

Additions: Underlined
Deletions: [Bracketed]

Rules of NYSE Arca, Inc.

Rule 7 EQUITIES TRADING

Section 5. Plan to Implement a Tick Size Pilot Program

Rule 7.46. Tick Size Pilot Plan

The provisions of this Rule will be in effect during a pilot to coincide with the pilot period for the Regulation NMS Tick Size Pilot Plan.

(a) Tick Size Pilot Program

(1) Definitions.

(A) “Plan” means the Tick Size Pilot Plan Submitted to the Securities and Exchange Commission Pursuant to Rule 608(a)(3) of Regulation NMS under the Exchange Act.

(B) “Pilot Test Groups” means the three test groups established under the Plan, consisting of 400 Pilot Securities each, which satisfy the respective criteria established by the Plan for each such test group.

(C) “Retail Investor Order” means an agency order or a riskless principal order that meets the criteria of FINRA Rule 5320.03 that originates from a natural person and is submitted to the Corporation by a retail ETP Holder, provided that no change is made to the terms of the order with respect to price or side of market and the order does not originate from a trading algorithm or any other computerized methodology. A Retail Investor Order may be an odd lot, round lot, or partial round lot.

(D) “Trade-at Intermarket Sweep Order” means a limit order for a Pilot Security that meets the following requirements:

(i) When routed to a Trading Center, the limit order is identified as a Trade-at Intermarket Sweep Order; and

(ii) Simultaneously with the routing of the limit order identified as a Trade-at Intermarket Sweep Order, one or more additional limit orders, as necessary, are routed to execute against the full size of any protected bid, in the case of a limit order to sell, or the full displayed size of any protected offer, in the case of a limit order to buy, for the Pilot Security with a price that is better than or equal to the limit price of the limit order identified as a Trade-at Intermarket Sweep Order. These additional routed orders also must be marked as Trade-at Intermarket Sweep Orders.

(E) All capitalized terms not otherwise defined in this Rule shall have the meanings set forth in the Plan, Regulation NMS under the Exchange Act, or Corporation rules, as applicable.

- (2) Corporation Participation in the Plan. The Corporation is a Participant in, and subject to the applicable requirements of, the Plan, which establishes a Tick Size Pilot Program that will allow the Securities and Exchange Commission, market participants, and the public to study and assess the impact of increment conventions on the liquidity and trading of the common stocks of small capitalization companies.
- (3) ETP Holder Compliance. ETP Holders shall establish, maintain and enforce written policies and procedures that are reasonably designed to comply with the applicable requirements of the Plan.
- (4) Corporation Compliance with the Plan. Corporation systems will not display, quote or trade in violation of the applicable quoting and trading requirements for a Pilot Security specified in the Plan and this Rule, unless such quotation or transaction is specifically exempted under the Plan.
- (5) Pilot Securities That Drop Below \$1.00 during the Pilot Period. If the price of a Pilot Security drops below \$1.00 during regular trading on any given business day, such Pilot Security will continue to be subject to the Plan and the requirements enumerated in (c)-(e) below and will continue to trade in accordance with such Rules as if the price of the Pilot Security had not dropped below \$1.00. However, if the Closing Price of a Pilot Security on any given business day is below \$1.00, such Pilot Security will be moved out of its respective Pilot Test Group into the Control Group, and may then be quoted and traded at any price increment that is currently permitted by Corporation rules for the remainder of the Pilot Period. Notwithstanding anything contained herein to the contrary, at all times during the Pilot Period, Pilot Securities (whether in the Control Group or any Pilot Test Group) will continue to be subject to the requirements contained in Paragraph (b).

(c) Pilot Securities in Test Group One will be subject to the following requirement: No ETP Holder may display, rank, or accept from any person any displayable or non-displayable bids or offers, orders, or indications of interest in increments other than \$0.05. However, orders priced to trade at the midpoint of the national best bid and national best offer (“NBBO”) or best protected bid and best protected offer (“PBBO”) and orders entered in the Corporation’s Retail Liquidity Program as Retail Price Improvement Orders (as defined in Rule 7.44) may be ranked and accepted in increments of less than \$0.05. Pilot Securities in Test Group One may continue to trade at any price increment that is currently permitted by Rule 7.6.

(d) Pilot Securities in Test Group Two shall be subject to the following requirements:

(1) No ETP Holder may display, rank, or accept from any person any displayable or non-displayable bids or offers, orders, or indications of interest in increments other than \$0.05. However, orders priced to trade at the midpoint of the NBBO or PBBO and orders entered in the Corporation’s Retail Liquidity Program as Retail Price Improvement Orders (as defined in Rule 7.44) may be ranked and accepted in increments of less than \$0.05.

(2) Absent any of the exceptions listed in (3) below, no ETP Holder may execute orders in any Pilot Security in Test Group Two in price increments other than \$0.05. The \$0.05 trading increment will apply to all trades, including Brokered Cross Trades.

(3) Pilot Securities in Test Group Two may trade in increments less than \$0.05 under the following circumstances:

(A) Trading may occur at the midpoint between the NBBO or the PBBO;

(B) Retail Investor Orders may be provided with price improvement that is at least \$0.005 better than the PBBO;

(C) Negotiated Trades may trade in increments less than \$0.05; and

(D) Execution of a customer order to comply with Rule 5320 following the execution of a proprietary trade by the ETP Holder at an increment other than \$0.05, where such proprietary trade was permissible pursuant to an exception under the Plan.

(e) Pilot Securities in Test Group Three shall be subject to the following requirements:

(1) No ETP Holder may display, rank, or accept from any person any displayable or non-displayable bids or offers, orders, or indications of interest in increments other than \$0.05. However, orders priced to trade at the midpoint of the NBBO or PBBO and orders entered in the Corporation’s Retail Liquidity Program as Retail

- Price Improvement Orders (as defined in Rule 7.44) may be ranked and accepted in increments of less than \$0.05.
- (2) Absent any of the exceptions listed in (3) below, no ETP Holder may execute orders in any Pilot Security in Test Group Three in price increments other than \$0.05. The \$0.05 trading increment will apply to all trades, including Brokered Cross Trades.
- (3) Pilot Securities in Test Group Three may trade in increments less than \$0.05 under the following circumstances:
- (A) Trading may occur at the midpoint between the NBBO or PBBO;
- (B) Retail Investor Orders may be provided with price improvement that is at least \$0.005 better than the Best Protected Bid or the Best Protected Offer;
- (C) Negotiated Trades may trade in increments less than \$0.05; and
- (D) Execution of a customer order to comply with Rule 5320 following the execution of a proprietary trade by the ETP Holder at an increment other than \$0.05, where such proprietary trade was permissible pursuant to an exception under the Plan.
- (4) Pilot Securities in Test Group Three will be subject to the following Trade-at Prohibition:
- (A) “Trade-at Prohibition” means the prohibition against executions by a Trading Center of a sell order for a Pilot Security at the price of a Protected Bid or the execution of a buy order for a Pilot Security at the price of a Protected Offer during regular trading hours.
- (B) Absent any of the exceptions listed in (C) below, no ETP Holder may execute a sell order for a Pilot Security in Test Group Three at the price of a Protected Bid or execute a buy order for a Pilot Security in Test Group Three at the price of a Protected Offer.
- (C) ETP Holders may execute a sell order for a Pilot Security in Test Group Three at the price of a Protected Bid or execute a buy order for a Pilot Security in Test Group Three at the price of a Protected Offer if any of the following circumstances exist:
- (i) The order is executed as agent or riskless principal by an independent trading unit, as defined under Rule 200(f) of Regulation SHO, of a Trading Center within an ETP Holder that has a displayed quotation as agent or riskless principal, via either a processor or an SRO Quotation Feed, at a price equal to the traded-

at Protected Quotation, that was displayed before the order was received, but only up to the full displayed size of that independent trading unit's previously displayed quote;

- (ii) The order is executed by an independent trading unit, as defined under Rule 200(f) of Regulation SHO, of a Trading Center within an ETP Holder that has a displayed quotation for the account of that Trading Center on a principal (excluding riskless principal) basis, via either a processor or an SRO Quotation Feed, at a price equal to the traded-at Protected Quotation, that was displayed before the order was received, but only up to the full displayed size of that independent trading unit's previously displayed quote;
- (iii) The order is of Block Size at the time of origin and may not be:
 - A. an aggregation of non-block orders;
 - B. broken into orders smaller than Block Size prior to submitting the order to a Trading Center for execution; or
 - C. executed on multiple Trading Centers;
- (iv) The order is a Retail Investor Order executed with at least \$0.005 price improvement;
- (v) The order is executed when the Trading Center displaying the Protected Quotation that was traded at was experiencing a failure, material delay, or malfunction of its systems or equipment;
- (vi) The order is executed as part of a transaction that was not a "regular way" contract;
- (vii) The order is executed as part of a single-priced opening, reopening, or closing transaction on the Corporation;
- (viii) The order is executed when a Protected Bid was priced higher than a Protected Offer in the Pilot Security;
- (ix) The order is identified as a Trade-at Intermarket Sweep Order;
- (x) The order is executed by a Trading Center that simultaneously routed Trade-at Intermarket Sweep Orders to execute against the full displayed size of the Protected Quotation that was traded at;
- (xi) The order is executed as part of a Negotiated Trade;

- (xii) The order is executed when the Trading Center displaying the Protected Quotation that was traded at had displayed, within one second prior to execution of the transaction that constituted the Trade-at, a Best Protected Bid or Best Protected Offer, as applicable, for the Pilot Security with a price that was inferior to the price of the Trade-at transaction;
- (xiii) The order is executed by a Trading Center which, at the time of order receipt, the Trading Center had guaranteed an execution at no worse than a specified price (a "stopped order"), where:
 - A. The stopped order was for the account of a customer;
 - B. The customer agreed to the specified price on an order-by-order basis; and
 - C. The price of the Trade-at transaction was, for a stopped buy order, equal to or less than the National Best Bid in the Pilot Security at the time of execution or, for a stopped sell order, equal to or greater than the National Best Offer in the Pilot Security at the time of execution, as long as such order is priced at an acceptable increment;
- (xiv) The order is for a fractional share of a Pilot Security, provided that such fractional share order was not the result of breaking an order for one or more whole shares of a Pilot Security into orders for fractional shares or was not otherwise effected to evade the requirements of the Trade-at Prohibition or any other provisions of the Plan; or
- (xv) The order is to correct a bona fide error, which is recorded by the Trading Center in its error account. A bond fide error is defined as:
 - A. The inaccurate conveyance or execution of any term of an order including, but not limited to, price, number of shares or other unit of trading; identification of the security; identification of the account for which securities are purchased or sold; lost or otherwise misplaced order tickets; short sales that were instead sold long or vice versa; or the execution of an order on the wrong side of a market;
 - B. The unauthorized or unintended purchase, sale, or allocation of securities, or the failure to follow specific client instructions;

- C. The incorrect entry of data into relevant systems, including reliance on incorrect cash positions, withdrawals, or securities positions reflected in an account; or
- D. A delay, outage, or failure of a communication system used to transmit market data prices or to facilitate the delivery or execution of an order.

(D) No ETP Holder shall break an order into smaller orders or otherwise effect or execute an order to evade the requirements of the Trade-at Prohibition of this Rule or any other provisions of the Plan.