

**Technical Notice** **12-011**

**TO:** Montréal Exchange Participants  
**FROM:** Participant Connectivity Coordinator  
**SUBJECT:** **MX Participation in the SIFMA and FIA Business Continuity (BC) 2012 Tests details**  
**DATE:** August 6, 2012

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The Montréal Exchange (MX) will be participating in the aligned Securities Industry and Financial Markets Association (SIFMA) and Futures Industry Association's (FIA) BC test on **Saturday, October 27, 2012**, including the pre-connectivity test held on **Saturday, September 29, 2012**.

During the SIFMA and FIA tests, MX Participants will be able to connect to the MX Production network (IP & ports) from their Disaster Recovery (DR) environment. MX will redirect participants to the MX DR environment in a seamless fashion. During the simulation, MX will shutdown the primary Markham location (Production site known as MCC) and switch over to the back-up location in Toronto (DR site known as TCF). Participants must be in a position to maintain their connectivity to the MX from TCF or to any of our Points Of Presence (POPs) as the MX will ensure connectivity. MX POPs are located in Chicago, London, and New York.

TMX Group's (TMX) recovery team will be utilizing TMX's alternate backup facility to recover critical business processes. MX Participants will be able to verify connectivity and send/receive messages. Participants will not be required to make network, DNS, or IP changes in order to connect to the MX DR site during the SIFMA and FIA BC and pre-connectivity tests.

**Tests Registration**

MX Participants are expected to officially register on the FIA website (see link below)  
<http://www.futuresindustry.org/disaster/dr-test-registration.asp>.

or via the SIFMA website  
<http://www.sifma.org/services/bcp/industry-testing/>

**Pre-Connectivity information**

SIFMA-FIA	Pre-Connectivity Test
Date:	September 29 <sup>th</sup> , 2012
MX Participants Start Time :	10:00 AM
MX Participants End Time :	1:00 PM

MX Participants will be required to connect to the MX Production environment via the MX Production network using production credentials regardless of their environment. The purpose of this test is to establish connectivity.

As stated in TMX IT policy, 'ping' testing is not permitted, therefore all MX Participants will need to connect to MX systems in order to test connectivity.

MX Participants can test connectivity with the following services:

SAIL	FIX	FIXTT	FIXTT-HSVF
STAMP	ATR	Drop Copy	TMS
Clearing API	HSVF	FTP server (EOD reports)	LOPR

As long as testing is conducted between 9:00am and 1:00pm, no scheduling timeframe is required. The Technical Help Desk (THD) and TMX IT Group support staff will be available to assist. Participants are required to advise THD by phone or email once they have successfully connected.

### Test day information

	Date/Time	Assignment/ Comments
<b>Exercise Date</b>	October 27, 2012	
<b>Pre-Opening</b>	9:00 am EDT	MX will accept orders but no trades will result from these orders. Orders must be entered as of the October 27, 2012 Trade Date (day orders only).
<b>Opening</b>	9:30 am EDT	Orders can trade. The trade data will flow through the MX too CDCC's SOLA ® Clearing system
<b>Closing</b>	1:00 pm EDT	Market will close

### Test symbols

Test Transaction	Transaction Type (Buy/Sell, Receive/Deliver, Wire, etc.)	Security Identifier (Symbol/CUSIP/ISIN)	Quantity	Bid / Ask price from MX
1	B/S	BAX March 13 (BAXH13)	1	98.80 - 99.95
2	B/S	BNS Jan 13 50 Call	1	4.15 – 4.95
3	B/S	SXO DC 12 655.000 Put	1	42.00 – 55.00
<b>MX to provide an Automated Market</b>		MX will provide automated market volumes for bids/offers for the above instruments. Participants will be able to lift or hit MX market. Firm IDs (mnemonic) representing the MX will be 901 and 902.		

MX Participants can test with the following services:

SAIL	FIX	FIXTT	FIXTT-HSVF
STAMP	ATR	Drop Copy	TMS
Clearing API	HSVF	FTP server (EOD reports)	LOPR

Participants can conduct their tests between 9:00am and 1:00pm as no scheduling timeframe is required. If required the Technical Help Desk (THD) and TMX Group IT support staff will be available to assist. Participants are required to advise the THD by phone or email when they are ready to test as the THD will be monitoring the activity for each Participant. Once successfully completed, please send an email to confirm.

**Contact Information during the pre-test and on test day**

<b>Technical Help Desk</b>	<b>Market Operations Department <u>Test day only</u></b>
Toll free 1-877-588-8489	Toll free 1-866-576-8836
Local 514-877-7872	Local 514-871-7877
<a href="mailto:DR-BCSupport@m-x.ca">DR-BCSupport@m-x.ca</a>	

For additional information on this notice, please contact Edwige Poupart, Head of Client Services, MX Financial Markets at 514-871-3590 or at [epoupart@m-x.ca](mailto:epoupart@m-x.ca).

We thank you for your cooperation.

Participant Connectivity Coordinator