



BOXSM
OPTIONS EXCHANGE

Informational Circular

IC-2013-030

TO: BOX Options Participants
FROM: BOX Market Operations Center
SUBJECT: SOLA® Old Protocols Decommission – LAST REMINDER
DATE: October 31, 2013

Several old Protocol versions associated with SOLA® Trading Services will be eliminated by the end of the year.

Timeline

The old Protocol versions will be available until the close of business on Friday, **November 15, 2013**. Starting the morning of Monday, November 18, Participants will be required to connect to BOX using the latest Protocol versions described below.

Impacts Summary

Only the following Protocol versions will be supported:

SOLA Services	Description	Protocol Supported	Specifications Document
SAIL	Order Entry	A6	Specifications v2.1
FIX	Order Entry	A7	Specifications v3.8
HSVF	Market Data Feed	C4	Specifications v3.5
ATR	Trade Report feed (Drop copy)	Port 20290	Specifications v1.13

Participants using SAIL and FIX services and not already using the latest Protocol versions will be required to re-certify their applications.

Detailed Impact on SOLA® Trading Services

SAIL

Participants specify the SAIL protocol version when the SAIL connection is established. Protocols "A0", "A1", "A2" and "A5" will be decommissioned.

Protocol Version	Features	References
A0	Base Protocol Version	n/a
A1	Make or Take Flag in the Execution Message	Technical Notice 08-006 (11/26/2008) Technical Notice 08-042 (12/10/2008)
	Order Quantity Modification Management	Technical Notice 11-003 (06/17/2011)
A2	Solicitation and Facilitation Auction Mechanisms for Block Trades	Information Circular 2011-007 (09/30/2011)
	Customer Cross Orders	Information Circular 2012-004 (02/13/2012)
A5	Market Maker Protection	Information Circular 2011-010 (10/06/2011)
	Pending Cancel Acknowledgment	
	Participant Trade Prevention	Information Circular 2011-011 (10/13/2011)
	Order Entry Protection	Information Circular 2013-001 (01/08/2013)
A6	Support all features described above plus Complex Order	Information Circular 2012-003 (02/06/2012) Information Circular 2013-005 (03/01/2013) Information Circular 2013-023 (09/04/2013) SAIL Specifications Guide v2.1

FIX

Participants must contact the BOX Market Operations Center to have their connections configured for the specific Protocol versions. Protocol versions prior to "A7" will be decommissioned.

Protocol Version	Features	References
Flags	Make or Take Flag in the Execution Message	Technical Notice 08-006 (11/26/2008) Technical Notice 08-042 (12/10/2008)
	Billing Flags	Technical Notice 10-004 (02/25/2010)
	Order Quantity Modification Management	Technical Notice 11-003 (06/17/2011)
	Solicitation and Facilitation Auction Mechanisms for Block Trades	Information Circular 2011-007 (09/30/2011)
	Customer Cross Orders	Information Circular 2012-004 (02/13/2012)
A5	Pending Cancel Acknowledgment	Information Circular 2011-010 (10/06/2011)
	Participant Trade Prevention	Information Circular 2011-011 (10/13/2011)
	Order Entry Protection	Information Circular 2013-001 (01/08/2013)
A6	Complex Order Support	Information Circular 2012-003 (02/06/2012) FIX Specifications Guide v3.6

Protocol Version	Features	References
A7	Support all features described above plus Unique Trade ID	Information Circular 2013-005 (03/01/2013) Information Circular 2013-005 (03/01/2013) Information Circular 2013-023 (09/04/2013) FIX Specifications Guide v3.8

HSVF – Market Data Feed

Participants specify the HSVF protocol version when the HSVF connection is established. Protocols "C1", "C2" and, "C3" will be decommissioned.

Protocol Version	Features	References
C1 (or blank)	Base Protocol Version not including changes described in C2 and C3.	n/a
C2	Trade Through Exemption Modifiers. PIP Duration with 1/100 th -Second Precision. ISO Inbound.	Technical Notice 09-010 (08/27/2009)
C3	Solicitation and Facilitation.	Information Circular 2011-007 (09/30/2011)
C4	Support all features described above plus Complex Order	HSVF Specification Guide v3.5

ATR – Automatic Trade Report Feed

Participants connect to a specific port depending on the version they want to receive. Version on port 20200 will be decommissioned.

Version	Features	References
On Port 20200	Give-Up, Solicitation/Facilitation and 4-digit Clearing Member Number.	Information Circular 2011-007 (09/30/2011) ATR Specifications Guide v1.11
On Port 20290	Support all features described above plus Unique Trade ID	Information Circular 2013-005 (03/01/2013) ATR Specifications Guide v1.13

Contact

Please contact the Market Operations Center at (866) 768-8845 or by e-mail at BOXMOC@bostonoptions.com to schedule your re-certification session or should you require any additional information.