



## BATS Reg SHO Update and Reminder of Related Technical Specification Changes Effective Saturday, October 23, 2010

### **SIFMA BCP/Reg SHO Testing on Saturday, October 23rd, 2010**

As previously announced, the BATS Equities Exchange (BZX) will operate from our secondary data center in Nutley, NJ for the SIFMA BCP test. The primary data center in Weehawken, NJ will be unavailable for the duration of this test.

BATS systems will start up as normal on the test date and be available for connection at approximately 8:30 am ET. All member sessions will be terminated at 1pm ET.

All symbols will be available for order entry and NMS rules will not apply during the test. Additionally, changes to support Regulation SHO Amendments that are effective on November 10, 2010 will be enabled to allow members to functionally test those changes during this same test window.

Members who wish to participate do not need to register with BATS. For each member port in the primary data center, there exists an analogous port in the secondary data center that is ready for connection assuming the member has connectivity established to the secondary site.

The BATS Trade Desk ([tradedesk@batstrading.com](mailto:tradedesk@batstrading.com) 913.815.7001) and NOC ([noc@batstrading.com](mailto:noc@batstrading.com) 913.815.7005) will be available for the duration of this test.

### **Regulation SHO Updates**

BATS has posted an updated [Regulation SHO Amendment FAQ](http://www.batstrading.com/support) to its public site Support page at <http://www.batstrading.com/support>. Updates to the FAQ have been highlighted within the document.

Additionally, a [Short Sale Circuit Breaker Order Handling Scenarios](#) quick reference sheet has been added to the same Support page. This reference sheet order behavior based on marking (sell short vs. sell short exempt), whether the order is routable, and whether or not a Short Sale Circuit Breaker is in effect.

### **Technical Specification Update Reminder**

As a reminder, BATS will be implementing various changes to both its proprietary data feed and order entry specifications in support of the upcoming changes to Regulation SHO. In conjunction with these updates, additional market data message types have been introduced to support dissemination of additional messages of interest (i.e. halt messages).

### **Summary of Market Data Specification Changes**

Changes to the BATS market data specifications will be **in production effective Saturday, October 23, 2010**. While most of these updates involve introduction of new message types which Members may choose to support on their own schedule, it is important to note that users of TOP will be required to perform a hard cut to the new specification on this effective date given the protocol relies on a fixed messaging format. Similarly, users of FAST PITCH will be required to implement a new FAST PITCH decoder prior to the effective date. A summary of changes specific to each protocol follows.

### **Multicast PITCH**

A *Trading Status Message* (*MessageType* = 0x31) has been added to indicate the current trading status of a security. This new message will be used to support new Halt Status and Reg SHO Action messages. Additionally, a few bytes have been added to be reserved for future use. Members using *Spin Servers* will also need to be prepared to receive Trading Status Messages during a spin. Users of Multicast PITCH will need to be prepared to accept these changes by Saturday, October 23, 2010.

### **TCP PITCH**

A *Trading Status Message* (*MessageType* = H) has been added to indicate the current trading status of a security. This new message will be used to support new Halt Status and Reg SHO Action messages. Additionally, a few bytes have been added to be reserved for future use. Users of TCP PITCH will need to be prepared to accept these new messages by Saturday, October 23, 2010.

### **TCP FAST PITCH**

**Members using TCP FAST PITCH must use FAST PITCH decoder v1.3 or later** to support new Trading Status Messages. The latest FAST PITCH decoder is available for download and use effective immediately at <http://www.batstrading.com/resources/membership/batsfastpitch.zip>. It must be implemented no later than Saturday, October 23, 2010 and as the decoder is backwards compatible it may be implemented at any time prior to the effective date.

### **TOP**

As TOP is a fixed length protocol, **changes being introduced will require users of TOP to perform a hard cut effective Saturday, October 23, 2010.**

A *Trading Status Message* (*MessageType* = t) will be added to indicate the current trading status of a security. This new message will be used to support new Halt Status and Reg SHO Action messages. Additionally, a few bytes have been added to be reserved for future use.

The *Expanded Spin Message* (*MessageType* = "s") will be expanded to include support for the new Trading Status Messages. The extension of this particular message is the reason a hard cut will be required.

The final change to the TOP protocol will be the elimination of the *Short Spin Message* (*MessageType* = "S"). Users of TOP can expect to see no further messages of this *MessageType* on the effective date.

### **Last Sale**

The only modification to the Last Sale feed specification is the introduction of the *Trade Break Message* (*MessageType* = B). Users of the Last Sale feed will need to be prepared to accept these new messages by Saturday, October 23, 2010.

### **FIX Specification Update**

The BATS US Equities FIX Specifications have been updated to note that **effective Wednesday, November 10, 2010**, Tag 54=6 (*Sell Short Exempt*) will begin to be accepted in production. Any attempts to send this value prior to the effect date will result in a FIX reject.

### **Testing Opportunity**

**All** defined changes will be available for test in the BATS Certification environments starting Monday, October 18, 2010.

**For More Information**

Please refer to the appropriate technical specification:

- [BATS US Equities/Options Multicast PITCH Specification](#)
- [BATS US Equities TCP PITCH Specification](#)
- [BATS US Equities TCP FAST PITCH Specification](#)
- [BATS US Equities TOP Specification \(effective 10/23/10\)](#)
- [BATS US Equities Last Sale Specification](#)
- [BATS US Equities \(BYX\) FIX Specification](#)
- [BATS US Equities \(BZX\) FIX Specification](#)

Additionally, please contact the BATS Trade Desk or your Director of Sales with any questions.

**BATS Trade Desk**

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