

Alternative Site Recovery Test Update

The purpose of this Technical Notice is to provide additional information to clients participating in the Turquoise Alternate Site Recovery (ASR) Test, which is taking place on Saturday 13 February 2016.

The test involves simulating a disruption to the live service serious enough to warrant a controlled shutdown of the systems at Turquoise's Primary Site, followed by subsequent recovery of systems at the Alternate Site. The aim of this exercise is to test the following:

- the technical process of recovery and sequence of events during this process
- the process of suspension and restoration of the market
- the communications between Turquoise and participants during recovery
- the ability of participants to connect to the Alternate Site and trade as normal
- Turquoise will undertake some intraday reference data actions which will include the halt and resume of instruments.

Whilst this test is not mandatory, all clients are strongly recommended to participate as it provides the opportunity to familiarise themselves with Turquoise's ASR recovery procedures, and to confirm that their systems are able to connect to the Alternate Site and process relevant messages generated by the above actions.

Services Available

The following gateways will be tested in the ASR; Native Trading, FIX Trading, Post Trade, Drop Copy, MITCH Multicast (B feed only at SDC) and Unicast, SFTP/FTP.

Reference data files will not be generated for the ASR test. Clients are advised to use Monday's reference data files which are available from 18:00 Friday from the website or FTP servers.

ASR Contact Details

The following teams are available for contact on the test day:

Client Support (available from 07:30 – 12:30)

Email: support@lseg.com

Tel: +44 (0)207 797 1500

Technical Account Management (available from 07:30 – 13:00)

Email: londontam@lseg.com

Tel: +44 (0)207 797 3939



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Market Operations (available from 10:30 – 13:00)

Email: market.operations@tradeturquoise.com

Tel: +44 (0)207 382 7676

The ASR test is expected to follow the schedule described in the table below.

| Time (GMT) | Description |
|---------------|---|
| 07:30 onwards | Connectivity to all Turquoise Millennium gateways at PDC |
| 08:00 – 08:45 | All markets open: continuous trading and publication of market data. Participants requested to submit orders for execution. |
| 08:45 – 10:45 | Disaster invoked. All markets closed: continuous trading and publication of market data ceases. Access to Turquoise at PDC is disabled. Invocation of SDC begins. |
| 10:45 onwards | Connectivity to selected Turquoise Millennium gateways at SDC. Native Trading 05 and Native Trading 06 will not be available |
| 11:15 – 12:30 | All markets open: continuous trading and publication of market data via secondary (B) feed only. Participants requested to submit orders for execution and Turquoise market actions |
| 12:30 – 15:00 | All markets closed. Access to Turquoise at SDC is disabled and rollback to PDC begins. |
| 15:00 onwards | End of day. TCP telnet availability of Turquoise Millennium gateways and UDP multicast heartbeats disseminated from PDC. |

Please note that all times shown in the schedule above are indicative and are subject to change on the day. Confirmation of when the gateways will be available for clients to connect at SDC and any changes to the schedule, including intraday reference data actions will be posted on the Weekend Activity Monitor.

Weekend Activity Monitor

Clients will be informed of the day's progress, via the weekend activity monitor, which can be accessed at the link below:

<http://wam.londonstockexchange.com/weekendactivitymonitor/>

Registration and Sign Off

If you would like to participate in this test, please contact either your Technical Account Manager or the Technical Account Management team and confirm your participation by **midday Thursday 11 February 2016**. Clients should provide sign off via email on the test day once testing is complete and they are successfully functioning at SDC.