

## Item 11: Trading Services, Facilities and Rules

a. Provide a summary of the structure of the NMS Stock ATS marketplace (e.g., crossing system, auction market, limit order matching book) and explain the means and facilities for bringing together the orders of multiple buyers and sellers on the NMS Stock ATS.

Citi-ONE is an NMS Stock ATS, operated by CGMI within its Equities business, and for which Ocean hosts, operates, and supports the technology platform subject to CGMI's direction and oversight.

Citi-ONE operates two trading sessions - the RTS for FRS Orders and COs, and, for Participants who have opted in (see Part III, Item 17), the MOCS for MOC Orders.

Citi-ONE offers Participants matching services in eligible NMS Stocks. Eligible NMS Stocks are NMS Stocks that are (i) eligible for continuous net settlement at the National Securities Clearing Corporation and (ii) not restricted from trading by CGMI. Orders may be entered directly or indirectly utilizing the FIX 4.2 protocol. The structure of both trading sessions is a limit order matching book, operating according to the matching priorities described in Part III, Item 11.

~~Citi-ONE intends to launch in phases by gradually permitting trading in certain NMS stocks as follows:~~

~~Phase 1 (March 14, 2022) - Citi-ONE trading will be permitted in a single NMS stock (XOM), to confirm the proper clearing and settlement.~~

~~Phase 2 (March 16, 2022) - Citi-ONE trading will be permitted in XOM, ZBH, ZBRA, ZCMD, ZD, ZDGE, ZEAL, ZECF, ZEN, ZENV, ZEPP, ZEST, ZETA, ZEUS, ZEV, ZEV+, ZG, ZGEN, ZGN, ZUMZ.~~

~~Phase 3 (March 17, 2022) - Citi-ONE trading will be permitted in XOM and all NMS stocks starting with the letter Z.~~

~~Phase 4 (March 21, 2022) - Citi-ONE trading will be permitted in all NMS stocks starting with the letters W, X, Y and Z.~~

~~Phase 5 (March 23, 2022) - Citi-ONE trading will be permitted in all eligible NMS stocks.~~

~~Each phase is subject to Citi-ONE system performance and CGMI's determination whether to expand the defined list of eligible NMS stocks.~~

b. Are the means and facilities required to be identified in Item 11(a) the same for all Subscribers and the Broker-Dealer Operator?

Yes No

If no, identify and explain any differences.

c. Explain the established, non-discretionary rules and procedures of the NMS Stock ATS, including order interaction rules for the priority, pricing methodologies, allocation, matching, and execution of orders and trading interest, and other procedures governing trading, such as price improvement functionality, price protection mechanisms, short sales, locked-crossed markets, the handling of execution errors, and the time-stamping of orders and executions.

## ORDER INTERACTION RULES FOR PRIORITY - MATCHING

Firm Regular Session Orders and Conditional Orders can be matched in Citi-ONE's RTS.

FRS Orders are auto-executable orders. FRS Orders are prioritized by Order Class | Price | Broker | Inclusion Level | Time. Prioritization by Order Class means that FRS Orders will seek to interact with FRS Orders before interacting with COs.

COs are messages indicating trading interest and are not subject to auto-execution. COs are prioritized by Order Class | Price | Broker | Time. Prioritization by Order Class means that COs will seek to interact with COs before interacting with Eligible FRS Orders. COs may have associated Firm-up Orders. See Part III, Item 9.

MOC Orders match in Citi-ONE's MOCS. MOC Orders are prioritized by Broker | Size.

## PRIORITIZATION | METHODOLOGY

(a) Order Class - refers to one of the three (3) classes of orders: FRS Orders, COs, and MOC Orders.

(b) Price - FRS Orders and COs (including their associated Firm-up Orders) on the same side of the market, in the same NMS Stock, are prioritized according to the Assigned Limit Prices. Assigned Limit Prices are explained in Part III, Item 7.

(c) Broker - Allows for two contra-side orders that originated from a U.S.-registered broker-dealer (or, at the election of the broker-dealer, from the broker-dealer and its affiliates) to have priority over orders from other Participants that might also match with the orders of such broker-dealer.

(d) Inclusion Level - Only applies to FRS Orders. Citi-ONE permits Participants whose FRS Orders provide liquidity to select an Inclusion Level. Inclusion Level (i) defines the set of orders with which an FRS Order may interact and (ii) is used to prioritize FRS Orders. Inclusion Levels indicate the willingness of the liquidity provider to interact with an identified Taker Level. Inclusion Level 5 results in the most inclusive interaction, allowing interaction with FRS Orders at all Taker Levels; and Inclusion Level 1 results in the most exclusive interaction, permitting interaction only

with Taker Level 1. See Part III, Item 13. With respect to prioritization, if previous priority parameters are equal, FRS Orders with a higher Inclusion Level will receive priority. For example, FRS Orders with Inclusion Level 5 will receive matches before FRS Orders with Inclusion Levels 1 through 4.

(e) Time - Applies to FRS Orders and COs. If all previous matching priority parameters are equal, the FRS Order or CO, as applicable, that is first to arrive will match with a resting order. The time of receipt by Citi-ONE of an FRS Order is reflected by a timestamp on such FRS Order ("Receipt Time"). Any change to the FRS Order or CO will reset the Receipt Time for such FRS Order or CO, except where such change to the FRS Order or CO is (i) decrease in quantity, (ii) a short sale change (e.g., changing a short sell FRS Order to a long sell FRS Order or changing a long sell FRS Order to a short sell FRS Order), or (iii) a change to the Assigned Limit Price due to a change in the NBBO. Unrelated to the priority analysis but as a matter of terminology, when two orders match on Citi-ONE, the liquidity-providing order is always the first-in-time order and the liquidity-taking order is always the second-in-time order.

(f) Size - Only applies to MOC Order matching. MOC Orders on the same side of the market will be prioritized by size.

#### OTHER PARAMETERS, CONDITIONS, AND ATTRIBUTES FOR CONSIDERATION

The standard prioritization of Orders may be affected if certain parameters are included on Orders:

Minimum Executable Quantity - Participants can specify the minimum executable quantity for execution against any single contra-side order. See Part III, Item 14.

Self-Match Prevention - Participants can utilize this parameter to prevent their own buy and sell orders from matching with one another. See Part III, Item 14.

Do Not Cross Principal - Subscribers can opt out of interacting with the principal orders of CGMI and the principal orders of any CGMI Affiliate. See Part II, Item 3 and Part III, Item 14.

Post Only - Applies to FRS Orders only. The "post only" attribute allows Participants to submit FRS Orders that can only be liquidity-providing orders (first-in-time Order). See Part III, Item 7.

Inclusion Levels - See above as well as Part III, Item 13.

#### PRICE IMPROVEMENT

Either the liquidity provider, the liquidity taker, or both, can receive price improvement. Price improvement is not necessarily split equally between a liquidity provider and a liquidity taker. The execution price for a match will be that price closest to the midpoint of the NBBO that is compatible with both orders (e.g., determined by reference to any limit price that needs to be taken into consideration). If the Assigned Limit Price of one or both matching orders resides at the

midpoint of the NBBO, or if both straddle the midpoint, the execution price will be the midpoint. When the buy and sell order Assigned Limit Prices straddle a five-decimal midpoint price, the matching price will be rounded based on the side of the earlier (resting) order to the nearest four-digit price.

## PRICE PROTECTION MECHANISMS

Participant orders in Citi-ONE are given an Assigned Limit Price (Part III, Item 7). All matches will be at, or within, the NBBO. Citi-ONE ATS will accept orders outside of the LULD bands, however, Citi-ONE will automatically pause matching during LULD Limit States and Straddle States.

Citi-ONE will not match orders when the price of an NMS Stock is outside of a valid NBBO spread width. See also LOCKED OR CROSSED MARKETS, below.

## SHORT SALES AND REGULATION SHO

Citi-ONE permits short sale orders to be entered for the RTS by U.S.-registered broker-dealer Participants in compliance with Regulation SHO. Each short sale order entered on behalf of a broker-dealer Participants must specify that a locate has been obtained in accordance with Regulation SHO Rule 203(b)(1). For non-broker-dealer Participants, the ATS will reject any short sale order that does not identify the broker-dealer that provided the locate. For short sale orders subject to Rule 201 under Regulation SHO that are not permissibly priced for matching (i.e., not priced above the Constructed NBB or SIP NBB, as applicable), the Assigned Limit Price will be the lowest permissible price in compliance with Rule 201, including any permissible sub-penny increments. Such orders are executed at the Assigned Limit Price if there is an available contra-side order or, if not, they are held for matching at the new Assigned Limit Price or better. As quoted prices change, the Assigned Limit Price is updated to the lowest permissible price for matching under Rule 201 down to an order's original limit price. An order that is re-priced in this manner under Rule 201 does not have its original priority changed. Instead, the priority of such an order is established based on its original Assigned Limit Price.

Citi-ONE will reject MOC Orders sent as short sale orders.

## LOCKED OR CROSSED MARKETS

Citi-ONE accepts new orders, modifications, and cancellations when the market for an NMS Stock is locked or crossed. During the RTS, Citi-ONE will prevent matching in NMS Stocks with an NBBO that is locked or crossed.

## POTENTIAL ERRORS RELATED TO THE OPERATION OF CITI-ONE

Citi-ONE reviews potential errors in accordance with CGMI's Global Procedures for Recording and Remediation of Equity Trade Errors and self-regulatory organization rules. Any potential errors related to the operation of Citi-ONE (e.g., technology-related errors) will be escalated to the ATS Supervisor (or approved Series 24 Delegate) and/or Equities Management. The ATS Supervisor (or approved Series 24 Delegate) and/or Equities Management will review and determine a course of action based on the facts and circumstances pertaining to the matter. If the ATS Supervisor (or approved Series 24 Delegate) and/or Equities Management deem that an error has occurred and resulted in an execution, the execution will be transferred to the Citi-ONE error account and liquidated promptly.

#### TIME-STAMPING OF ORDERS AND EXECUTIONS

Timestamps are applied in the appropriate format to all orders (including amendments and cancellations), executions, and other relevant messages upon receipt, creation, or cancellation. All timestamps have nanosecond precision unless specified otherwise, except where a regulatory requirement or external standard communications protocol (e.g., FIX) mandates a different precision. In those cases, the nanosecond timestamp will be truncated in accordance with the regulatory or external standard. Citi-ONE Participants can choose to have their order entry port and drop copy port messages configured to nanosecond precision.

d. Are the established, non-discretionary rules and procedures required to be identified in Item 11(c) the same for all Subscribers and the Broker-Dealer Operator?

Yes No

If no, identify and explain any differences