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NYSE
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Date: September 13, 2000
To: Merged Order Log Users / Data Processing Managers /
Operations Managers and P&S Managers
Subject: **Merged Order Log Machine Readable Output Redesign**

The NYSE is in the process of redesigning the Merged Order Log Machine Readable Output (MRO) file (Autoroute number 06222191). The new MRO is designed to distribute data based upon individual record types as opposed to order sets. SIAC is prepared to begin testing with firms in October 2000. All users must convert to the new transmission format by March 30, 2001, at which time the current version of the MRO file will be discontinued.

Additional Information

The new MRO will support dissemination of additional information, including:

- Miscellaneous order information that is entered into the Exchange's Trading Systems on CMS lines 3F and 4. Specifically, discretionary order information.
- Supplemental report data that is entered into the BBSS memo field. Specifically, commission billing information.
- BBSS agency identifiers.
- Reject information that normally appears at the end of each member printed Merged Order Log report.
- Administrative message types, such as stock not open, shares ahead, etc.
- The Contra Report Flag indicators, used for SuperDot billing have been consolidated and simplified to indicate "billable" or "non-billable" reports.
- The 9:45 AM default opening time has been replaced with the time of the 'OARS' opening for calculating the Contra Report Flag indicator.



Technical Changes

Listed below is a brief summary of the technical changes to the new MRO format:

- The new MRO will have a new autoroute number. 06220143
- The new MRO will support the following transmission methods: Network Data Mover (NDM) and File Transfer Protocol (FTP).
- Remote Job Entry (RJE) transmission will not be supported.
- The new format will be transmitted in a 4096 byte block or physical record.
- The MRO will no longer be broken down into 80 byte records during transmission.
- Each physical record (4096 bytes) can contain up to nine different types of logical records. The logical records are listed below:

<u>Record Type</u>	<u>Record Name</u>	<u>Length</u>
1A	Order Record Short	192
1B	Order Record Long	256
2A	Report Record One Contra	160
2B	Report Record Two Contras	192
2C	Report Record Three Contras	224
2D	Report Record Four Contras	224
2E	Report Record Five Contras	256
3A	Administrative Response Record	128
4A	Reject Message Record	224

Although many logical records and different types can be contained in each physical record, logical records will **not** be split across multiple physical records.

The first 43 positions of each logical record will contain common data elements that can be used to sort data (except for the type 4A record).

New MRO Format

To obtain a copy of the new MRO formats, contact Mr. Michael Paulyson at 212-656-2721.

Questions regarding this circular should be directed to Mr. Fred Lipinski at 212-656-3021.