

**Technical Notice** **13-007**

**TO:** Montréal Exchange (MX) Participants & Vendors  
**FROM:** Market Access Manager  
**SUBJECT:** MX SOLA Trading System Participant Capacity  
**DATE:** August 27, 2013

Following the successful implementation of our new hardware infrastructure on June 24<sup>th</sup>, the Montréal Exchange (MX) will increase message throughput to participants. This is the final phase of the initiative announced in technical notice [13-004](#) sent in March 2013, informing participants to prepare for greater bandwidth requirements.

**TIMELINE and CHANGES**

On Monday, **September 16, 2013**, MX will be allocated additional messaging as per the following profile:

<b>Market Maker on Equity options, Index &amp; ETF and Options on Futures (with bulk quoting and panic quoting abilities)</b>	
≥ 50 assignments	1500 msg/sec for each BQ connection
< 50 assignments	500 msg/sec for each BQ connection
	500 msg/sec for each PQ connection

<b>Market Maker on Futures and Options on Futures</b>	
On a per group basis	500 msg/sec for the connection use for MM

<b>Any other connection</b>	300 msg/sec per connection
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<b>User Defined Strategies</b>	
On a firm basis	500 UDS per day (rejected creation included)

**ADDITIONAL DETAILS**

By connections, the MX is referring to the entry order points to the SOLA trading engine on the SAIL, FIX or STAMP Front-ends.

Gateway/Front-end	Connection type	Example
SAIL	UserID	XXXX01OR, XXXX01BQ & XXXX01PQ
FIX	Sender CompID	SFXXX01
STAMP	STAMP Address	005XXXXX

- The MX reserves the right to decrease, without prior warning or notice, the allocated capacity associated with any connection. Such a decrease would result from internal analysis and investigation by the MX indicating the inefficient use of a client's connection.
- The MX also reserves the right to take any measures it deems appropriate in the event that a participant's connection is deemed to be disrupting the orderly operation of the market or affecting the stability of the SOLA system. This includes (but is not limited to) disconnecting the participant or decreasing their connection's throughput. The MX will attempt to contact the participant in an effort to inform them of the situation and of the Exchange's intent. If the Exchange is unable to reach the participant within a reasonable delay, the Exchange will proceed to take the appropriate measures without any additional attempts to communicate with the participant.
- The MX reserves the right to amend these general guidelines at anytime.
- With the exception of backup sessions, if no session activity is recorded for 3 consecutive months or more, the MX reserves the right to delete the session from the system.

Backup Sessions:

- a. Participants must identify any backup sessions to the THD by providing an accurate and up-to-date session description - one that identifies the backup session and the relevant primary session.
  - b. Messaging capacity for backup connections is set to 1 message-per-second (MPS). In the event of a client failover, it is the client's responsibility to contact the Technical Help Desk (THD) and advise them to swap the MPS from the primary connection to the secondary.
  - c. A list of the trader names / TraderIDs that would failover to these backup connections must be provided to the THD.
- Participants that do not wish to be assigned additional capacity must contact the THD with the list of their connections and capacity (MPS) requirements.

Capacity allocations from different connections cannot be combined into unique connections.

Please refer to the following link for any information on MX Rules and Procedures:  
[http://www.m-x.ca/publi\\_regles\\_en.php](http://www.m-x.ca/publi_regles_en.php)

**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](mailto:MXRefresh@m-x.ca).

We thank you for your cooperation.

Market Access Manager