

Information Memo

NYSE Group
11 Wall Street
New York, NY 10005

Trading Technology

January 31, 2007 (Update to
Dec. 19, 2006 "Away Market
Center Indicators" Info Memo)



TO: ALL MEMBERS AND MEMBER ORGANIZATIONS

SUBJECT: AWAY MARKET CENTER INDICATORS

Route To: **Technology and Operations Officers**

The Exchange plans to add two new data elements, representing **Away Market Center Indicators**, to the CMS Execution Report that is returned to the firms. This new information will be provided in two phases.

In phase one (February 1, 2007), the first of two new data elements, **Market Center ID (MCID)**, which is informational in nature, will be made available to firms that wish to receive an indicator on execution reports when their order's execution has taken place at a market center other than the NYSE. This feature can be initiated on an Entering Firm mnemonic basis.

In phase two (end-April 2007), the second new data element, **Market Maker ID (MMID)**, will be added on CMS execution reports, if applicable, when their order's execution has taken place at a market center other than the NYSE by a specific market maker. The MMID will be available for those firms that have activated their Market Center ID above.

For firms using the CMS Floor Communication Standard (FCS) protocol, the indicator(s) will appear in **Field #7** of the **New Line 4B Expanded Report format**. Currently, Field #7 displays the NX indicator for those firms that have their NX flag activated, when an order receives an auto-execution at the NYSE. In the future, Field #7 will display the Market Center ID (MCID) and if applicable, the Market Maker ID (MMID). Since the NX value and Away Market Indicator are mutually exclusive, they will share the same Field #7 on the Expanded Report format. Both indicators will be preceded by a forward slash "/". The MCID will be represented as a single-character alpha (e.g., /D). The MMID will be represented as a four-character alpha (e.g., /EDGA).

In order to receive these new indicators, a firm must be capable of receiving the **CMS Expanded Line 4B Report format**. Some firms have already made this change to receive the Report Link ID on their Execution Reports in 2006, and others have made this change to receive the NX indicator. If your firm is interested in receiving the Expanded Line 4B Report Format with the new MCID and MMID information, please determine if internal software changes are needed to accept the **Expanded Report format**. The change can be initiated on an Entering Firm mnemonic basis.

For firms using the FIX protocol, the Market Center ID and if applicable, the Market Maker ID (MMID) will be returned in a new User-defined FIX Tag <9570> - ExecAwayMktId (e.g., D/EDGA).

All FCS firms that receive the CMS Expanded Line 4B Report format are required to process these new data elements by July 1, 2007 when Phase 1 and 2 functionality will be fully activated for all Expanded Line 4B subscribers.

To make testing arrangements, please contact **SIAC Service Desk at 1-866-USE-SIAC**.
Phase one testing can be supported today. Phase two testing will be supported in March 2007.

To activate the Away Market Center Indicator (Expanded Line 4B flag) in production, please send your email to mfgroup@siac.com indicating which mnemonics you want enabled. This request will be processed one business day after its receipt.

If you have any business questions relating to the Away Market Center MCID or MMID, please contact **John Limerick at the NYSE - 212-656-3099**

The table below lists the Away Market Centers and their corresponding Market Center ID's that will be sent on execution reports that are executed at a Market Center other than NYSE.

Away Market Centers	MCID
American Stock Exchange	"A"
Boston Stock Exchange	"B"
National Stock Exchange	"C"
National Association of Securities Dealers	"D"
International Securities Exchange	"I"
Chicago Stock Exchange	"M"
Pacific Stock Exchange	"P"
Nasdaq Stock Exchange	"T"
Chicago Board of Options Exchange	"W"
Philadelphia Stock Exchange	"X"

Note: If a Market Maker ID (MMID) is associated with a specific Away Market Center, both data elements (MCID and MMID) will be provided. At the present time, only NASD has Market Makers.

The example below illustrates an FCS Expanded Line 4B Report format that contains the Give-up field and MemoA/B field, followed by the new Market Center ID (e.g., /D) and a Market Maker ID (e.g., /EDGA).

```

ABC<=
LA^10<=
BOT<=
1000^XYZ^28.55<=
ON^28.55^LMT
DAY<=
GUABC^....00003.^/D/EDGA<=
ID^123123123<=
=
7890^LOC10/0000^0948<=

```

Notes:

- 1) Since all fields on Line 4B are optional, the populated fields are left-justified without placeholders.
- 2) The MCID may be present without the MMID (e.g., /D); however when there is a MMID, the MCID will always be present (e.g., /D/EDGA).

The example below illustrates a FIX Report format that includes the new User-defined FIX Tag <9570> - ExecAwayMktId that contains the Market Center ID and a Market Maker ID (e.g., **D/EDGA**).

MESSAGE TYPE '8'		
EXECUTION REPORT		
MESSAGE BODY (SUPPORT FIX 4.1 & 4.2)		
TAG NAME	FIX #	VALUE
CMSType	9446	R
AvgPx	6	0
CumQty	14	0
ExecID	17	LA 10/01302007 123123123
ExecTransType	20	0
LastPx	31	28.55
LastShares	32	1000
OrderID	37	LA 10/01302007
OrderQty	38	1000
OrdStatus	39	2
Side	54	1
Symbol	55	XYZ
TimeInForce	59	0
ExecType	150	2
LeavesQty	151	0
GiveUpID (FIX 4.1) or ClearingFirm(FIX 4.2)	9431 or 439	ABC or ABC
DBKLinkID	9483	3
ExecAwayMktId	9570	D/EDGA

Notes:

- 1) Since all fields on Line 4B are optional, the populated fields are left-justified without placeholders.
- 2) Tag 9570 may only be present with the MCID (e.g., D); however when there is a MMID, the MCID will always be present (e.g., D/EDGA).