X-pand into the Future

eurex circular 054/17

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Recipients: All Trading Participants of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Randolf Roth

T7 Release 5.0: Important information for production start

Related Eurex circulars: 070/16, 105/16

Contact: Group Client Key Account Management, T +49-69-211-1 31 18, customer.readiness@eurexchange.com

Content may be most important for:	**Attachments:**
➲ All departments	none

Summary:

Deutsche Börse Group will launch Release 5.0 of the T7 trading system on **19 June 2017**.

The connection test for T7 Release 5.0 will take place on Saturday, **17 June 2017,** between 16:00 CET and 18:00 CET. Participation in the connection test is strongly recommended for all Participants and Multi-Member Service Providers.

This circular outlines the most important topics for the go-live preparation that should be considered for the production launch of T7 Release 5.0 as well as details about the connection test.

Participants are requested to complete and return the production Readiness Statement and to register a technical contact for the connection test both not later than Tuesday, **13 June 2017**.

T7 Release 5.0: Important information for production start

1. Overview

Deutsche Börse Group will launch Release 5.0 of the T7 trading system on 19 June 2017. Together with the introduction of Release 5.0, Deutsche Börse Group's cash market trading will also be migrated to the modern T7 trading platform. In the first phase, continuous trading in CCP-eligible shares, ETFs and ETPs on Xetra® will be migrated to T7.

For derivatives markets, the migration to Release 5.0 for both the T7 and T7/FX production environments, containing the new features for the Eurex and EEX markets, will be performed during the migration weekend in preparation for the start of trading on 19 June 2017.

For cash markets, the technical migration will be performed on 19 June 2017 without activating any cash market components of T7 on that business day. The migration of the corresponding cash market instruments will be performed at a later date.

- 26 June 2017 Trading of ETCs (optional for Xetra Members)
- 3 July 2017 Trading of all cash market products (mandatory for all Xetra Members)

For more detailed information on the T7 cash market migration, please refer to Xetra circular 053/17 and the final Technical Release Notes which are available on the Xetra website www.xetra.com under the link:

Technology > T7 trading architecture > System documentation

For derivatives markets, T7 Release 5.0 will introduce the Market-on-Close ("MOC") functionality for equity index futures. The activation of the MOC functionality will however take place at a later point in time (expected in September 2017) and will be announced in a separate circular. Additional functional and technical enhancements will also be implemented with T7 Release 5.0 including changes to the trading and to the market and reference data interfaces. An overview of the functional and technical changes is as follows:

- Market-on-Close functionality (activation date expected in September 2017)
- New ETI version ("5.0")
- Introduction of a Market Concept to Sessions
- Enhanced processing of incoming transactions on High Frequency gateways
- Enhancement of Order Execution Response and Notification
- Enhancement of Approve TES Trade Broadcast
- Extended FIX Compliance
- Report changes regarding TE545, TE930, RD115 and RD125 effective on 19 June 2017
- Reports RD110, RD115, RD120, RD125, RD130, RD135, RD140, RD145 and RD155 will be provided with a common layout for all markets supported by the T7 platform (effective on 3 July 2017)

The new functionality will be launched together with the Release 5.0 introduction on 19 June 2017. As a result of the new functionality, the following interfaces will be changed with T7 Release 5.0:

- Eurex Enhanced Trading Interface (backwards compatibility to version "4.0" **only** will be provided)
- Eurex FIX Gateway (**not** backwards compatible)
- Eurex Market and reference data interfaces (**not** backwards compatible)
- T7 Trader GUI and T7 Admin GUI
- Reports

Please refer to the dedicated document “T7 Release 5.0 Final Release Notes” for a full overview of both the new and changed functional scope.

The document is available on the Eurex website www.eurexchange.com under the link:

Technology > Eurex Exchange’s T7 > System documentation > Release 5.0 > Overview and Functionality

2. Preparations for Friday, 16 June 2017

On Friday, 16 June 2017, T7 Release 4.0 will be in production for the last time. Reports for the business day 16 June 2017 are expected to be delivered at the usual time.

On Saturday, 17 June 2017, Deutsche Börse Group will convert the T7 and T7/FX production systems to Release 5.0 and reference data for the business day 19 June 2017 will be available via RDI and RDF.

3. Connection test for T7 Release 5.0 on 17 June 2017

The T7 Release 5.0 connection test will be conducted on Saturday, 17 June 2017, between 16:00 CET and 18:00 CET. Participation in the connection test is strongly recommended for all Eurex Participants and Multi-Member Service Providers in order to ensure connectivity for the start of trading on Monday, 19 June 2017. Please make sure that a staff member will be available to perform the login to the T7 production system (e.g. T7 Trader and/or Admin GUI and third party applications).

At this time, the T7 production system will be available for connectivity testing on the RDI, ETI, MDI, EMDI and EOBI interfaces and via T7 Admin GUI and T7 Trader GUI. The FIX gateways will be available for session login only (no other requests will be possible). No order and quote entries will be possible. Heartbeats via the market data interfaces will be disseminated.

Service Administrators will also be able to maintain user settings.

The connection test can be regarded as successful when

- a message “Connection Test T7 <hh:mm:ss>” appears with an increasing sequence number in the Market News view (News Board) of the T7 Trader GUI and the T7 Admin GUI.
- a successful session and trader login via ETI has been performed.
- MDI/EMDI/EOBI heartbeats have been received.

Deutsche Börse Group will inform Participants about the general progress of the connection test via Implementation News on the Eurex website www.eurexchange.com available under the link:

Technology > Eurex Exchange’s T7 > Implementation news

Following the end of the connection test, T7 Release 5.0, with the exception of the FIX gateways, will remain available throughout the weekend but will be unattended.

4. Monday, 19 June 2017: Production start

The first trading day with T7 Release 5.0 will start at 06:00 CET as usual. Orders entered until 16 June 2017 (end of trading) but not executed, will continue to be available on 19 June 2017, unless other validity restrictions were set.

A list of items that are relevant prior to the production start of T7 Release 5.0 will be provided as of 19 June 2017. This "Known Limitations" list will be available on the Eurex website www.eurexchange.com under the link:

Technology > Eurex Exchange's T7 > System documentation > Release 5.0 > Production

5. Technical contact for the connection test

Please enter details of the contact person who will be available during the connection test in the Member Section of the Eurex website www.eurexchange.com (under "Release contacts") not later than Tuesday, 13 June 2017, under the link:

Member Section > Contacts > Release Contacts > New entry
(Category Technical Contact, and please make sure to check the box "T7 5.0")

This will ensure that Eurex will be able to reach you in any emergency situation between Saturday, 17 June 2017 and production start on Monday, 19 June 2017.

6. Provision of the Readiness Statement

We kindly ask all Trading Participants, ISVs and Multi-Member Service Providers to acknowledge their readiness by providing the Readiness Statement until 12 June 2017 at the latest. The Readiness Statement is available on the Eurex website under the link:

Technology > Eurex Exchange's T7 > System documentation > Release 5.0 > Production

7. Contacts

The following hotlines will be available for any questions during the connection test or start of production:

- Customer Technical Support, Technical Key Account Manager via VIP number

If you have any questions or require further information on Eurex Exchange's T7 Release 5.0, please contact your dedicated Group Client Key Account Manager or send an e-mail to customer.readiness@eurexchange.com. Alternatively, please contact your Technical Key Account Manager using your VIP number or via e-mail to cts@eurexchange.com.

2 June 2017