



**Cboe Europe**

# **Disaster Recovery Testing Guide**

**13<sup>th</sup> July 2019**



## **Summary**

This document provides the detailed schedule of Cboe Europe (Cboe) disaster recovery testing on 13<sup>th</sup> July 2019.

## **Participants should note:**

- The scope of the day's testing will include the Production (LD4) and DR (LD3) BXE and CXE lit order books and ETR services including the Trade Reporting GUI. The TRF and SIS environments including the Trade Reporting GUI will also be available for testing.
- TCP and Multicast PITCH market data will be published throughout the day.
- All live symbols will be available for order and trade report submission.
- Cancels or amendments of trade reports will not be available for testing.
- No trades will be submitted to CCPs for Clearing or Settlement.
- No pegged orders or book to book routing will be available for testing.
- No Cboe LIS service available on the day.
- For BXE & CXE environments at LD4, the day will commence with an increasing load test allowing participants to test their market data consumption capabilities. After load testing there will be a sustained low market data load.
- Simulated market data load will be distributed in the following symbols only:  
AABc, ADBm, AGROI, AMSe, ASCo, BASd, BIRGi, BORGs, EDFp, EFGNz, EGLu, ERBAGk, HOp, JEOI, LHAd, MTa, NOKIAh, OHLe, OTPk, PZUw, SIPb, UKWI, VODI, ZAGv
- Load testing will be repeated after failover to the secondary data centre (LD3).
- Redundancy testing at the primary data centre (LD4) will be conducted by Cboe. Unsolicited cancellations of open orders will result from this testing.
- The A/An and C/Cn multicast feeds will be shut down as part of the redundancy testing to allow participants to fail over their ticker plants to B/Bn and D/Dn feeds.
- Participants can view their secondary data centre (LD3) IPs, Ports, and session ID information at any time via the [Ports Dashboard](#) view of the member portal.
- At the end of the testing day Participants should clear down their applications to ensure any unwanted data from this weekend test is not retained in their trading systems on the following Monday morning.



### Expected Schedule of Activities:

Time (UK time)	Activity
06:30	Logical ports available for connectivity
07:00	NOC & Trade Desk available
07:30	Conference bridge opens
08:00	<b>Start of trading, simulated load commences</b>
08:30 - 08:45	Light simulated load
08:45 - 09:00	Medium simulated load
09:00 - 09:05	<b>Heavy simulated load</b>
09:05	Background simulated load commences
09:15 - 10:30	Cboe performs failure testing at LD4
10:30 - 11:00	Intermission & contingency
11:00	<b>Cboe commences LD4 to LD3 data centre failover</b>
11:15	BXE available for trading @ LD3
11:30	CXE available for trading @ LD3
11:45	TRF available @ LD3
12:00	SIS available @ LD3
12:00	<b>LD3 simulated load commences</b>
12:15 - 12:30	Light simulated load
12:30 - 12:45	Medium simulated load
12:45 - 13:00	<b>Heavy simulated load</b>
13:15	End of trading - Conference bridge closes

### Support

Trade Desk: [TradeDeskEurope@cboe.com](mailto:TradeDeskEurope@cboe.com) +44 20 7012 8901

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