X-pand into the Future

e u r e x *circular 055/10*

Date: Frankfurt, March 31, 2010
Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

Eurex Release 12.0 Simulation
1. Simulation Calendar from April 19, 2010 to Juni 27, 2010
2. Matcher/Host Failover Schedule and Test Scenarios

Related Eurex Circulars: 030/10

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

Content may be most important for:	**Attachment:**
Ü Middle + Backoffice Ü IT/System Administration	Eurex Release 12.0 Permanent Simulation Calendar from April 19, 2010 to June 27, 2010

Summary:

Attached to this circular we are providing the calendar for the Permanent Simulation of Eurex Release 12.0 from **April 19, 2010** until **June 27, 2010**.

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 12.0 on Wednesday, May 19, 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 12.0 Simulation
1. Simulation Calendar from April 19, 2010 to June 27, 2010
2. Matcher/Host Failover Schedule and Test Scenarios

1. Eurex Release 12.0: Simulation Calendar from April 19, 2010 to June 27, 2010

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2. Matcher/Host Failover Schedule and Test Scenarios

In order to provide Members with the possibility 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 12.0 simulation environment on the following day as described below:

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

Wednesday, May 19, 2010: 16:00 CET: First matcher crash simulation, affected product: **FGBL**

Wednesday, May 19, 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 again 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, May 19, 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 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.

Frankfurt, March 31, 2010

Attachment to Eurex circular 055/10

Eurex Release 12.0 Permanent Simulation Calendar from April 19, 2010 to June 27, 2010

Simulation Schedule Eurex Release 12.0
April 19, 2010 – June 27, 2010

Week 16	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**19.04.2010**	**20.04.2010**	**21.04.2010**	**22.04.2010**	**23.04.2010**	**24.04.2010**	**25.04.2010**
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		F1B3, F1P3		FHOG, FLPI, FPIG			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	20.04.2010	20.04.2010	22.04.2010	22.04.2010	27.04.2010	27.04.2010	27.04.2010

Week 17	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**26.04.2010**	**27.04.2010**	**28.04.2010**	**29.04.2010**	**30.04.2010**	**01.05.2010**	**02.05.2010**
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		F1B4, F1P4, F1PT, F2PE, FCER, O1BM, O1BQ		FSE1, FSH1, FSH2, FENE, FEO1, OGBL, OGBM, OGBS **Month End**		**Labour Day**	
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	27.04.2010	27.04.2010	29.04.2010	29.04.2010	04.05.2010	04.05.2010	04.05.2010

Week 18	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**03.05.2010**	**04.05.2010**	**05.05.2010**	**06.05.2010**	**07.05.2010**	**08.05.2010**	**09.05.2010**
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		F1B1, F1B5, F1P1, F1P5		OES1			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	04.05.2010	04.05.2010	06.05.2010	06.05.2010	11.05.2010	11.05.2010	11.05.2010

Week 19	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**10.05.2010**	**11.05.2010**	**12.05.2010**	**13.05.2010**	**14.05.2010**	**15.05.2010**	**16.05.2010**
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		F1B2, F1P2, OKS2		**Ascension Day**			
Batch Day	No	Yes	No	No	No	No	No
Business Day	11.05.2010	11.05.2010	17.05.2010	17.05.2010	17.05.2010	17.05.2010	17.05.2010

Week 20	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**17.05.2010**	**18.05.2010**	**19.05.2010**	**20.05.2010**	**21.05.2010**	**22.05.2010**	**23.05.2010**
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		F1B3, F1P3, FVS, TOVS	**matcher crash / host failover test**	FGFX, FSFX, OGFX, OSFX, FSTK, OSTK, OINX			
Batch Day	Yes	Yes	No	Yes	No	No	No
Business Day	17.05.2010	18.05.2010	20.05.2010	20.05.2010	25.05.2010	25.05.2010	25.05.2010

Week 21	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**24.05.2010**	**25.05.2010**	**26.05.2010**	**27.05.2010**	**28.05.2010**	**29.05.2010**	**30.05.2010**
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	**Whit Monday**	F1B4, F1P4, O1BM, F0PM, F2M, F4PM, F4XM, F1PT		OGBL, OGBM, OGBS, FPUIG, FHOG, FSE1, FENE, FEO1 **Month End**			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	25.05.2010	25.05.2010	27.05.2010	27.05.2010	01.06.2010	01.06.2010	01.06.2010

Week 22	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**31.05.2010**	**01.06.2010**	**02.06.2010**	**03.06.2010**	**04.06.2010**	**05.06.2010**	**06.06.2010**
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		F1B1, F1P1, FEPP, OES1		**Corpus Christi**			
Batch Day	No	Yes	No	No	No	No	No
Business Day	01.06.2010	01.06.2010	07.06.2010	07.06.2010	07.06.2010	07.06.2010	07.06.2010

Week 23	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**07.06.2010**	**08.06.2010**	**09.06.2010**	**10.06.2010**	**11.06.2010**	**12.06.2010**	**13.06.2010**
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		FBND, OKS2, F1B2, F1P2					
Batch Day	Yes	Yes	No	Yes	No	No	No
Business Day	07.06.2010	08.06.2010	10.06.2010	10.06.2010	15.06.2010	15.06.2010	15.06.2010

Week 24	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**14.06.2010**	**15.06.2010**	**16.06.2010**	**17.06.2010**	**18.06.2010**	**19.06.2010**	**20.06.2010**
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		FEU3, OEU3, F1B3, F1P3, FVS, TOVS		FINX, OINX, FSTK, OSTK			
Batch Day	No	Yes	Yes	Yes	No	No	No
Business Day	15.06.2010	15.06.2010	16.06.2010	17.06.2010	22.06.2010	22.06.2010	22.06.2010

Week 25	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	**21.06.2010**	**22.06.2010**	**23.06.2010**	**24.06.2010**	**25.06.2010**	**26.06.2010**	**27.06.2010**
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		F1B4, F1P4		OGBL, OGBM, OGBS, FENE, FHOG, FPIG, FCCO, O1BM, F1PT			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	22.06.2010	22.06.2010	24.06.2010	24.06.2010	29.06.2010	29.06.2010	29.06.2010