



Update - Cboe BZX and EDGX Options Exchanges to Increase Frequency of Symbol Mapping Messages within 5G-Shaped Multicast PITCH Feeds

Overview (UPDATED)

Beginning **February 20, 2018**, the Cboe BZX and EDGX Options Exchanges will begin increasing the frequency by which *Symbol Mapping* messages are sent over the 5 Gigabit-Shaped (“5G-Shaped”) single leg Multicast PITCH feeds. During this time, Data Recipients subscribed to this feed will begin to see an accelerated rate of updates gradually across matching units until implementation is complete **on March 9, 2018**.

The change will allow members who consume the 5G-Shaped Multicast PITCH feeds to receive the full list of symbols in approximately 5 minutes, and will allow for optimal distribution in situations where market data is susceptible to throttling as a result of high message burst rates. All 1 Gigabit-Shaped (“1G-Shaped”) feeds will continue to complete the full loop of *Symbol Mapping* messages in approximately 30 minutes.

Technical Details (UPDATED)

Symbol Mapping messages are used to map the 6 character multicast feed symbol field to an OSI symbol and are sent continuously throughout the day as bandwidth allows.

It is important to note that in order to receive 5G-Shaped Multicast PITCH Options Exchange Data, Data Recipients are required to have dedicated 10G connectivity in place.

This change may also result in multiple *Symbol Mapping* messages appearing under a single *Sequenced Unit Header* where the Hdr Sequence is always set to zero.

More Information

More information on the *Symbol Mapping* messages can be found within the following technical specification:

- ❖ [US Equities/Options Multicast PITCH](#)
- ❖ [US Equities/Options Connectivity Manual](#)

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Cboe Trade Desk

913.815.7001

tradedesk@cboe.com