5 U.S.C. 552, and the SEC's rules and regulations thereunder.

I. Summary Statistics

A. Frequency with which NMS Stocks enter a Limit State. Such summary data shall be broken down as follows:

- 1. Partition stocks by category
 - a. Tier 1 non-ETP issues > \$3.00
 - b. Tier 1 non-ETP issues >= \$0.75 and <= \$3.00
 - c. Tier 1 non-ETP issues <\$0.75
 - d. Tier 1 non-leveraged ETPs in each of above categories
 - e. Tier 1 leveraged ETPs in each of above categories

- f. Tier 2 non-ETPs in each of above categories
- g. Tier 2 non-leveraged ETPs in each of above categories
- h. Tier 2 leveraged ETPs in each of above categories
- 2. Partition by time of day
- a. Opening (prior to 9:45 am ET)
- b. Regular (between 9:45 am ET and 3:35 pm ET)
- c. Closing (after 3:35 pm ET)
- d. Within five minutes of a Trading Pause re-open or IPO open
- 3. Track reasons for entering a Limit State, such as:
 - a. Liquidity gap—price reverts from a Limit State Quotation and returns to trading within the Price Bands
 - b. Broken trades
 - c. Primary Listing Exchange manually declares a Trading Pause pursuant to Section (VII)(2) of the Plan
 - d. Other
- B. Determine (1), (2) and (3) for when a Trading Pause has been declared for an NMS Stock pursuant to the Plan.
- **II. Raw Data** (all Participants, except A–E, which are for the Primary Listing Exchanges only)

- A. Record of every Straddle State
- Ticker, date, time entered, time exited, flag for ending with Limit State, flag for ending with manual override.
- 2. Pipe delimited with field names as first record.
- B. Record of every Price Band
- 1. Ticker, date, time at beginning of Price Band, Upper Price Band, Lower Price Band
- 2. Pipe delimited with field names as first record
- C. Record of every Limit State
- 1. Ticker, date, time entered, time exited, flag for halt
- 2. Pipe delimited with field names as first record
- D. Record of every Trading Pause or halt
- Ticker, date, time entered, time exited, type of halt (i.e., regulatory halt, nonregulatory halt, Trading Pause pursuant to the Plan, other)
- 2. Pipe delimited with field names as first record
- E. Data set or orders entered into reopening auctions during halts or Trading Pauses
- Arrivals, Changes, Cancels, # shares, limit/ market, side, Limit State side

- 2. Pipe delimited with field name as first record
- F. Data set of order events received during Limit States
- G. Summary data on order flow of arrivals and cancellations for each 15-second period for discrete time periods and sample stocks to be determined by the SEC in subsequent data requests. Must indicate side(s) of Limit State.
 - Market/marketable sell orders arrivals and executions
 - a. Count
 - b. Shares
 - c. Shares executed
- 2. Market/marketable buy orders arrivals and executions
 - a. Count
 - b. Shares
 - c. Shares executed
- Count arriving, volume arriving and shares executing in limit sell orders above NBBO mid-point
- Count arriving, volume arriving and shares executing in limit sell orders at or below NBBO mid-point (non-marketable)
- Count arriving, volume arriving and shares executing in limit buy orders at or above NBBO mid-point (non-marketable)
- Count arriving, volume arriving and shares executing in limit buy orders below NBBO mid-point
- Count and volume arriving of limit sell orders priced at or above NBBO midpoint plus \$0.05
- 8. Count and volume arriving of limit buy orders priced at or below NBBO midpoint minus \$0.05
- 9. Count and volume of (3–8) for cancels
- 10. Include: ticker, date, time at start, time of Limit State, all data item fields in 1, last sale prior to 15-second period (null if no trades today), range during 15-second period, last trade during 15-second period

III. On May 28, 2015, Participants provided to the SEC a supplemental joint assessment relating to the impact of the Plan and calibration of the Percentage Parameters as follows:

- A. Assess the statistical and economic impact on liquidity of approaching Price Bands.
- B. Assess the statistical and economic impact of the Price Bands on erroneous trades.
- C. Assess the statistical and economic impact of the appropriateness of the Percentage Parameters used for the Price Bands.
- D. Assess whether the Limit State is the appropriate length to allow for liquidity replenishment when a Limit State is reached because of a temporary liquidity gap.
- E. Evaluate concerns from the options markets regarding the statistical and economic impact of Limit States on liquidity and market quality in the options markets. (Participants that operate options exchange should also prepare such assessment reports.) F. Assess whether the process for entering a Limit State should be adjusted and whether

Straddle States are problematic.

- G. Assess whether the process for exiting a Limit State should be adjusted.
- H. Assess whether the Trading Pauses are too long or short and whether the reopening procedures should be adjusted.

[FR Doc. 2017–20974 Filed 9–29–17; 8:45 am]

BILLING CODE 8011-01-P

DEPARTMENT OF STATE

[Public Notice: 10148]

Notice of Determinations; Culturally Significant Objects Imported for Exhibition Determinations: "David Hockney" Exhibition

SUMMARY: Notice is hereby given of the following determinations: I hereby determine that certain objects to be included in the exhibition "David Hockney," imported from abroad for temporary exhibition within the United States, are of cultural significance. The objects are imported pursuant to an agreement with the foreign owner or custodian. I also determine that the exhibition or display of the exhibit objects at The Metropolitan Museum of Art, New York, New York, from on or about November 21, 2017, until on or about February 25, 2018, and at possible additional exhibitions or venues vet to be determined, is in the national

FOR FURTHER INFORMATION CONTACT: For further information, including a list of the imported objects, contact Elliot Chiu in the Office of the Legal Adviser, U.S. Department of State (telephone: 202–632–6471; email: section2459@ state.gov). The mailing address is U.S. Department of State, L/PD, SA–5, Suite 5H03, Washington, DC 20522–0505.

SUPPLEMENTARY INFORMATION: The foregoing determinations were made pursuant to the authority vested in me by the Act of October 19, 1965 (79 Stat. 985; 22 U.S.C. 2459), E.O. 12047 of March 27, 1978, the Foreign Affairs Reform and Restructuring Act of 1998 (112 Stat. 2681, et seq.; 22 U.S.C. 6501 note, et seq.), Delegation of Authority No. 234 of October 1, 1999, Delegation of Authority No. 236-3 of August 28, 2000 (and, as appropriate, Delegation of Authority No. 257-1 of December 11, 2015). I have ordered that Public Notice of these determinations be published in the Federal Register.

Alyson Grunder,

Deputy Assistant Secretary for Policy, Bureau of Educational and Cultural Affairs, Department of State.

[FR Doc. 2017–20960 Filed 9–29–17; $8{:}45~\mathrm{am}]$

BILLING CODE 4710-05-P

DEPARTMENT OF STATE

[Public Notice: 10149]

Notice of Determinations; Culturally Significant Objects Imported for Exhibition Determinations: "Terracotta Army: Legacy of the First Emperor of China" Exhibition

SUMMARY: Notice is hereby given of the following determinations: I hereby determine that certain objects to be included in the exhibition "Terracotta Army: Legacy of the First Emperor of China," imported from abroad for temporary exhibition within the United States, are of cultural significance. The objects are imported pursuant to a loan agreement with the foreign owners or custodians. I also determine that the exhibition or display of the exhibit objects at the Virginia Museum of Fine Arts, Richmond, Virginia, from on or about November 14, 2017, until on or about March 11, 2018, at the Cincinnati Art Museum, Cincinnati, Ohio, from on or about April 18, 2018, until on or about August 12, 2018, and at possible additional exhibitions or venues yet to be determined, is in the national interest.

FOR FURTHER INFORMATION CONTACT: For further information, including a list of the imported objects, contact Elliot Chiu in the Office of the Legal Adviser, U.S. Department of State (telephone: 202–632–6471; email: section2459@ state.gov). The mailing address is U.S. Department of State, L/PD, SA–5, Suite 5H03. Washington, DC 20522–0505.

SUPPLEMENTARY INFORMATION: The foregoing determinations were made pursuant to the authority vested in me by the Act of October 19, 1965 (79 Stat. 985; 22 U.S.C. 2459), E.O. 12047 of March 27, 1978, the Foreign Affairs Reform and Restructuring Act of 1998 (112 Stat. 2681, et seq.; 22 U.S.C. 6501 note, et seq.), Delegation of Authority No. 234 of October 1, 1999, Delegation of Authority No. 236-3 of August 28, 2000 (and, as appropriate, Delegation of Authority No. 257-1 of December 11, 2015). I have ordered that Public Notice of these determinations be published in the Federal Register.

Alyson Grunder,

Deputy Assistant Secretary for Policy, Bureau of Educational and Cultural Affairs, Department of State.

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