

EQUITIES TRADING NOTICE

Universal Test Symbols

Overview

Universal test symbols (UTS) enable marketplace participants to conduct limited testing/validation in the production environment. This will allow participants the opportunity to better replicate the transaction logic utilizing production code as opposed to a UAT environment. Effective October 1st, 2015 the following test symbols will be made available:

TSX	TSXV
ZYZ.A, ZYZ.B, ZYZ.C, ZYZ.D, ZYF.F	ZYQ.Z, ZYQ.H, AYQ.A, AYQ.H

Use and Restrictions

In accordance with NI 21-101, all marketplaces must provide fair access to its marketplace participants to the UTS facility. The authorized use of the UTS facility is to validate connectivity as well as functional verification. The following are not permitted uses of the UTS facility:

- Any type of capacity, volume or stress testing
- Basic functional testing that can, and must, be performed in the UAT/GTE. The UTS facility may be used only after any bugs identified through basic functional testing have been resolved
- Any use by vendors unless carried out on behalf of a marketplace participant
- Any use by DEA clients unless specifically sponsored by a marketplace participant

In summary, a marketplace participant is fully responsible for any testing activity that takes place in a production environment.

Availability and Notification

Initial use of the UTS facility will be limited to a designated window between 8:00 am and 9:00 am. [TSX Market Operations](#) will provide full support during the designated window.

At least 24 hour prior notification is required by a marketplace participant wishing to use the

UTS facility. Notifications are to be sent by email to a designated email address which will be provided in a subsequent notice. The same or different tests at a later date will require a separate notification. At a minimum, the notification will contain the following:

- the date and time of the test
- the approximate volume of test transactions and messages
- a brief description of what is to be tested
- a contact name and number

Suspension of Access

A marketplace may suspend access to a test symbol where, in the view of the marketplace, the use of the test symbol in a particular circumstance reasonably represents undue risk to the operation or performance of the marketplace's production environment. In such instances, the marketplace has the authority to take appropriate action to protect the continuous integrity of its production environment. In the event that termination occurs, the marketplace will notify the appropriate securities regulator immediately so that appropriate follow-up action can be taken.

Impact to Market Data

Market data specific to the predefined test securities outlined above will not be suppressed. However, all trading volume and value should be removed from any reference summary file. The decision as to whether the data will need to be processed is between the Vendor and its respective subscriber/recipient.

If you have any questions or concerns, please contact TSX Market Operations at 416-947-4357.

