

## NOTICE TO PARTICIPATING ORGANIZATIONS AND MEMBERS



March 6, 2009

2009-009

### **TSX Venture Exchange: Migration to Quantum – Details for March 2009**

TMX Group is pleased to provide details on the migration of TSX Venture Exchange symbols to TSX Quantum, TMX Group's proprietary trading engine. TSX Quantum is designed to provide world-class messaging capabilities and linearly scalable throughput with response times in the single digit millisecond range.

TSX Venture Exchange symbols will be available in the Quantum Gateway Testing Environment ("GTE") in mid-March 2009.

TSX Venture symbols will migrate to the Quantum trading engine in 2 phases. The planned migration includes the:

- migration of a pilot group of 10 TSX Venture Exchange symbols to production in mid-April 2009; and
- migration of the remaining TSX Venture Exchange symbols over the course of a weekend in early May 2009.

The overall symbol migration strategy has been designed to minimize impact on marketplace participants.

### **Impact of TSX Venture Exchange symbol migration to Participating Organizations**

- For the pilot group of 10 symbols: This migration is currently planned for mid-April 2009. At the end of the day prior to migration, TSX Market Services will remove the symbol from the current trading engine. This will result in all booked orders for that symbol being automatically purged. It is the responsibility of the Participating Organization/Member to re-enter orders for the migrated symbols prior to the opening of trading on TSX Quantum on the following morning.
- For the remaining TSX Venture Exchange traded symbols: This migration is planned for a weekend in early May 2009. TSX Market Services will remove the symbols from the current trading engine at the end of the day Friday. This will result in all booked orders for that symbol being automatically purged. TMX will provide market participants with a Saturday pre-open session to re-enter orders if they choose. It is the responsibility of the Participating Organization to re-enter orders for the migrated symbols prior to the opening of trading on TSX Quantum on the following Monday.

- In an effort to reduce complexity, TMX has modified some trading functionality of TSX Venture Exchange to harmonize the functionality between it and Toronto Stock Exchange. This harmonization includes the following:
  - The TSX Venture Exchange opening allocation will be modified to be identical to the opening allocation on Toronto Stock Exchange. MKT and BPL's (better priced limit orders) will both be guaranteed a fill at the opening
    - Market participants should be aware that because an order type is guaranteed a fill, a system delay at the opening will result in the event of a guaranteed fill imbalance
  - Bid/ask tick limits will apply to both MKT and BPL orders, not just MKT
  - Premiums and discounts in Oddlot trading will be eliminated
  - Volume-related freezes will be eliminated
  - The short exempt marker and the bypass cross will be available.
  - Two Special Trading Terms order types, Min Fill and Lots Of, will not be available for TSX Venture symbols once they are trading on the TSX Quantum trading engine. As a result, Participating Organizations and Members will not be able to re-enter Min Fill and Lots Of orders that were purged from the current Venture trading engine.
  - All other order types and functionality available on the current trading engine are supported by TSX Quantum.

The Quantum website, the central repository for all information relating to the TSX trading engine, is online and can be accessed from the TMX Group home page ([www.tsx.com](http://www.tsx.com)) or directly at [www.tsx.com/quantum](http://www.tsx.com/quantum).

Over the coming weeks, additional details on the migration process and schedule, changes in supported order types, and performance specifications will be provided. Confirmation of the April/May migration dates will be communicated by the end of March. In the meantime, Participating Organizations should contact their account managers with any questions regarding TSX Quantum.

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Questions regarding GTE should be directed to TSX Vendor Services at 416-947-4705.

### **About TMX Group (TSX-X)**

TMX Group's key subsidiaries operate cash and derivative markets for multiple asset classes including equities, fixed income and energy. Toronto Stock Exchange, TSX Venture Exchange, Montreal Exchange, Natural Gas Exchange, Boston Options Exchange (BOX), Shorcan, Equicom and other TMX Group companies provide trading markets, clearing facilities, data products and other services to the global financial community. TMX Group is headquartered in Toronto with offices in Montreal, Calgary and Vancouver. For more information about TMX Group, visit our website at [www.tsx.com](http://www.tsx.com).

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