

### **Cboe Options Exchange Implements Automated Halt Process During GTH for Certain Proprietary Index Options**

Today, Cboe Options Exchange replaced the manual halt and reopening process with an automated system for SPX and VIX options during Global Trading Hours (GTH). The automated system halt and reopening process applies when Cboe detects a halt message from CME indicating the Dynamic Circuit Breaker has been triggered for any SPX or VIX related futures (currently CME S&P 500 E-Mini futures) on CME during CME Overnight Trading hours (OTH), and trading will halt for related index options for two minutes. Alternatively, trading halts will occur for related index options for 10 minutes when Cboe receives a top of book update from CME indicating SPX or VIX related futures have reached a limit state during CME OTH. See the [Tradedesk Update](#).

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### **Cboe Equities Exchange Introduces Hard to Borrow List Functionality**

On **Wednesday, September 29**, Cboe-affiliated U.S. equities exchanges will provide members with a Hard-to-Borrow List, pending regulatory approval. The list will be available via the Port Controls tool in the U.S. Customer Web Portal application and Secure Web API and will allow members to specify individual securities that are unavailable for short sales. The Secure Web API will add several commands to the Port Controls Service to support the Hard-to-Borrow List functionality.

If a firm enables the Hard-to-Borrow List, the system will only reject any incoming short sell orders for symbols on that list. If the list is present and the security is not on the list, the short sell order will be accepted. Testing is currently available in the Cboe Equities Exchanges certification environments. See the [Tradedesk Update](#).

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### **Cboe Europe Equities Annual Disaster Recovery Test**

Cboe Europe will conduct its annual disaster recovery (DR) test for the production BXE, CXE, DXE, TRF and SIS environments on **Saturday, October 2**. The purpose of DR testing is for Cboe Europe to simulate various DR failover scenarios, including a test of market failover from its primary data center at Equinix Slough (LD4) to its secondary data center at Equinix Park Royal (LD3). Participant attendance is not mandatory but is strongly recommended as this exercise gives participants the opportunity to observe how their trading, quoting, trade reporting and market data applications would function in the event of a DR incident at Cboe. See the [Tradedesk Update](#).

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### **Cboe Equities Exchanges Changes to Pre- and Post-Market Re-Openings**

Effective **Wednesday, October 6**, all Cboe-affiliated U.S. equities exchanges will harmonize the re-opening process following a trading halt, suspension or pause during the pre- and post-market sessions. This process will apply to non-Cboe-listed securities on Cboe BZX Equities Exchange, and to all securities on Cboe BYX, EDGA and EDGX Equities Exchanges. Testing is currently available in the Cboe Equities Exchanges certification environments. See the [Tradedesk Update](#).

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## **Cboe Options Exchange Announces Availability of Production Test Symbol Trading During Extended Trading Hours**

Beginning **Sunday, October 10**, Cboe Options Exchange will support live Sunday through Friday production testing with designated test symbols during the extended GTH session. Cboe also plans to host two additional holiday testing opportunities. Several test classes will be supported and configured to mimic the behavior of proprietary VIX and SPX Index options products.

Only series in the classes mentioned in the Tradedesk notice with an expiration of 2099-01-01 and strike prices of \$5.00, \$10.00, \$15.00, \$20.00 and \$25.00 will be supported during testing. Additionally, a list of supported test symbols that may be used for the extended GTH session testing will also be made available. See the [Tradedesk Update](#).

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## **CFE Enhances Indicative Daily Settlement Price Dissemination**

Effective **Sunday, October 17**, for business date **Monday, October 18**, Cboe Futures Exchange (CFE) will enable the dissemination of periodic Indicative Daily Settlement Prices (DSPs) on the CFE Multicast PITCH and Multicast TOP market data feeds for symbols with DSPs that are calculated using the Volume Weighted Average Price (VWAP) methodology. The VWAP methodology is currently used to calculate the DSPs for VIX futures contracts. The new price data will be provided in addition to the currently provided indicative daily settlement price data. Testing will be available in the CFE certification environment beginning **Sunday, September 26**. See the [Tradedesk Update](#).

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## **CFE Announces New Open Interest Message on Multicast PITCH and TOP Market Data Feeds**

Also effective **Sunday, October 17**, for business date **Monday, October 18**, CFE will start sending a new message type, labeled *Open Interest*, over the CFE Multicast PITCH and TOP market data feeds at approximately 10:00 p.m. CT upon receipt of CFE open interest information from the OCC. This new message will enable CFE to disseminate CFE open interest information as soon as it becomes available. Please note that dissemination of open interest data from Friday trading will not be disseminated until the following Sunday. Testing will be available in the CFE certification environment beginning **Sunday, September 26**. See the [Tradedesk Update](#).

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### ***Please Feel Free to Contact Us***

*We encourage your input on these and other exchange matters. You may email us at [TillyE@cboe.com](mailto:TillyE@cboe.com) and [Chris@cboe.com](mailto:Chris@cboe.com).*