X-pand into the Future

eurex circular 210/10

Date: Frankfurt, October 29, 2010
Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

Eurex Release 13.0: Simulation
1. Simulation Calendar from November 15, 2010 to January 30, 2011
2. Matcher / Host Failover Schedule and Test Scenarios

Contact: Member Services & Admission, tel. +49-69-211-1 17 00

Content may be most important for:	**Attachment:**
➲ Middle + Backoffice ➲ IT/System Administration	Eurex Release 13.0 Permanent Simulation Calendar from November 15, 2010 to January 30, 2011

Summary:

Attached to this circular we are providing the calendar for the permanent simulation of Eurex Release 13.0 from **November 15, 2010 to January 30, 2011**.

In general, simulation will be available continuously, including weekends.

Simulation time on batch days will be limited.

Detailed information on the simulation including a list of current simulation instruments and the current schedule for batch days can be found on the Eurex website under the path:

www.eurexchange.com > Member Section > Simulation > Eurex Standard Simulation

Please also note the information regarding planned matcher and host failover tests in Eurex Release 13.0 simulation on Wednesday, **November 17, 2010**, as described in the following.

For any further questions you may have, please do not hesitate to contact the Member Services & Admission team at tel. +49-69-211-1 17 00.

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Eurex Release 13.0: Simulation
1. Simulation Calendar from November 15, 2010 to January 30, 2011
2. Matcher / Host Failover Schedule and Test Scenarios

1. Eurex Release 13.0: Simulation Calendar from November 15, 2010 to January 30, 2011

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2. Matcher / Host Failover Schedule and Test Scenarios

In order to provide Members with the opportunity to perform tests of their own applications' failover behavior in the event of a host and matcher crash / failover in the Eurex® system, host and matcher failovers will be initiated in the Eurex Release 13.0 simulation environment on November 17, 2010 as described below:

Matcher crash / failover of the Eurex® system in the simulation environment

Wednesday, November 17, 2010: 16:00 CET: First matcher crash simulation, affected product: **FGBL**

Wednesday, November 17, 2010: 16:30 CET: Second matcher crash simulation, affected product: **ODAX**

During the first matcher crash at least the product FGBL and during the second at least the product ODAX will be affected. After crash of the respective matcher, it will be restarted immediately. The restarted matcher will take over the processing of all products which were served by the crashed one. Before starting its normal activities, the matcher initiates a Market Reset event for these products.

Up to four host crashes / failovers in the Eurex® system in the simulation environment

Wednesday, November 17, 2010: 17:00-18:00 CET

During the above-mentioned time, the simulation hosts will be shut down up to four times, so that the other hosts can take over the processes of the host which was shut down. As a consequence of these actions, the **source identifier (SrcId** = corresponding host number, the identifier of the message-disseminating source) will change each time the other host takes over, thus enabling Members to verify the failover behavior of their own application by identifying out-of-sequence or dropped / missing messages.

As a result, all non-persistent orders and quotes for products processed on the crashed host will be deleted from the system and the appropriate VALUES/OrderConfirmations/ordrTrnTypId="58"="Deletion due to Market Reset" and messages of Enhanced Transaction Solution / (Foreign Event) Mass Delete/TrnReasonCode="58" will be sent to MISS / Enhanced Transaction Solution sessions.

Please note:
For at least one host failover a fallback will be initiated. This means that the host will be restarted during trading and products normally served by it will be moved back to that host. A Market Reset will not take place in this case.

Members intending to participate in these tests are requested to enter orders (especially non-persistent orders) for above-mentioned products and check after the Market Reset if their applications received and properly processed the respective messages. The corresponding Enhanced Broadcast Solution streams will disseminate different source IDs and sequence numbers for the affected products after failover / fallback.

Frankfurt, October 29, 2010

Simulation Schedule Eurex Release 13.0
November 15, 2010 - January 30, 2011

Week 46	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**15.11.2010**	**16.11.2010**	**17.11.2010**	**18.11.2010**	**19.11.2010**	**20.11.2010**	**21.11.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 FENE, FVS, TOVS	Eurex 13.0 matcher crash / host failover test	Eurex 13.0 OSTK, FSTK, OINX, OEXD, HICP	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	16.11.2010	16.11.2010	18.11.2010	18.11.2010	23.11.2010	23.11.2010	23.11.2010

Week 47	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**22.11.2010**	**23.11.2010**	**24.11.2010**	**25.11.2010**	**26.11.2010**	**27.11.2010**	**28.11.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 FENE	Eurex 13.0	Eurex 13.0 FENE, F1PT, F2PE, FCER, FPIG, FHOG, FSEN, OSEN, OFEN, O2PE	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	23.11.2010	23.11.2010	25.11.2010	25.11.2010	30.11.2010	30.11.2010	30.11.2010

Week 48	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**29.11.2010**	**30.11.2010**	**01.12.2010**	**02.12.2010**	**03.12.2010**	**04.12.2010**	**05.12.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 **month-end** FENE, OGBL, OGBM, OGBS, FEO1, FCRD	Eurex 13.0	Eurex 13.0 FENE, OES1	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	30.11.2010	30.11.2010	02.12.2010	02.12.2010	07.12.2010	07.12.2010	07.12.2010

Week 49	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**06.12.2010**	**07.12.2010**	**08.12.2010**	**09.12.2010**	**10.12.2010**	**11.12.2010**	**12.12.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 FENE, F2EA, F2CR, FGBL, FGBM, FGBS, FGBX, FBTP, FBTS	Eurex 13.0	Eurex 13.0 O1BT, O1By	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	07.12.2010	07.12.2010	09.12.2010	09.12.2010	14.12.2010	14.12.2010	14.12.2010

Week 50	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**13.12.2010**	**14.12.2010**	**15.12.2010**	**16.12.2010**	**17.12.2010**	**18.12.2010**	**19.12.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 OEU3, FEU3, OKS2, FENE	Eurex 13.0	Eurex 13.0 FSTK, OSTK, FINX, OINX, FVS, TOVS, OEXD, FEXD, HICP	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	14.12.2010	14.12.2010	16.12.2010	16.12.2010	21.12.2010	21.12.2010	21.12.2010

Week 51	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**20.12.2010**	**21.12.2010**	**22.12.2010**	**23.12.2010**	**24.12.2010**	**25.12.2010**	**26.12.2010**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 FENE	Eurex 13.0	Eurex 13.0	Eurex 13.0 Christmas Eve	Eurex 13.0 Christmas Day	Eurex 13.0 Christmas Day
Batch Day	No	Yes	No	No	No	No	No
Business Day	21.12.2010	21.12.2010	28.12.2010	28.12.2010	28.12.2010	28.12.2010	28.12.2010

Week 52	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**27.12.2010**	**28.12.2010**	**29.12.2010**	**30.12.2010**	**31.12.2010**	**01.01.2011**	**02.01.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 **month-end quarter-end year-end** FCCO, FPIG, FHOG, OGBL, OGBM, OGBS, FEO1, FSEN, OSEN, FENE	Eurex 13.0	Eurex 13.0	Eurex 13.0 New Year's Eve	Eurex 13.0 New Year	Eurex 13.0
Batch Day	No	Yes	No	No	No	No	No
Business Day	28.12.2010	28.12.2010	04.01.2011	04.01.2011	04.01.2011	04.01.2011	04.01.2011

Week 1	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**03.01.2011**	**04.01.2011**	**05.01.2011**	**06.01.2011**	**07.01.2011**	**08.01.2011**	**09.01.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 OES1, FENE	Eurex 13.0	Eurex 13.0	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	04.01.2011	04.01.2011	06.01.2011	06.01.2011	11.01.2011	11.01.2011	11.01.2011

Week 2	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**10.01.2011**	**11.01.2011**	**12.01.2011**	**13.01.2011**	**14.01.2011**	**15.01.2011**	**16.01.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 OKS2	Eurex 13.0	Eurex 13.0	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	11.01.2011	11.01.2011	13.01.2011	13.01.2011	18.01.2011	18.01.2011	18.01.2011

Week 3	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**17.01.2011**	**18.01.2011**	**19.01.2011**	**20.01.2011**	**21.01.2011**	**22.01.2011**	**23.01.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.0	Eurex 13.0 FVS, TOVS	Eurex 13.0	Eurex 13.0 FSTK, OSTK, OSTK, FGFX, FSFX, OINX, HICP	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	18.01.2011	18.01.2011	20.01.2011	20.01.2011	25.01.2011	25.01.2011	25.01.2011