



## BATS BYX Exchange, BZX Exchange and BATS Options Exchange Data Center Migration Update

### Overview

As previously announced, BATS BYX Exchange, BZX Exchange and BATS Options Exchange will be moving from the SAVVIS NJ2 data center in Weehawken, NJ to the Equinix NY5 data center in Secaucus, NJ in the 2<sup>nd</sup> quarter of 2015. Live trading will continue on the respective Weehawken (NJ2) platform until the migration schedule is complete.

The information that follows as well as any further updates related to this migration will be posted to the [NY5 Migration page](#) on our public web site.

### Migration Schedule

Please be advised that BATS has reserved the following dates for the production trading cutover and Member weekend test opportunities of the new trading platforms located in the Equinix NY5 data center in Secaucus, NJ.

- Saturday, February 21<sup>st</sup> – Weekend Testing of BYX / BZX / Options
- Saturday, March 28<sup>th</sup> – Weekend Testing of BYX / BZX / Options
- Saturday, April 11<sup>th</sup> – Weekend Testing of BYX / BZX / **(final testing opportunity for Options)**
- **Monday, April 13<sup>th</sup> – Migration Day for BATS Options**
- Saturday, May 2<sup>nd</sup> – Weekend Testing of BYX / BZX **(final testing opportunity)**
- **Monday, May 4<sup>th</sup> – Migration Day for BYX / BZX**

Weekend tests will take place from 9AM ET – 1PM ET and both the Trade Desk and the NOC will be available for Member support.

### Daily Testing Opportunity

Effective Monday, February 2<sup>nd</sup>, BATS plans to allow Members to trade TEST SYMBOLS ONLY in the new BYX / BZX NY5 environments from 8AM – 5PM ET Monday through Friday. The BATS Options NY5 environment will also be available to trade TEST SYMBOLS ONLY from 9:30 – 4:15PM ET.

### Test Symbols Available for Trading in NY5

The defined list of test symbols to be supported in the new BYX / BZX environment is CBO, IBO, ZBZX, ZVZZT and ZWZZT.

Test symbols to be made available for BATS Options include the following:

BATS Symbol	OSI Symbol	BATS Symbol	OSI Symbol	BATS Symbol	OSI Symbol	BATS Symbol	OSI Symbol
00awLe	CBX 990101P000100	00awLb	CBX 990101C000200	00awL6	IBO 990101C000150	009eYL	ZTEST 990101P000150
00awLX	CBO 990101P000250	00awLa	CBX 990101C000150	00awL8	IBO 990101C000250	009eXx	ZBZX 990101P000050
00awLT	CBO 990101P000050	000u5G	BTEST 990101C000050	00awLE	IGZ 990101C000050	009eYJ	ZTEST 990101P000100
00awLU	CBO 990101P000100	000u5O	BTEST 990101C000250	00awLF	IGZ 990101C000100	009eY3	ZBZX 990101P000200
000u5J	BTEST 990101P000100	000u5M	BTEST 990101C000200	00awLG	IGZ 990101C000150	009eY1	ZBZX 990101P000150
000u5P	BTEST 990101P000250	000u5K	BTEST 990101C000150	00awLH	IGZ 990101C000200	000u5A	ZVZZT 990101C000150

00awLh	CBX 990101P000250	000u5I	BTEST 990101C000100	00awLI	IGZ 990101C000250	000u58	ZVZZT 990101C000100
00awLd	CBX 990101P000050	00awLO	CBO 990101C000050	00awL4	IBO 990101C000050	009eXw	ZBZX 990101C000050
000u5N	BTEST 990101P000200	00awLP	CBO 990101C000100	00awL5	IBO 990101C000100	009eXy	ZBZX 990101C000100
000u5H	BTEST 990101P000050	00awLQ	CBO 990101C000150	00awL7	IBO 990101C000200	009eY0	ZBZX 990101C000150
000u5L	BTEST 990101P000150	00awLC	IBO 990101P000200	009eYH	ZTEST 990101P000050	009eY4	ZBZX 990101C000250
00awLg	CBX 990101P000200	00awLD	IBO 990101P000250	000u57	ZVZZT 990101P000050	009eYK	ZTEST 990101C000150
00awLV	CBO 990101P000150	00awLJ	IGZ 990101P000050	000u59	ZVZZT 990101P000100	009eY2	ZBZX 990101C000200
00awLW	CBO 990101P000200	00awLK	IGZ 990101P000100	000u5B	ZVZZT 990101P000150	009eYM	ZTEST 990101C000200
00awLf	CBX 990101P000150	00awLL	IGZ 990101P000150	000u5D	ZVZZT 990101P000200	009eYI	ZTEST 990101C000100
00awLc	CBX 990101C000250	00awLM	IGZ 990101P000200	000u5F	ZVZZT 990101P000250	009eYO	ZTEST 990101C000250
00awLS	CBO 990101C000250	00awLN	IGZ 990101P000250	009eYP	ZTEST 990101P000250	009eYG	ZTEST 990101C000050
00awLY	CBX 990101C000050	00awL9	IBO 990101P000050	009eY5	ZBZX 990101P000250	000u56	ZVZZT 990101C000050
00awLZ	CBX 990101C000100	00awLA	IBO 990101P000100	009eXz	ZBZX 990101P000100	000u5E	ZVZZT 990101C000250
00awLR	CBO 990101C000200	00awLB	IBO 990101P000150	009eYN	ZTEST 990101P000200	000u5C	ZVZZT 990101C000200

### NY5 Logical Port Information

To simplify the migration process for Members, logical ports **and** port attributes for sessions existing in the active NJ2 datacenter for each exchange will continue to be replicated to the NY5 data center until the migration has been completed. Sender IDs, Target IDs and port numbers will be maintained across data centers, but **IP addresses will be different for the NY5 sessions**.

Please refer to the [Ports](#) tab in the BATS Member Web Portal for NY5 IP address information for each existing logical session. From the respective Exchange tab in the Ports tool (i.e. U.S. BZX Equities, U.S. BYX Equities, or U.S. Options), you may obtain the NY5 IP address for your logical ports by clicking on the “**More Options**” drop-down in the upper right hand section of the window and selecting the “**View Port Connection Info**” menu item. You can identify a logical session’s NY5 IP address in the “**Primary IP (NY5)**” column. This new column will be made available on the effective date.

### NY5 Physical Port Information

Members that have already obtained physical connectivity to the new EDGA and EDGX platforms in the NY5 data center may also use this physical connectivity to access the new BYX, BZX and Options trading platforms located in NY5. Contact the [BATS NOC](#) at 913-815-7005 to discuss new physical connectivity requirements or considerations.

To order new physical connections to BATS in NY5, Members must use the **Physical Connection Request** web form located within the BATS Member Web Portal. Note that only Members with BATS Member Web Portal access that are designated by their firm to have access for requesting new ports will be able to utilize this form. Access to the BATS Member Web Portal can be obtained by contacting the [BATS Trade Desk](#).

### Port Fees

BATS will not be assessing logical connectivity fees for Member connections into the new environments being deployed in NY5 until the respective markets’ production environments have been decommissioned in their existing data center and are fully functional within NY5.

Port fees for existing production platforms can be found within the [Fee Schedules](#) on our public web site.

### Latency Equalization within Equinix NY4 and NY5 Data Centers

BATS has engineered equal fiber length and latency for Members within either the NY4 or NY5 data center. When connecting to any BATS market (EDGA/EDGX/BZX/BYX/Options) in NY5 from either data

center, the fiber between each Member's data center space to the BATS markets in NY5 will be equidistant as verified through optical testing.

Please note that Members connecting to a BATS market in NY5 from either NY4 or NY5 will be required to utilize a Single Mode Fiber connection. Members with existing physical connections of any type to legacy EDGA/EDGX infrastructure within NY4 will be supported, but will have higher latency than any new connections regardless of proximity to the EDGA/EDGX data center space in NY4. In order to receive equal latency, Members with existing physical connections within NY4 will need to establish new connections to BYX/BZX/Options.

It is also worth mentioning that BATS will maintain Weehawken (NJ2) as a network Point-Of-Presence (PoP) after the migration is complete. Thus, existing physical connections to BATS in NJ2 will be allowed to access any BATS exchange (EDGA/EDGX/BZX/BYX/Options) even after it has migrated to NY5.

### **More Information**

Please contact the BATS Trade Desk or your [Director of Sales](#) with any questions. We appreciate your continued support of BATS and look forward to earning more of your business. As always, we are committed to our Members and to Making Markets Better.

#### **BATS Trade Desk**

913.815.7001

[tradedesk@bats.com](mailto:tradedesk@bats.com)