X-pand into the Future

eurex circular 017/11

Date: January 20, 2011
Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

Eurex Release 13.0/13.1 Simulation:
1. Simulation Calendar from January 31, 2011 to May 8, 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:

- Middle + Backoffice
- IT/System Administration

Attachment:
Eurex Release 13.0/13.1 Simulation Calendar from January 31, 2011 to May 8, 2011

Summary:

Attached to this circular we are providing the Eurex simulation calendar for the period from **January 31, 2011** to **May 8, 2011**. This calendar contains the following schedules:

Time period	Simulation phase
January 31, 2011 - February 17, 2011	Eurex Release 13.0 permanent simulation
February 18, 2011 - February 27, 2011	Eurex Simulation closed due to conversion from Eurex Release 13.0 to Eurex Release 13.1
February 28, 2011 - April 7, 2011	Eurex Release 13.1 release simulation
April 8, 2011 - May 8, 2011	Eurex Release 13.1 permanent simulation

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

Please also note the information regarding planned matcher- and host failover tests in simulation of Eurex Release 13.1 on Wednesday, March 16, 2011, as described in the following. For any further questions you may have, please 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 13.0/13.1 Simulation:
1. Simulation Calendar from January 31, 2011 to May 8, 2011
2. Matcher/Host Failover Schedule and Test Scenarios

1. Eurex Release 13.0/13.1: Simulation Calendar from January 31, 2011 to May 8, 2011

Attached to this circular we are providing the Eurex simulation calendar for the period from January 31, 2011 to May 8, 2011. This calendar contains the following schedules:

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January 31, 2011 - February 17, 2011	Eurex Release 13.0 permanent simulation
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For easier access to the documents, 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 possibility 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, March 16, 2011: 16:00 CET: First matcher crash simulation, affected product: **FGBL**

Wednesday, March 16, 2011: 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 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, March 16, 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.

January 20, 2011

Simulation Schedule Eurex Release 13.0 / 13.1
January 31, 2011 - May 8, 2011

Week 5	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**31.01.2011**	**01.02.2011**	**02.02.2011**	**03.02.2011**	**04.02.2011**	**05.02.2011**	**06.02.2011**
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	FENE Eurex 13.0	Eurex 13.0	OES1 Eurex 13.0	Eurex 13.0	Eurex 13.0	Eurex 13.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	01.02.2011	01.02.2011	03.02.2011	03.02.2011	08.02.2011	08.02.2011	08.02.2011

Week 6	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**07.02.2011**	**08.02.2011**	**09.02.2011**	**10.02.2011**	**11.02.2011**	**12.02.2011**	**13.02.2011**
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	FENE Eurex 13.0	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	08.02.2011	08.02.2011	10.02.2011	10.02.2011	15.02.2011	15.02.2011	15.02.2011

Week 7	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**14.02.2011**	**15.02.2011**	**16.02.2011**	**17.02.2011**	**18.02.2011**	**19.02.2011**	**20.02.2011**
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 13.0	FENE FVS, TOVS, OKS2 Eurex 13.0	Eurex 13.0	FGFX, FSFX, OINX, FSTK, OSTK, OEXD, FENE, FHOG, FPIG, OFEN, FCRD Eurex 13.0	Eurex 13.0 simulation closed due to conversion to Eurex 13.1		
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	15.02.2011	15.02.2011	17.02.2011	17.02.2011			

Week 8	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**21.02.2011**	**22.02.2011**	**23.02.2011**	**24.02.2011**	**25.02.2011**	**26.02.2011**	**27.02.2011**
Online Time (CET)	closed	closed	closed	closed	closed	closed	closed
Event / Last Trading Day	Eurex 13.0 simulation closed due to conversion to Eurex 13.1						
Batch Day	No	No	No	No	No	No	No
Business Day							

Week 9	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**28.02.2011**	**01.03.2011**	**02.03.2011**	**03.03.2011**	**04.03.2011**	**05.03.2011**	**06.03.2011**
Online Time (CET)	10:00 - 16:00	10:00 - 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	FEO1, OGBL, OGBM, OGBS Eurex 13.1 **Simulation Start month-end**	FENE Eurex 13.1	Eurex 13.1	OES1 Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	Yes	Yes	No	Yes	No	No	No
Business Day	28.02.2011	01.03.2011	03.03.2011	03.03.2011	08.03.2011	08.03.2011	08.03.2011

Week 10	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**07.03.2011**	**08.03.2011**	**09.03.2011**	**10.03.2011**	**11.03.2011**	**12.03.2011**	**13.03.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 16:00	10:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1	FGBL, FGBM, FGBS, FGBX, FBTP, FBTS, CONF, OKS2, 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	Yes	No	No
Business Day	08.03.2011	08.03.2011	10.03.2011	10.03.2011	11.03.2011	14.03.2011	14.03.2011

Week 11	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**14.03.2011**	**15.03.2011**	**16.03.2011**	**17.03.2011**	**18.03.2011**	**19.03.2011**	**20.03.2011**
Online Time (CET)	0:00 - 16:00	10:00 - 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	FEU3, OEU3 Eurex 13.1	FINX, OINX, FSTK, OSTK, OEXD, FENE Eurex 13.1	Eurex 13.1 matcher crash / host failover test	Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	Yes	Yes	No	No	No	No	No
Business Day	14.03.2011	15.03.2011	22.03.2011	22.03.2011	22.03.2011	22.03.2011	22.03.2011

Week 12	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**21.03.2011**	**22.03.2011**	**23.03.2011**	**24.03.2011**	**25.03.2011**	**26.03.2011**	**27.03.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 16:00	10:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1	FENE Eurex 13.1	Eurex 13.1	O1BT, O1BY Eurex 13.1	FT2M, FT4M Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	No	Yes	Yes	No	No
Business Day	22.03.2011	22.03.2011	24.03.2011	24.03.2011	25.03.2011	28.03.2011	28.03.2011

Week 13	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**28.03.2011**	**29.03.2011**	**30.03.2011**	**31.03.2011**	**01.04.2011**	**02.04.2011**	**03.04.2011**
Online Time (CET)	0:00 - 16:00	10:00 - 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	F1PT, F2PE, FCER, OFEN Eurex 13.1	FBUT, FSMP, FHOG, FPIG, FCCO, FENE Eurex 13.1	Eurex 13.1	OGBL, OGBM, OGBS, FCRD, FEO1, PUKA, OSEN, FENE Eurex 13.1 **month-end quarter-end**	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	Yes	Yes	No	Yes	No	No	No
Business Day	28.03.2011	29.03.2011	31.03.2011	31.03.2011	04.04.2011	04.04.2011	04.04.2011

Week 14	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**04.04.2011**	**05.04.2011**	**06.04.2011**	**07.04.2011**	**08.04.2011**	**09.04.2011**	**10.04.2011**
Online Time (CET)	0:00 - 16:00	10:00 - 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 **perm. Simu start**	Eurex 13.1	Eurex 13.1
Batch Day	Yes	Yes	No	Yes	No	No	No
Business Day	04.04.2011	05.04.2011	07.04.2011	07.04.2011	12.04.2011	12.04.2011	12.04.2011

Week 15	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**11.04.2011**	**12.04.2011**	**13.04.2011**	**14.04.2011**	**15.04.2011**	**16.04.2011**	**17.04.2011**
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 16:00	10:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 13.1 **Production Launch**	FENE Eurex 13.1	OKS2 Eurex 13.1	FGFX, FSFX, OINX, FSTK, OSTK, OEXD Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1
Batch Day	No	Yes	Yes	Yes	No	No	No
Business Day	12.04.2011	12.04.2011	13.04.2011	14.04.2011	18.04.2011	18.04.2011	18.04.2011

Simulation Schedule Eurex Release 13.0 / 13.1
January 31, 2011 - May 8, 2011

Week 16	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**18.04.2011**	**19.04.2011**	**20.04.2011**	**21.04.2011**	**22.04.2011**	**23.04.2011**	**24.04.2011**
Online Time (CET)	0:00 - 16:00	10:00 - 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 13.1	FVS, TOVS, FENE Eurex 13.1	Eurex 13.1	Eurex 13.1	Eurex 13.1 **Good Friday**	Eurex 13.1	Eurex 13.1 Easter Sunday
Batch Day	Yes	Yes	No	No	No	No	No
Business Day	18.04.2011	19.04.2011	26.04.2011	26.04.2011	26.04.2011	26.04.2011	26.04.2011

Week 17	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**25.04.2011**	**26.04.2011**	**27.04.2011**	**28.04.2011**	**29.04.2011**	**30.04.2011**	**01.05.2011**
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 **Easter Monday**	FENE Eurex 13.1	Eurex 13.1	OGBL, OGBM, OGBS, FENE Eurex 13.1 **month-end**	Eurex 13.1	Eurex 13.1	Eurex 13.1 **Labour Day**
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	26.04.2011	26.04.2011	28.04.2011	28.04.2011	03.05.2011	03.05.2011	03.05.2011

Week 18	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**02.05.2011**	**03.05.2011**	**04.05.2011**	**05.05.2011**	**06.05.2011**	**07.05.2011**	**08.05.2011**
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	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	03.05.2011	03.05.2011	05.05.2011	05.05.2011	10.05.2011	10.05.2011	10.05.2011