TO:	**BOX Options Participants**
FROM:	**BOX Market Operations Center**
SUBJECT:	**SOLA® Old Protocols Decommission**
DATE:	**May 23, 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 Friday **November 15, 2013**. Starting 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** and higher	Specifications v2.0 and higher
FIX	Order Entry	**A7** and higher	Specifications v3.7 and higher
HSVF	Market Data Feed	**C4** and higher	Specifications v3.4 and higher
ATR	Trade Report feed (Drop copy)	Port **20290**	Specifications v1.13 and higher

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*)
A1	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*)
A2	Customer Cross Orders	Information Circular 2012-004 (*02/13/2012*)
A5	Market Maker Protection	Information Circular 2011-010 (*10/06/2011*)
A5	Pending Cancel Acknowledgment	Information Circular 2011-010 (*10/06/2011*)
A5	Participant Trade Prevention	Information Circular 2011-011 (*10/13/2011*)
A5	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*) **SAIL Specifications Guide v2.0**

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*)
Flags	Billing Flags	Technical Notice 10-004 (*02/25/2010*)
Flags	Order Quantity Modification Management	Technical Notice 11-003 (*06/17/2011*)
Flags	Solicitation and Facilitation Auction Mechanisms for Block Trades	Information Circular 2011-007 (*09/30/2011*)
Flags	Customer Cross Orders	Information Circular 2012-004 (*02/13/2012*)
A5	Pending Cancel Acknowledgment	Information Circular 2011-010 (*10/06/2011*)
A5	Participant Trade Prevention	Information Circular 2011-011 (*10/13/2011*)
A5	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
A7	**Support all features described above plus Unique Trade ID**	Information Circular 2013-005 (*03/01/2013*) **FIX Specifications Guide v3.7**

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 1/100th-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 v3.4**

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.