

Reserve Order Specifications

Order Terms and Types Not Permitted on Reserve Orders

The following terms are not permitted on orders, cancel with replacements and cancel balance with replacement messages that contain the Reserve order indicator “RSRV”:

- Sponsoring Member Firm
- Booth Destination ID
- Time-in Forces: GTC, GTX, OC, OPG
- Delivery Instructions: Cash, Next Day, Sellers
- Account Types: G, S, V

New Reject Messages

The following new reject message has been added to the validation of Reserve orders in FCS format:

- REJ-INCOMPATIBLE DATA FOR DOT RESERVE ORDER L-*nn* FLD-*n*

Note: Where *nn* contains the FCS line and *n* contains the field number that caused the order to be rejected.

The following new reject message has been added to the validation of Reserve orders in FIX format:

- REJ-INCOMPATIBLE DATA FOR DOT RESERVE ORDER – TAG <#####>

Note: Where <#####> contains the number of the field that caused the order to be rejected.

Additional Information Regarding Reserve Orders

The following additional information should be considered for Reserve orders.

Reserve orders are eligible:

- For valid NYSE Entering Firm mnemonics (excludes Z-mnemonics and ADOT User mnemonics).
- For NYSE-traded securities.
- With RPX, RPXV, NX, DNS routing instructions.
- With Buy, Sell, Sell Short, Buy Minus, Sell Plus order instructions.
- With DNR, DNI and TTS terms.
- And subjected to Price Filter parameters provided by Member Firms.
- For the NYSE's Opening and Closing, but not for SuperDOT's OARS and MOC processing services.

Reserve orders must contain:

- A Limit or Limit OB price and Day time-in force.
- Round Lot or Partial Round Lot (PRL) order quantities.

Reserve orders are ineligible:

- For Algo-routing and will be sent directly to Display Book.
- For Booth-routing and will be rejected.
- For “Makes” messages and will be rejected.
- With Odd Lot quantities and will be rejected.

Reserve Reports

FCS and FIX firms will **not** receive an indicator (such as the “RSRV” in FCS or FIX Tag III-MaxFloor in FIX) identifying the following activities (execution reports, price corrections and confirmations, and busted reports) were against a Reserve order.

Reserve Order Message Formats

FCS Protocol via CMS

For firms using the CMS Floor Communication Standard (FCS) protocol, the new reserve order indicator “RSRV” should be populated on Line 1A, Field 3, followed by a publish quantity up to 7 digits on Line 1A, Field 4.

Phase 1 – Reserve Order w/Publish Quantity

The example below illustrates a Reserve order with publish quantity in FCS format containing the new reserve order indicator “RSRV” on Line 1A, followed by the publish quantity field. The quantity **must** be represented as a round lot quantity in shares. The minimum publish quantity is equal to one (1) times the securities unit of trade (i.e., 100 shares minimum for a 100-share UOT security, 10 shares minimum for a 10-share UOT security and 1 share minimum for a 1-share UOT security).

```
ABC<=  
LA^I23<=  
NY_RPX_RSRV_100<=  
=  
BUY<=  
1000^XYZ^28.75<=  
DAY^A<=
```

Note: The “RSRV” order indicator is also permitted on a cancel w/replacement and cancel balance w/replacement messages, but is not permitted on simple cancels, cancel balances and partial cancels.

Phase 2 – Reserve Order w/Zero-Publish Quantity

The example below illustrates a Reserve order with zero-publish quantity in FCS format containing the new reserve order indicator “RSRV” on Line 1A, followed by the publish quantity field which **must** be equal to “0” zero.

```
ABC<=  
LA^I23<=  
NY_RPX_RSRV_0<=  
=  
BUY<=  
1000^XYZ^28.75<=  
DAY^A<=
```

Note: The “RSRV” order indicator is also permitted on a cancel w/replacement and cancel balance w/replacement messages, but is not permitted on simple cancels, cancel balances and partial cancels.

FIX 4.1 & 4.2 Protocols via CMS

FIX 4.2 Protocol via CCG

For firms using the NYSE's version of the Financial Information Exchange (FIX) protocol, the presence of FIX Tag <III> - MaxFloor will identify the order as the new Reserve order type.

Phase I –Reserve Order w/Publish Quantity

The example below illustrates a Reserve order with publish quantity in FIX format containing the new FIX Tag <III>-MaxFloor. The quantity **must** be represented as a round lot quantity in shares. The minimum publish quantity is equal to one (1) times the securities unit of trade (i.e., 100 shares minimum for a 100-share UOT security, 10 shares minimum for a 10-share UOT security and 1 share minimum for a 1-share UOT security).

FIX Reserve Order w/Publish Quantity Message Type "D" - New Order Single		
Message Body (supported in FIX 4.1 & 4.2)		
<i>Tag Name</i>	<i>FIX #</i>	<i>Value</i>
<i>MsgType</i>	<i>35</i>	<i>D</i>
<i>OnbehalfOfCompID</i>	<i>115</i>	<i>ABC</i>
<i>ClOrdID</i>	<i>11</i>	<i>LA 123/03072008</i>
<i>Side</i>	<i>54</i>	<i>I</i>
<i>OrderQty</i>	<i>38</i>	<i>1000</i>
<i>Symbol</i>	<i>55</i>	<i>XYZ (100-share UOT security)</i>
<i>Order Type</i>	<i>40</i>	<i>2</i>
<i>Price</i>	<i>44</i>	<i>28.75</i>
<i>TimeInForce</i>	<i>59</i>	<i>0</i>
MaxFloor	III	100

Notes:

- 1. The presence of MaxFloor Tag <III> identifies the order as a Reserve order.**
- 2. MaxFloor Tag <III> is also permitted on cancel w/replacement ("G" Message Type) messages, but is not permitted on simple cancels and partial cancels ("F" Message Type) messages.**
- 3. Prior to FIX 4.2, the MaxFloor Tag <III> was an "INT" type, not "QTY".**
- 4. CCG only supports FIX 4.2.**

Phase 2 –Reserve Order w/Zero-Publish Quantity

The example below illustrates a Reserve order with zero-publish quantity in FIX format containing the new FIX Tag <III>-MaxFloor. The max floor quantity **must** be equal to “0” zero.

FIX Reserve Order w/Zero-Publish Quantity		
Message Type “D” - New Order Single		
Message Body (support FIX 4.1 & 4.2)		
<i>Tag Name</i>	<i>FIX #</i>	<i>Value</i>
<i>MsgType</i>	<i>35</i>	<i>D</i>
<i>OnbehalfOfCompID</i>	<i>115</i>	<i>ABC</i>
<i>ClOrdID</i>	<i>11</i>	<i>LA 123/03072008</i>
<i>Side</i>	<i>54</i>	<i>I</i>
<i>OrderQty</i>	<i>38</i>	<i>1000</i>
<i>Symbol</i>	<i>55</i>	<i>XYZ</i>
<i>Order Type</i>	<i>40</i>	<i>2</i>
<i>Price</i>	<i>44</i>	<i>28.75</i>
<i>TimeInForce</i>	<i>59</i>	<i>0</i>
MaxFloor	III	0

Notes:

- 1. The presence of MaxFloor Tag <III>, identifies the order as a Reserve order.*
- 2. MaxFloor Tag <III> is also permitted on cancel w/replacement (“G” Message Type) messages, but is not permitted on simple cancels and partial cancels (“F” Message Type) messages.*
- 3. Prior to FIX 4.2, the MaxFloor Tag <III> was an “INT” type, not “QTY”.*
- 4. CCG only supports FIX 4.2.*

Merged Order Log Modifications

Merged Order Log Output Changes for Reserve Orders:

- ***w/Publish Quantity***
- ***w/Zero-Publish Quantity***

The following Merged Order Log Machine Readable Outputs will be modified to support Reserve orders.

Output	AutoRoute
Clearing Firm MRO	06220143
Entering Firm MRO	06220174
Broker Badge MRO	06201029
BBSS Agency MRO	06010176

A new value will be added to the IA and IB Order Record Types to denote a Reserve Order on the Merged Order Log Machine Readable Output. For both the **Publish** Quantity and the **Zero-Publish** Quantity variations of the Reserve order, the “Reserve Published Quantity” field (new field) will contain a value (valid number “qty” for Publish Quantity and a zero “0” for Zero-Publish Quantity). If an order is not a Reserve order, the Reserve Published Quantity field will be blank.

Message Type IA/IB Record Changes

Field Name	Position (start-end)	Format (Length)	Field Value
Anonymous DOT Indicator	169-169	X(1)	1 = ADOT 5 = Reserve Order
Reserve Published Quantity	174-180 (IA & IB Records)	9(7)	Blank = non-reserve 0 = Zero-Publish Quantity Qty = Publish Quantity

The following Merged Order Log Print-Image products will be modified to support Reserve orders.

Output	AutoRoute
Clearing Firm MOL	06010641
Entering Firm MOL	06222466
Broker Badge MOL	06201028
BBSS Agency MOL	06010166

For the Merged Order Log Print-Image products, a line of text will be added underneath an order to denote a Reserve order. The line will start with the literal “RSRV” (Reserve) and will be followed by the literal “PUB QTY” (Publish Quantity) followed by the quantity. Examples are shown on the next page.

