X-pand into the Future

eurex circular 094/11

Date: April 29, 2011
Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Peter Reitz

Eurex Release 13.1 Simulation:
1. Simulation Calendar from May 9 to August 28, 2011
2. Matcher/Host Failover Schedule and Test Scenarios

Related Eurex Circulars: 017/11, 060/11

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

Content may be most important for:

- Middle + Backoffice
- IT/System Administration

Attachment:

Eurex Release 13.1 Permanent Simulation Calendar from May 9, 2011 to August 28, 2011

Summary:

Attached to this circular we are providing the calendar for the permanent simulation of Eurex Release 13.1 from **May 9 to August 28, 2011**.

In general, simulation will be available continuously, including at the 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

For easier access, please click on the following link:

https://www.eurexchange.com/members/simulation/standard_simulation_en.html

Please also note the information regarding planned matcher and host failover tests in simulation of Eurex Release 13.1 on Wednesday, June 8, 2011, 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.

Eurex Deutschland
Börsenplatz 4
60313 Frankfurt/Main
Mailing address:
60485 Frankfurt/Main
Germany

T +49-69-211-1 17 00
F +49-69-211-1 17 01
customer.support@
eurexchange.com
Internet:
www.eurexchange.com

Management Board:
Thomas Book, Michael Peters,
Andreas Preuss, Peter Reitz,
Jürg Spillmann

ARBN: 101 013 361

Eurex Release 13.1 Simulation:
1. Simulation Calendar from May 9 to August 28, 2011
2. Matcher/Host Failover Schedule and Test Scenarios

1. Eurex Release 13.1: Simulation Calendar from May 9 to August 28, 2011

Attached to this circular we are providing the calendar for the permanent simulation of Eurex Release 13.1 from May 9 to August 28, 2011.

In general, simulation will be available continuously, including at the weekends. Simulation time on batch days will be limited.

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

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

For easier access, please click on the following link:

https://www.eurexchange.com/members/simulation/standard_simulation_en.html

2. Matcher/Host Failover Schedule and Test Scenarios

In order to provide Members with the opportunity to perform tests of their own applications' failover behaviour 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 13.1 simulation environment on the following day as described below:

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

Wednesday, June 8, 2011: 16:00 CET: First matcher crash simulation, affected product: **FGBL**

Wednesday, June 8, 2011: 16:30 CET: Second matcher crash simulation, affected product: **ODAX**

During the first matcher crash, at least product FGBL will be affected; during the second matcher crash, at least 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, June 8, 2011: 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 behaviour of their own application in detecting 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 required 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.

April 29, 2011

Simulation Schedule Eurex Release 13.1
May 9, 2011 - August 28

Week 19	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**09.05.2011**	**10.05.2011**	**11.05.2011**	**12.05.2011**	**13.05.2011**	**14.05.2011**	**15.05.2011**
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 13.1	F1B2, F1P2, F7B2, F7P2 Eurex 13.1	Eurex 13.1	DBK2, OKS2 Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	10.05.2011	10.05.2011	12.05.2011	12.05.2011	17.05.2011	17.05.2011	17.05.2011

Week 20	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**16.05.2011**	**17.05.2011**	**18.05.2011**	**19.05.2011**	**20.05.2011**	**21.05.2011**	**22.05.2011**
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 13.1	OEU3, F1B3, F1P3, F7B3,F7P3, FVS, TOVS Eurex 13.1	Eurex 13.1	FGFX, FSFX, FSTK, OSTK, OINX, HICP Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	17.05.2011	17.05.2011	19.05.2011	19.05.2011			

Week 21	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**23.05.2011**	**24.05.2011**	**25.05.2011**	**26.05.2011**	**27.05.2011**	**28.05.2011**	**29.05.2011**
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 13.1	F1B4, F1P4, F7B4, F7P4 Eurex 13.1	Eurex 13.1	FENE, FHOG, FPIG, FSEN, OSEN, DBK4, O1BM Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	24.05.2011	24.05.2011	26.05.2011	26.05.2011	31.05.2011	31.05.2011	31.05.2011

Week 22	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**30.05.2011**	**31.05.2011**	**01.06.2011**	**02.06.2011**	**03.06.2011**	**04.06.2011**	**05.06.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1	OGBL, OGBM, OBS, F1BM, F1OM, F1PM, FSH2, FEO1, F1B5, F1P5, F7B5, F7P5 **month-end** Eurex 13.1	Eurex 13.1	Ascension Day Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	No	No	No	No
Business Day	31.05.2011	31.05.2011	07.06.2011	07.06.2011	07.06.2011	07.06.2011	07.06.2011

Week 23	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**06.06.2011**	**07.06.2011**	**08.06.2011**	**09.06.2011**	**10.06.2011**	**11.06.2011**	**12.06.2011**
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 13.1	OES1, DBK1, CONF, FGBL, FGBM, FGBS, FGBX, OKS2, FENE Eurex 13.1	Matcher Crash / Host Failover Test Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	07.06.2011	07.06.2011	09.06.2011	09.06.2011	14.06.2011	14.06.2011	14.06.2011

Week 24	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**13.06.2011**	**14.06.2011**	**15.06.2011**	**16.06.2011**	**17.06.2011**	**18.06.2011**	**19.06.2011**
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	Whit Monday Eurex 13.1	DBK2, TOVS, F1B2, F1P2, F7B2, F7P2 Eurex 13.1	Eurex 13.1	FINX, OINX, FSTK, OSTK Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	14.06.2011	14.06.2011	16.06.2011	16.06.2011	21.06.2011	21.06.2011	21.06.2011

Week 25	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**20.06.2011**	**21.06.2011**	**22.06.2011**	**23.06.2011**	**24.06.2011**	**25.06.2011**	**26.06.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1	FENE Eurex 13.1	Eurex 13.1	Corpus Christi Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	No	No	No	No
Business Day	21.06.2011	21.06.2011	28.06.2011	28.06.2011	28.06.2011	28.06.2011	28.06.2011

Week 26	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**27.06.2011**	**28.06.2011**	**29.06.2011**	**30.06.2011**	**01.07.2011**	**02.07.2011**	**03.07.2011**
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 13.1	FENE, O1BM, FBUT, FHOG, FPIG, FSMP, FCCO Eurex 13.1	Eurex 13.1	DBK5, OGBL, OGBM, OGBS, FSH2, FSEN, OSEN, FEO1, F5BM, F5PM **month-end** **quarter-end** Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	28.06.2011	28.06.2011	30.06.2011	30.06.2011	05.07.2011	05.07.2011	05.07.2011

Week 27	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**04.07.2011**	**05.07.2011**	**06.07.2011**	**07.07.2011**	**08.07.2011**	**09.07.2011**	**10.07.2011**
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 13.1	FENE Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	05.07.2011	05.07.2011	07.07.2011	07.07.2011	12.07.2011	12.07.2011	12.07.2011

Week 28	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**11.07.2011**	**12.07.2011**	**13.07.2011**	**14.07.2011**	**15.07.2011**	**16.07.2011**	**17.07.2011**
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 13.1	OKS2 Eurex 13.1	Eurex 13.1	FGFX, FSFX, FSTK, OSTK Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	12.07.2011	12.07.2011	14.07.2011	14.07.2011	19.07.2011	19.07.2011	19.07.2011

Week 29	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**18.07.2011**	**19.07.2011**	**20.07.2011**	**21.07.2011**	**22.07.2011**	**23.07.2011**	**24.07.2011**

Simulation Schedule Eurex Release 13.1

May 9, 2011 - August 28

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 13.1	OEU3, FVS, TOVS Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	19.07.2011	19.07.2011	21.07.2011	21.07.2011	26.07.2011	26.07.2011	26.07.2011

Week 30	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Calendar Day	**25.07.2011**	**26.07.2011**	**27.07.2011**	**28.07.2011**	**29.07.2011**	**30.07.2011**	**31.07.2011**
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 13.1	FENE, FPIG, FHOG, FBUT, FSMP, OFEN Eurex 13.1	Eurex 13.1	OGBL, OGBM, OGBS, FENE, OSEN. FEO1, DBK5 **month-end** Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	26.07.2011	26.07.2011	28.07.2011	28.07.2011	02.08.2011	02.08.2011	02.08.2011

Week 31	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Calendar Day	**01.08.2011**	**02.08.2011**	**03.08.2011**	**04.08.2011**	**05.08.2011**	**06.08.2011**	**07.08.2011**
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 13.1	FENE Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	02.08.2011	02.08.2011	04.08.2011	04.08.2011	09.08.2011	09.08.2011	09.08.2011

Week 32	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Calendar Day	**08.08.2011**	**09.08.2011**	**10.08.2011**	**11.08.2011**	**12.08.2011**	**13.08.2011**	**14.08.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	Closed	Closed	Closed
Event / Last Trading Day	Eurex 13.1	FENE, OKS2, OEU3 Eurex 13.1	Eurex 13.1	OGBL, OGBM, OGBS, FENE, FVS, TOVS, FGFX, FSFX, FSTK, OSTK, OINX, FENE, O1BM, OSEN, FPIG, FHOG Eurex 13.1	Eurex 13.1Simulation closed due to conversion to Eurex 14.0		
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	09.08.2011	09.08.2011	11.08.2011	11.08.2011	n.a.	n.a.	n.a.

Week 33	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Calendar Day	**15.08.2011**	**16.08.2011**	**17.08.2011**	**18.08.2011**	**19.08.2011**	**20.08.2011**	**21.08.2011**
Online Time (CET)	Closed	Closed	Closed	Closed	Closed	Closed	Closed
Event / Last Trading Day	Eurex 13.1 Simulation closed due to conversion to Eurex 14.0						
Batch Day	No	No	No	No	No	No	No
Business Day							

Week 34	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Calendar Day	**22.08.2011**	**23.08.2011**	**24.08.2011**	**25.08.2011**	**26.08.2011**	**27.08.2011**	**28.08.2011**
Online Time (CET)	Closed	Closed	Closed	Closed	Closed	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1 Simulation closed due to conversion to Eurex 14.0						
Batch Day	No	No	No	No	No	No	No
Business Day							