Technical Notice   13-005

TO: Montréal Exchange (MX) Participants & Vendors

FROM: Market Access Manager

SUBJECT: MX SOLA Trading System Technology Upgrade – Phases 1 & 2 Simulations

DATE: May 3, 2013

Following the technical notice 13-004 sent on March 28, 2013, the Montréal Exchange (MX) has condensed the phases of the implementation of the hardware infrastructure upgrade into 2 phases instead of the 4 phases previously communicated, with a planned **GO-LIVE** on **June 22 2013**

Phase	Date	Comments	Affected Services
1st Phase	**June 15**	MX Technical Launch (dry-run) of the New MX Trading System. Participants are invited to participate in a market simulation to validate their systems against the New MX Trading System. After the Technical Launch, systems will be reverted back to the current Trading System. Participants must confirm their participation by May 30, 2013 by contacting the THD at MXRefresh@m-x.ca	**SAIL, FIX, STAMP, HSVF, ATR, Clearing API, Drop Copy, TMS and LOPR**
2nd phase	**June 22**	MX **"GO-LIVE"** of the New MX Trading System. Participants **MUST** participate and validate that their systems correctly communicate with the New MX Trading System. **All** participants must confirm their results by contacting the THD at MXRefresh@m-x.ca	**SAIL, FIX, STAMP, HSVF, ATR, Clearing API, Drop Copy, TMS and LOPR**

1. Phase 1 and Phase 2 General Information

- Participants do not have to make any network or configuration change. The same IP addresses, port numbers and Login/ID's from the current production environment will be used

- Participants can only send day orders on the instruments described in Section 4.

- Along with each order entry and market data service, participants will need to validate all their internal applications that connect to the other available MX services.

- The MX production environment will start as usual on Sunday, June 16th and June 23rd.

2. June 15, 2013 Phase 1 - Production Simulation Schedule and Details

MX Technical Launch (dry-run) of the MX New Trading System. Participants are invited to test their systems against the New MX Trading System.

Phase 1	Time	Assignment / Comments	Impacted Service
Connectivity	11:00 am EDT	Physical and logical connection to all MX services. (See impacted services). Participants are encouraged to establish and validate connections to each trading applications based on actual participant connectivity profile.	SAIL, FIX, STAMP, HSVF, ATR, Clearing API, Drop Copy, TMS and LOPR
Pre-Opening	11:30 am – 11:45 am EDT	Orders must be entered as of the June 15, 2013 trade date (day orders only).	
Continuous Trading	11:45 am – 1:00 pm EDT	Orders and trades must be entered as of the June 15, 2013 trade date (day orders only).	
HSVF Service	11:30 am – 1:00 pm EDT	Receive, process, and validate the HSVF market data feed (for participants connected to the HSVF feed).	
MX Fail-Over Test	12:30 pm – 1:00 pm EDT	Validate that participants' systems automatically reconnect after an MX service failover	SAIL, FIX, STAMP, HSVF, ATR, Clearing API, Drop Copy, TMS and LOPR
Closing	1:00 pm EDT	End of simulation. Participants are **required** to call or email THD to confirm the results of their tests.	
Order and Trade cancellations	1:00 pm EDT	MOD will cancel orders and trades. No trades performed during testing hours will be valid. All participants must clean up all back end system data after testing.	
Participant Exercise	Sunday June 16 beginning at12:00 pm EDT	Participants are encouraged to validate by connecting to each MX service based on each participant's connectivity profile.	

Participants are expected to take part in each test described between the hours of 11:00 am – 1:00 pm EDT and confirm their test results to THD.

3. June 22, 2013 Phase 2 - Mandatory Production Connectivity Schedule and Details

Phase 2	Time	Assignment / Comments	Impacted Service
Connectivity	11:30 am EDT	Physical and logical connection to all MX services. (See impacted services). Participants are required to establish and validate their connections and internal applications to each MX service based on their actual participant connectivity profile.	SAIL, FIX, STAMP, HSVF, ATR, Clearing API, Drop Copy, TMS and LOPR
Pre-Opening	11:30 am – 2:00 pm EDT	Orders must be entered as of the June 22, 2013 trade date (day orders only).	
HSVF Service	11:30 am – 2:00 pm EDT	Receive, process, and validate the HSVF market data feed (for participants connected to the HSVF feed).	
Closing	2:00 pm EDT	End of test.	

Order cancellations	2:00 pm EDT	MOD will cancel orders. All participants must clean up all back end system data after testing.	
Participants	11:30 am – 2:00 PM EDT	Participants are **required** to call or email THD to confirm the results of their tests.	

Participants do not have to schedule a timeframe with the MX; however, participants are required to call or email THD and confirm that they have successfully completed the tests.

4. 4. Production Test Symbols

Participants must use a trade date of Saturday, June 15, 2013 or June 22, 2013

Product	Class Symbol	Group Name	Instrument
Interest Rate Derivative	ONX	ON	ONXU14
Index Rate Derivative	SXH	SH	SXHU14
Equity Option	WIN	68	WIN 130720C7.00

5. Technical Help Desk (THD) and Market Operations Department (MOD) Support Resources

Please contact the THD for technical support and the MOD for trading support. On June 15 and 22, participants are required to call or email THD and confirm that they have successfully completed the tests.

THD	MOD
Toll free 1-877-588-8489	Toll free 1-866-576-8836
Local 514-877-7872	Local 514-871-7877
MXRefresh@m-x.ca	

6. Contact Information

For additional information on this notice or if you require technical assistance, please contact the Technical Help Desk (THD) at 1-877-588-8489 or by e-mail at MXRefresh@m-x.ca.

We thank you for your cooperation.

Market Access Manager