

NASDAQ OMX PHLX

[Updated Connection IP Addresses and Symbol Ranges for TOPO and PHLX Orders Data Feeds](#)

PHLX will offer connectivity verification and test data transmissions for the above rebalanced symbols for the TOPO and PHLX Orders data feeds on the following dates:

Connectivity verification:

- Starting **Thursday, December 3rd, 2009** and continuing during business hours on each subsequent trading day through **Friday December 11th, 2009** firms can verify transmission capability of the new TOPO and TOPO Plus Orders source addresses and ports by verifying the receipt of heartbeats.

Test data transmissions:

- On **Saturday, December 5th, 2009**, and **Saturday, December 12th, 2009**, participating firms will receive test data transmissions for symbols at the boundaries of the new distribution ranges. The December 12th, 2009 testing will coincide with the OSI Symbology Test.
- The option symbol (and associated underlying) to be used on these test dates will be as follows:

A – D (Ring1)

- OPRA Symbol=QZNAX Root=QZN Strike=125 Exp Month=1 Exp Day=16 Exp Year=2010 Call/Put=C Underlying=AMZN
- OPRA Symbol=DLYLC Root= DLY Strike=15 Exp Month=12 Exp Day=19 Exp Year=2009 Call/Put=C Underlying=DELL

E – J (Ring2)

- OPRA Symbol=QXBLC Root=QXB Strike=15 Exp Month=12 Exp Day=19 Exp Year=2009 Call/Put=C Underlying=EBAY
- OPRA Symbol=JBXLB Root=JBX Strike=10 Exp Month=12 Exp Day=19 Exp Year=2009 Call/Put=C Underlying=JACK

K – R (Ring3)

- OPRA Symbol=KEYXH Root=KEY Strike=11 Exp Month=12 Exp Day=19 Exp Year=2009 Call/Put=P Underlying=KEY
- OPRA Symbol=NJUML Root=NJU Strike=160 Exp Month=1 Exp Day=16 Exp Year=2010 Call/Put=P Underlying=RIMM

S – Z (Ring4)

- OPRA Symbol=CYYXF Root=CYY Strike=110 Exp Month=12 Exp Day=18 Exp Year=2010 Call/Put=P Underlying=SPY
- OPRA Symbol=ZUOOV Root=ZUO Strike=12.50 Exp Month=3 Exp Day=20 Exp Year=2010 Call/Put=P Underlying=ZRAN