Xetra Circular 046/08

DEUTSCHE BÖRSE

To all Trading Members admitted at Frankfurt Stock Exchange and Vendors

Recipients: Traders, Technical Contacts, Security Administrators, System Administrators, Project Coordinators, General

Deutsche Börse AG

Neue Börsenstraße 1
60487 Frankfurt/Main

Mailing address
60485 Frankfurt/Main

Phone
+49-(0) 69-2 11-1 93 33

Fax
+49-(0) 69-2 11-1 16 41

Internet
deutsch-boerse.com

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Xetra Release 9.0
Time Schedule prior to the Release Introduction
Production Introduction: Provision of Reference Data File

Dear Sir or Madam,

We are writing to inform you about the schedule for the migration week-end prior to the production launch of Xetra Release 9.0 and supply details regarding provision of the Reference Data File.

Time schedule prior to the release introduction

Enclosed with this circular, we are providing the time schedule prior to the Xetra Release 9.0 introduction. Please pay attention to the activities referring to order deletion in XONTRO and Xetra in instruments that will be migrated to Xetra Frankfurt 2.

More information about the Xetra Release 9.0 introduction will be communicated by means of a circular on April 14, 2008.

The items on the schedule have also been published as a checklist in the Xetra/Floor Members Only area on the website of Deutsche Börse Group www.deutsche-boerse.com. To download your personal copy, please visit:

Trading & Clearing > Members Only > Xetra/Floor > Xetra Information > Xetra Documentation > Xetra 9.0 > Functional

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Frankfurt/Main

Production introduction: Provision of Reference Data File

With Xetra Release 9.0, Deutsche Börse AG offers a new service for the distribution of the Reference Data File (ref.dat) for Xetra Frankfurt 2. In addition to the distribution via the MISS, the Xetra Reference Data File, which is expected to be up to 100 MB, will be available for download via the internet for intraday re-start purposes, in order to prevent the necessary download network traffic from concurring with the productive message traffic on shared lines.

Based on the expected size of the ref.dat file, the following measures are taken to mitigate the impact of long transfer times:

1. Early ref.dat distribution (after 3:00 a.m. CET)
The transfer of the Xetra Frankfurt 2 ref.dat file will be scheduled for 3:00 a.m. CET to avoid impacts on reports distribution.

2. Block transfers to certain devices
With Xetra Release 9.0, a mechanism will be introduced to enable "blocking" the transfer of the reference data files (ref.dat and member split file). For each MISS, members will be able to decide whether the Reference Data File should be received or not. Since the Xetra architecture (BESS) cannot start without the respective daily reference data files for each back-end instance, members will need to copy the files from one MISS to another via solution/procedure developed in-house.

For details on the configuration of the blocking mechanism, please refer to the Xetra Front End Operations Guide. Blocking of the transfer can be tested in simulation immediately.

3. Shaping of 2 Mbit/s and 1Gbit/s connections
Both Xetra full 2 Mbit/s and 1 Gbit/s connections have been shaped as follows:

- Xetra Frankfurt: guaranteed bandwidth 94 %
- Xetra Frankfurt 2: guaranteed bandwidth 3 %
- FTP: guaranteed bandwidth 3 %

This means that Xetra Frankfurt trading has always priority. Xetra Frankfurt 2 and FTP use the bandwidth competitively. With this configuration, FTP can use the whole bandwidth capacity after end of trading.

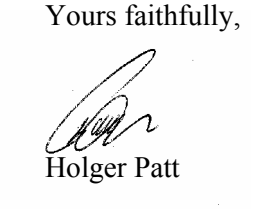
4. Provision of ref.dat file via internet download in the Members Only section
A fallback solution for intraday architecture problems on member side is to download the ref.dat from the Members Only section of the website www.deutsche-boerse.com, if required. This download can be tested in simulation from March 28, 2008 onwards via the following path:

Trading & Clearing > Members Only > Xetra/Floor > Service Point > Downloads > ref.dat

For any questions you may have or for further information you require please contact the Xetra Release 9.0 Simulation Helpdesk at tel. +49-(0)69-2 11-1 93 33.

For inquiries with technical background please call Customer Technical Support Xetra at tel. +49-(0)69-2 11-1 84 00.

Yours faithfully,



Holger Patt



Axel Birk

Enclosure

Enclosure: Time Schedule prior to the Release Introduction

Action	Period/as of (all times are CET)	Remarks
Friday, April 25, 2008		
Close of trading Xetra	April 25, 2008 17:30	Normal production
Order deletion in Xetra	April 25, 2008 17:30 - 18:00	During the "post-trade" trading phase, the instruments in TM04 are set to "HALT", existing orders are deleted by Market Supervision
Close of trading XONTRO	April 25, 2008 20:00	Normal production
Batch start Xetra and XONTRO	April 25, 2008 approx. 20:30	Normal production
Report distribution Xetra	April 25, 2008 approx. 21:30 – 23:00	Normal production. Distributed Xetra reports represent the status after order deletions including order deletion activities.
Saturday, April 26, 2008		
File transfer XONTRO	April 26, 2008 approx. 0:00	Comparison of order portfolio
Delivery of WM special file ("Sonderband")	April 26, 2008 10:00	Update of market segment and Specialist KV number for approx. 300,000 instruments
Connection test Xetra	April 26, 2008 14:00 – 17:00	Connection to Xetra Frankfurt and Xetra Frankfurt 2
Connection test XQS	April 26, 2008 14:00 – 17:00	
Re-connection test Xetra	April 26, 2008 17:00 – 17:30	
Monday, April 28, 2008		
System availability SAKI	April 28, 2008 As of 02:30	Normal production
Connecting of order management system to SAKI	April 28, 2008 as of 02:30	Normal production
Provision of event messages about change of market segment for all migrated categories. Event messages are sent for all categories with active orders.	April 28, 2008 as of 02:30	
Provision of XONTRO deletion messages for orders. All orders in categories to be migrated are deleted in XONTRO, due to the change of market segment (Message: deletion due to invalid market segment)	April 28, 2008 as of 02:30 (according to regular XONTRO processing)	Normal production
Re-entry via SAKI of orders deleted on April 25, 2008 in XONTRO	April 28, 2008 as of 02:30	
Re-entry via Xetra of orders deleted on April 25, 2008 in XONTRO	April 28, 2008 as of 07:30	Start of pre-trading phase
Start of trading Xetra	April 28, 2008 09:00	