



**Trading Technology**  
**11 Wall Street**  
**New York, NY 10005**  
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Trading Technology Information Circular

**TO:** Members and Member Organizations

PLEASE ROUTE TO: Chief Operations Officers/Managing Partners/Operations Managers/Data Processing Managers and P&S Managers of Member Organizations/MOL Users

**SUBJECT: Merged Order Log Output Redesign**

**PT 164**

The Merged Order Log Machine Readable Output (MRO) file is being redesigned to support expanded quantity fields, the addition of new fields and the removal of obsolete fields. These changes include:

- Selected quantity fields have been expanded to nine positions.
- The old Activity ID has been eliminated.
- A new Account ID Field (Fix Tag 1) has been added.
- A new Billing Tier Field has been added.
- Prior Day GTC Orders without any current day activity will be added to the output – this will provide users with a comprehensive list of all their GTC Order traffic.
- A new Minimum Trade Size field has been added.
- Filler space has been strategically added for future expansion.
- The record lengths have been expanded to accommodate the new and expanded fields.

In order to facilitate the transition to the new format, the current formats will be supported for an interim time period of approximately 3 months. It is expected that the new format will be available for recipients to test with in early March, 2010 under the new product ids listed below. All users must convert to the new transmission format by late May, 2010 at which time the current version of the MRO file will be discontinued.

The following MOL output will be affected by this change:

Name of MOL Version	Old MRO Product ID	New MRO Product ID
Entering Firm	06220174	06220527
Clearing Firm	06220143	06220564
Broker Badge	06201029	06200574
Agency	06010176	06010578

Listed below is a summary of the format changes:

### Quantity Expansion

Quantity fields located on all Order, Report and Administrative message records have been expanded to support a maximum size of 999,999,999:

RECORD TYPE	Field Name	Current Format	New Format
1A	ORDER QUANTITY TAG 38 (ORDERQTY)	9(7)	9(9)
1B	ORDER QUANTITY TAG 38 (ORDERQTY)	9(7)	9(9)
1C	ORDER QUANTITY TAG 38 (ORDERQTY)	9(7)	9(9)
2A	LEAVES QUANTITY TAG 151 (LEAVESQTY)	9(7)	9(9)
2A	CONTRA QUANTITY(1) TAG 437 (CONTRA TRADEQTY)	9(7)	9(9)
3A	ADMIN QUANTITY	9(7)	9(9)
3A	CANCEL ORDER QUANTITY TAG 9429 (CMSLEAVESQTY) TAG 9428 (CXLQTY)	9(7)	9(9)

Note: The “2B – 2E” record types which support multiple contra firms are being phased out, and will not be updated.

### Activity ID Change:

The old Activity ID field has been eliminated. This field was previously replaced with the Expanded Activity ID field:

RECORD TYPE	Field Name	Current Format	New Format
2A	ACTIVITY ID (TAG 17)	X(9)	Removed
3A	ACTIVITY ID (TAG 17)	X(9)	Removed

### Account ID Change:

Currently Member Firms have the option of populating the Account ID Field (FIX Tag 1) on their Common Customer Gateway (CCG) Order Entry. The Account Field is a 32-byte tag that firms can choose to populate with their own order or customer identification information. The Account Field (FIX Tag 1) has been added to the MRO format, and will be present when provided.

RECORD TYPE	Field Name	Current Format	New Format
1A	ACCOUNT FIELD (TAG 1)	N/A	9(32)
1B	ACCOUNT FIELD (TAG 1)	N/A	9(32)
1C	ACCOUNT FIELD (TAG 1)	N/A	9(32)

**Billing Tier Change:**

A new Billing Tier Indicator will be disseminated on executions based upon the displayed order quantity submitted to the point of sale. The Billing Tier Indicator is designed to supplement the Liquidity Indicator field currently populated on the MOL output.

RECORD TYPE	FIELD NAME	Position (Start-End)	Format (Length)	Field Value
2A	BILLING TIER	25-25	X(1)	Values TBD in subsequent Notice

**Prior Day GTCs on the MOL:**

Currently, prior-day GTC orders are not populated on the MOL output unless there is current day activity. If there has been any activity (admin messages or executions) during the trade date, the order will be recreated with the information from the activity as a 1A or 1B record. A GTC can be identified by an Order Date less than the activity date. A new Leaves Quantity field will be added to the 1A and 1B records to designate the quantity at the beginning of the day. Any activity against the order (executions, admin messages, etc.) will flow through to Report (2A) and Admin (3A) records respectively.

RECORD TYPE	FIELD NAME	Position (Start-End)	Format (Length)	Field Value
1A, 1B	ORDER DATE TAG 11 (CLORDID)	61-68	X(8)	Order Entry Date: CCYYMMDD
1A, 1B	LEAVES QUANTITY	217-225	9(9)	Quantity on a GTC order at the beginning of the activity date.

**Minimum Trade Size field:**

The Minimum Trade Size is a new field for brokers to limit their dQuotes' use of discretion to scenarios in which they are guaranteed a minimum execution size. This quantity will be populated on the 3C record of the MRO format when present.

RECORD TYPE	FIELD NAME	Position (Start-End)	Format (Length)	Field Value
3C	MINIMUM TRADE SIZE	102-108	9(7)	Minimum quantity that must be guaranteed for d-Quote to trade with discretion

**Reference Materials:**

A complete revised copy of the MRO IRS v4.0 will be available at the NYSE website.

Trader Alert "Account Field Data via CCG" dated August 7<sup>th</sup>, 2009  
[http://traderupdates.nyse.com/2009/08/account\\_field\\_data\\_via\\_ccg.html](http://traderupdates.nyse.com/2009/08/account_field_data_via_ccg.html)

PT 146 "Expanded MOL Activity ID" dated June 10, 2008  
<http://www.nyse.com/pdfs/PT%20146.pdf>

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