e u r e x *circular 89/99*

To: All Eurex members and vendors

Date: Frankfurt, 27th August 1999

1. Year 2000 Project: Special 2000 No. 9
2. Year 2000 Project: Simulation Guide Overall Simulation II

Dear Sir or Madam,

Please note the following information:

1. Year 2000 Project: Special 2000 No. 9

Attached you will find the 'Special 2000 – No. 9' issued by the Year 2000 project of the Deutsche Boerse Group. The subjects of interest to Eurex members in this edition are:

- July/August Simulation Summary
- Project Status

A full copy of the simulation scripts for the Overall Simulation II will be sent to you shortly.

2. Year 2000 Project: Simulation Guide Overall Simulation II

This document contains the basic information required by participants for planning their simulation activities.

All Eurex members are required to participate successfully in at least one of the three Year 2000 simulations. For the member's own assurance, the Eurex front-end configuration used in the simulation should be the same as that which is planned for operational use at the year end.

Participants planning to start the New Year with a combined configuration of User Devices and MISSs should simulate with the corresponding combination.

If you have any questions, you may contact the "Year 2000 Coordination Center" via the contact numbers given in the Special, or the Eurex Member Readiness Team at Tel. +49 (0)69-2101-1700.

Yours sincerely,



Jörg Franke



Hartmut Klein

Attachments

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Special 2000 No. 9

Deutsche Börse

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Sehr geehrter Geschäftspartner,

am 6. August 1999 wurde die Juli/August-Simulation zum Jahr 2000 der Gruppe Deutsche Börse/Eurex erfolgreich abgeschlossen.

Mit diesem Special möchten wir Sie über die Ergebnisse dieser Simulation informieren und die kommenden Releases und Jahr-2000-Simulationen in den Bereichen Abwicklungs- und Parkettsysteme kurz darstellen.
Als Anlage finden Sie den Simulationsleitfaden zur Gesamtsimulation II im Oktober/November 1999.

Dear Business Partner,

The July/August Deutsche Börse Group/Eurex Simulation for the Year 2000 was successfully completed on August 6, 1999.

In this Special, we would like to inform you about the results of this simulation and give you a brief overview of the upcoming releases and Year 2000 simulations in the clearing and floor trading systems.

In the enclosure you will find the Simulation Guide for Overall Simulation II in October/November 1999.

Ihr/Your Year 2000 Coordination Center

In dieser Ausgabe:

→ **Resümee der Simulation Juli/August**
→ **Einzelsimulationen August/September**
→ **BOSS/BÖGA Release (Version 14.2)**
→ **Deutsche Börse Clearing: Releaseeinsatz zum 20.09.1999**
→ **CASCADE-RS in der Gesamtsimulation II**
→ **Projektstatus**

In this Issue:

→ **July/August Simulation Summary**
→ **August/September Release Simulations**
→ **BOSS/BOEGA Release (Version 14.2)**
→ **Deutsche Börse Clearing: Release on September 20, 1999**
→ **CASCADE-RS in Overall Simulation II**
→ **Project Status**

Anlage:

→ **Simulationsleitfaden** (Gesamtsimulation II)

Enclosures:

→ **Simulation Guide** (Overall Simulation II)

Resümee der Juli/ August Simulation

Die in der Zeit vom 26. Juli bis zum 06. August durchgeführte Juli/August Simulation konnte nahtlos an die erfolgreiche Gesamtsimulation I anschliessen und hat die an sie gestellten Erwartungen erfüllt.

Bei allen Teilnehmern möchten wir uns in diesem Zusammenhang für ihren Einsatz bedanken.

Der bereits in der Gesamtsimulation I erreichte hohe Grad der Marktabdeckung konnte noch einmal gesteigert werden.

Im Verlauf der Juli/August-Simulation, welche auch den Test des Schalttages beinhaltete, wurden keine Jahr-2000-relevanten Fehler gefunden. Die Anfragen der Teilnehmer ließen sich im Regelfall telefonisch klären.

July/August Simulation Summary

July/August simulation, carried out successfully from July 26 to August 6, added to the success achieved within the Overall Simulation I in May/June.

We wish to thank all participants for their participation and cooperation.

The high degree of market coverage previously achieved in Overall Simulation I was further extended.

No errors related to Year 2000 were detected in the course of the July/August simulation, which also included leap year processing. For the most parts participant questions could be resolved over the phone.

Einzelsimulationen August/September

Vom 23. August bis 3. September und vom 13. September bis 24. September 1999 bietet die Gruppe Deutsche Börse/Eurex Jahr-2000-Einzelsimulationen der Parkett- und Clearingsysteme an. Der Simulationskalender ist den Teilnehmern in der 32. Kalenderwoche bereits zugeschickt worden und auch im Internet verfügbar. Eine Teilnahme wird nachdrücklich empfohlen.

Release Simulations August/September

From August 23 to September 3 and from September 13 to September 24, 1999, the Deutsche Börse Group/Eurex is offering release Year 2000 simulations for the floor trading and clearing systems. The simulation calendar, previously sent to the participants during the week of August 9, is available on the Internet. Participation is strongly recommended.

BOSS/BÖGA-Release (Version 14.2)

Am 23. August 1999 erfolgt der Releaseeinsatz der Systeme BOSS/BÖGA in der Version 14.2. Die 6. KWG-Novelle machte die Entwicklung neuer Applikationen notwendig, um entsprechende Anforderungen zu erfüllen. Im Folgenden werden die wichtigsten Neuerungen in BOSS/BÖGA vorgestellt. Dieses Release hat bereits an der Simulation im Juli/August teilgenommen und wird auch Bestandteil der folgenden Jahr-2000-Simulationen sein.

BOSS/BÖGA Release (Version 14.2)

On August 23, 1999 version 14.2 of the BOSS/BÖGA systems will be deployed. New features were developed to meet the requirements under the sixth amendment of the German Banking Act. The most important innovations in BOSS/BOEGA are presented in the following. This release was already included in the July/August Simulation and will continue to be offered at the next simulations.

Anzeige Aufgabengeschäfte / Aufgabenticker

Seit der 6. KWG-Novelle werden Makler als Finanzdienstleister betrachtet und sind somit verpflichtet, Risikopositionen, darunter fallen Aufgabepostionen, dem Bundesaufsichtsamt für das Kreditwesen zu melden. Damit

Display of Name-to-Follow Transactions / Name-to-Follow Ticker

Since the sixth amendment to the German Banking Act brokers are regarded as financial services providers and are thus obliged to promptly report risk positions, which include name-to-follow positions, to the Federal

die Makler dieser Meldepflicht nachkommen können, wurde eine entsprechende Applikation erstellt.

Die neu geschaffene Transaktion BCAI ermöglicht dem Makler, sich den aktuellen Aufgabenbestand und die letzten Veränderunganzeigen zu lassen. Ein Ausdruck ist ebenfalls möglich. Diese Anzeigefunktionen werden durch die Tickerfunktionen ergänzt. Jede Aufgabe, die der Makler eingeht, wird in Echtzeit angezeigt.

brokers to meet this reporting obligation, a new application was devised.

The newly created BCAI transaction allows the broker to display the current name-to-follow positions and the last change. A print-out is also possible. These display functions are supplemented by ticker functions. Every name-to-follow position that the broker enters is displayed in real time.

Eigengeschäftsanzeige und –ticker

Ebenfalls vor dem Hintergrund der 6. KWG Novelle sind auch die Anzeigen für Eigengeschäfte entwickelt worden. Der Makler kann wie bisher bei der Eingabe in BOSS bzw. BÖGA bestimmte Geschäfte als „Eigengeschäfte“ markieren. Diese Geschäfte kann der Makler jetzt in einem Ticker verfolgen und bei Bedarf ausdrucken.

Beim Eigengeschäftsticker erfolgt die Aktualisierung automatisch, d.h. sie wird nach jeder Eingabe eines Eigengeschäfts aktualisiert.

Proprietary Trades Display and Ticker

The displays for proprietary trades were also developed against the background of the sixth amendment to the German Banking Act. As in the past, brokers can mark certain trades as "proprietary trades" when they are entered in BOSS and/or BÖGA. The broker can now follow these trades in a ticker and print them out if necessary.

The proprietary trades ticker is updated automatically, i.e. it is updated every time a proprietary trade has been entered.

Deutsche Börse Clearing: Release-Einsatz zum 20. September 1999

Mit dem Release-Einsatz zum 20. September 1999 bündelt die Deutsche Börse Clearing die Neuerungen des 2. Halbjahres 1999. Dies betrifft die Kommunikation mit CASCADE durch S.W.I.F.T.-Messages, den Auf- und Ausbau von CSD-Links und die Änderung der Steuerberechnung im Kapitaldienst-Bereich.

Mit dem Angebot weiterer S.W.I.F.T.-Message-Types wird die effiziente und sichere Anbindung an CASCADE weiter verbessert. Damit haben Kunden die Möglichkeit, zwischen verschiedenen Arten der Kommunikation mit CASCADE zu wählen.

Der Auf- und Ausbau von Verbindungen (Links) zu ausländischen Zentralverwahrern ermöglicht die einfache Cross-Border-Übertragung von deutschen bzw. ausländischen Wertpapieren.

Die Änderung der Steuerberechnung im Kapitaldienst Bereich hat die Deutsche Börse Clearing genutzt, die persönlichen Journale und Steuerbescheinigungen übersichtlicher zu gestalten und in englischer Sprache anzubieten.

Seit 05. Juli ist bereits die Abwicklung von SETS-Geschäften über die Deutsche Börse Clearing möglich. Für Kunden der Clearing stellt diese Mög-

Deutsche Börse Clearing: Release on September 20, 1999

When the release is deployed on September 20, 1999, Deutsche Börse Clearing will be including functionalities for the second half of 1999. This applies to the communication with CASCADE via S.W.I.F.T. messages, the set-up and expansion of CSD links and the change in the tax calculation in the Interest and Dividends division.

By offering additional S.W.I.F.T. message types, the efficient and secure connection to CASCADE will be further enhanced. This will give customers the possibility to choose between various types of communication with CASCADE.

The set-up and expansion of links to foreign central securities depositories will make possible the simple cross-border transfer and assignment of German and/or foreign securities.

Deutsche Börse Clearing has taken advantage of the change in the tax calculation in the area of interest and dividends to design personal journals and tax certificates more clearly and to offer them in English.

Clearing of SETS transactions has been possible via Deutsche Börse Clearing since July 5. This possibility represents a considerable simplification for Clearing customers.

lichkeit eine erhebliche Vereinfachung dar.
Seit dem 16. August wird in CASCADE-RS (bisher CASCADE-VNA) bei Neuaufnahmen von Namensaktien grundsätzlich keine Stückenummernverarbeitung mehr durchgeführt. Die Abwicklung bereits in CASCADE-RS geführter Gattungen erfolgt weiterhin mit Stückenummernzuordnung, kann jedoch auf Wunsch des Emittenten ebenfalls umgestellt werden. Die Systemperformance wird durch das neue Verfahren erheblich verbessert. Dieses Release wird an der Simulation mit Beginn am 18. September 1999 und an allen darauf folgenden Jahr-2000-Simulationen teilnehmen.

CASCADE-RS in der Gesamtsimulation II

In der Gesamtsimulation II im Oktober/November 1999 gibt die Gruppe Deutsche Börse Ihren Kunden und Geschäftspartnern die Möglichkeit, die neuen Funktionalitäten für vinkulierte Namensaktien im Zusammenspiel mit ihren Applikationen unter Jahr-2000-Bedingungen zu überprüfen.

Von besonderem Interesse sind hierbei die DFÜ-Filetransfers in CASCADE-RS.

Falls die Teilnehmer bereits mit dem Konnektierungsteam der Gruppe Deutsche Börse LIMA-Filetransfers zur Simulationsumgebung eingerichtet haben, ist kein weiterer Konnektierungstest notwendig.

Die Umschreibungen in den Aktienbüchern werden in einen bilateralen Test mit den Emittenten einbezogen

Effective August 16, share certificate numbers, in CASCADE-RS (formerly CASCADE-VNA), will no longer be processed for new registrations. Clearing of securities already carried in CASCADE-RS is still done with share certificate number assignment, but if desired can also be changed over at the issuer's request. The new procedure enhances system performance considerably. This release will be offered within the release simulation starting September 18, 1999 and will be offered further within the Overall Simulation II in October/November 1999.

CASCADE-RS in Overall Simulation II

Within the Overall Simulation II in October/November 1999 Deutsche Börse Group/Eurex offers the possibility for its business partners to test the new functions for registered shares in conjunction with their own applications under Year 2000 conditions.

In this context the remote data transmission file transfers into CASCADE-RS are of special interest.

If members have already carried out a LIMA file transfer with the Deutsche Börse connection team in the simulation environment, a seperate connection test is not necessary.

To enable brokers to meet this reporting obligation, a new application was devised.

In diesem Zusammenhang wird in der Gesamtsimulation II die Einreichung der Daten in die Systeme der Gruppe Deutsche Börse getestet.

In this context, Overall Simulation II in October/November will focus on the data transfer to the systems of the Deutsche Börse Group.

Special 2000 No. 9

Deutsche Börse

Year 2000 Coordination Center 08/1999

Projektstatus

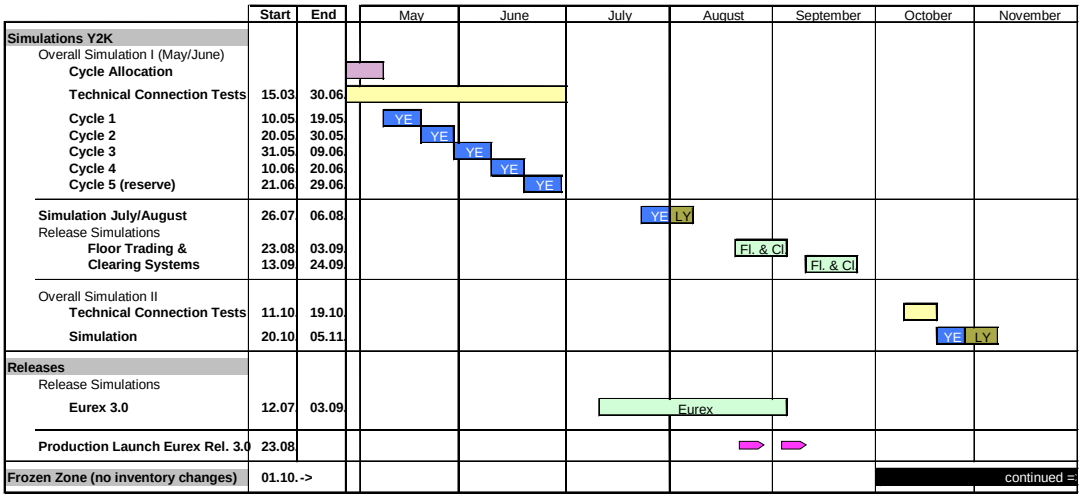
Das Jahr-2000-Projekt der Gruppe Deutsche Börse läuft in allen Teilaktivitäten planmäßig.

Hier der aktuelle Zeitplan:

Project Status

The Year 2000 Project of Deutsche Börse Group is running on schedule.

The current project schedule is shown below:



Wichtige Termine:

23. August – 3. September 1999 und
13. – 24. September 1999
Release-Simulationen
Parketthandel und Clearing

23. August 1999
Produktionsstart Eurex® Rel. 3.0 (UD)

6. September 1999
Produktionsstart Eurex® Rel. 3.0 (MISS)

20. September 1999
Produktionsstart Clearing Releases

24. September 1999
Letzter Simulationstag der permanenten Simulationsumgebungen Eurex® und Xetra®

11. – 19. Oktober 1999
Technische Konnektierungstests der IMS und SNA Systeme für Neukunden

20. Oktober – 5. November
Gesamtsimulation II

Important Dates:

23 August – 3 September and
13 – 24 September 1999
Release Simulations
Floor Trading and Clearing Systems

23 August 1999
Production start Eurex® Rel. 3.0 (UD)

6 September 1999
Production start Eurex® Rel. 3.0 (MISS)

20 September 1999
Production start Clearing Releases

24 September 1999
Last simulation day for the permanent simulation environments Eurex® und Xetra®

11 – 19 October 1999
Technical Connection Tests for IMS and SNA systems for new customers

20 October – 5 November
Overall Simulation II

Deutsche Börse



Year 2000

Simulation Guide

Overall Simulation II in October/November 1999

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1 Introduction

In order to ensure the smooth transition into the Year 2000 as well as an uninterrupted flow of business transactions with its business partners, Deutsche Börse Group/Eurex established the Year 2000 project. Within the framework of this project a number of simulations focusing on the Year 2000 have taken place. The Overall Simulation II will be the last of these simulations.

In order to prove the Year 2000 conformity, Deutsche Börse Group/Eurex focuses on the requirements of the British Standards Institution (DISC PD 2000-1): "A Definition of Year 2000 Conformity Requirements".

All customers and business partners of Deutsche Börse Group/Eurex are strongly advised to take part in the Overall Simulation II. The programs used during the Overall Simulation II will be those in the final inventory at the year-end processing.

1.1 Purpose of this Document

This document serves as a guideline for all participants in the Overall Simulation II of Deutsche Börse Group/Eurex. Additional details and information concerning the release simulations have been and will be announced in the usual manner by the Deutsche Börse Group/Eurex.

The document contains the basic information required by the participants of the Year 2000 Overall Simulation II for planning the simulation activities:

- General simulation conditions
- Simulation timeframe
- Simulation participation
- Technical setup
- Support by Deutsche Börse Group/Eurex.

1.2 Target Group

The proposed Overall Simulation II is directed at all participants making use of the trading and clearing systems of Deutsche Börse Group/Eurex.

Deutsche Börse Group/Eurex recommends participation to all business partners and customers within the Overall Simulation II and expects participation of all new business partners and customers.

1.3 Simulation Model

As a prerequisite for taking part in the Overall Simulation II it is necessary to have successfully completed a connection test to the seperate simulation environment (applies only to the floor trading and clearing applications on the IBM mainframe):

Between May and Novbember1999, the Year 2000 Simulations take place in three phases:

- The Overall Simulation I has taken place in May and June 1999 and covered all systems over respective cycles with focus on year end processing.
- Release and single simulations have and will take place between July and September 1999 within the framework of the planned Eurex 3.0 release introduction as well as for floor trading and clearing systems. During these simulations year end and leap year processing is offered.
- The Overall Simulation II takes place in October/November 1999 and is optional for those participants who have successfully completed a previous simulation and obligatory for new members and customers. Deutsche Börse Group/Eurex expects all other business partners and customers to participate in the Overall Simulation II. Besides the year end, it is also possible to simulate the leap year during the Overall Simulation II.

1.4 General Conditions of the Overall Simulation II

- The simulation covers the core business processes of Deutsche Börse Group/Eurex.
- Participants scripts are compiled on the basis of the core business processes and will guide the participants through the simulation step by step.
- As a prerequisite for taking part in the Overall Simulation II it is necessary to have once completed successfully the connection test especially in the IBM/SNA environment. As a rule, for Xetra and Eurex no additional connection tests are required.
- The year end simulation covers business processing on the final two trading days of 1999 (29.12. and 30.12.1999) as well as the first three trading days of 2000 (03.01., 04.01. and 05.01.2000).
- The leap year simulation covers business processing on the following trading days: 25.02., 28.02., 29.02., 01.03. and 02.03.2000.
- Starting from October 1999, Deutsche Börse Group/Eurex plans a "Frozen Zone" for inventory changes (hardware, software, infrastructure) and the same approach is recommended to the members.

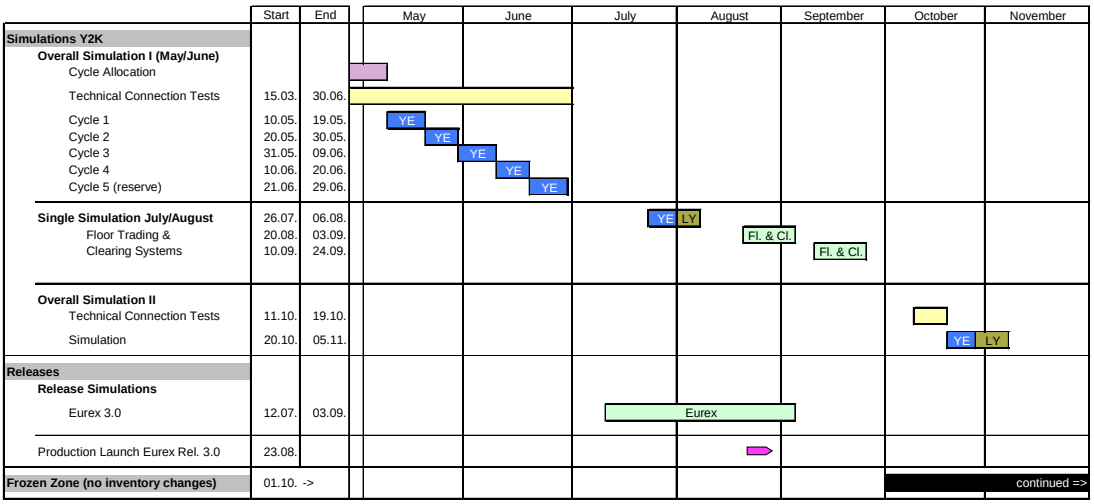
2 Simulation Time-Frame

The following chapter illustrates the time-frame of the simulation. Following the overview of the entire project plan and the connection test you will find the Overall Simulation II calendar for October/November 1999.

2.1 Overview

The simulation customer specific activities of the project started with the connection tests from March onwards and will continue with further connection tests for new participants and simulations until November.

The release simulations of the systems in the third quarter of 1999 and the Overall Simulation II starting in October will complete the overall offer of Deutsche Börse



Legend:
"FL. & Cl." = Floor Trading and Clearing Systems; "YE" = Year End Simulation"; "LY" = Leap Year Simulation

Group/Eurex.

Illustration 2.1: Simulation Plan

2.2 Connection Test

After login, it is possible to carry out the connection test in the mainframe environment. For this purpose, the following steps need to be carried out:

- The participant receives the connection test information (Technical Connection Guide) and sends back the appropriate information (attached questionaire).
- Deutsche Börse Group/Eurex will contact the members in order to agree on a mutually convenient date for carrying out the test.

2.3 Overall Simulation II

The Overall Simulation II in October/November 1999 covers the core business processes of Deutsche Börse Group/Eurex and enables the participants to validate the Year 2000 features for the year end and the leap year.

	Monday **11.10.1999**	Tuesday **12.10.1999**	Wednesday **13.10.1999**	Thursday **14.10.1999**	Friday **15.10.1999**	Saturday **16.10.1999**	Sunday **17.10.1999**
Trade date							
Xetra®							
BOSS / BÖGA							
Clearing							
Eurex®	**No**	**No**	**No**	**No**	**No**		
Batches	**Simulation**	**Simulation**	**Simulation**	**Simulation**	**Simulation**		
IMS/SNA relevant Systems	**Connection Tests**	**Connection Tests**	**Connection Tests**	**Connection Tests**	**Connection Tests**		
Special features	**Preparation of Systems**	**Preparation of Systems**	**Preparation of Systems**	**Preparation of Systems**	**Preparation of Systems**		

Illustration 2.2: Overall Simulation II, Preparation Week

	Monday **18.10.1999**	Tuesday **19.10.1999**	Wednesday **20.10.1999**	Thursday **21.10.1999**	Friday **22.10.1999**	Saturday **23.10.1999**	Sunday **24.10.1999**
Trade date			29.12.1999	30.12.1999	31.12.1999	01.01.2000	02.01.2000
Xetra®			**08:00 - 12:00**	**08:00 - 12:00**			
BOSS / BÖGA			**07:00 - 13:00**	**07:00 - 13:00**			
Clearing			**07:00 - 13:00**	**07:00 - 13:00**			
Eurex®	**No**	**No**	**08:00 - 15:00**	**08:00 - 15:00**	**No**	**No**	**No**
Batches	**Simulation**	**Simulation**	Cash Market **from 12:00** Derivatives Market **from 16:00**	Cash Market **from 12:00** Derivatives Market **from 16:00**	**Simulation**	**Simulation**	**Simulation**
IMS/SNA relevant Systems	**Connection Tests**	**Connection Tests**	Clearing 1st SDS run, value date 29.12. **from 09:00** Clearing 2nd SDS run, value date 29.12. **from 10:30** Clearing STD run, value date 30.12. **from 13:00** Clearing Global **from 13:00**	Clearing 1st SDS run, value date 30.12. **from 09:00** Clearing 2nd SDS run, value date 30.12. **from 10:30** Clearing STD run, value date 03.01. **from 13:00** Clearing Global **from 13:00**			
Special features	**Preparation of Systems**	**Preparation of Systems**		**Year End**	**Year End**		

Illustration 2.3: Overall Simulation II, 1st Simulation Week

	Monday **25.10.1999**	Tuesday **26.10.1999**	Wednesday **27.10.1999**	Thursday **28.10.1999**	Friday **29.10.1999**	Saturday **30.10.1999**	Sunday **31.10.1999**
Trade date	03.01.2000	04.01.2000	05.01.2000		25.02.2000		
Xetra®	**08:00 - 12:00**	**08:00 - 12:00**	**08:00 - 12:00**		**08:00 - 12:00**		
BOSS / BÖGA	**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**		**07:00 - 13:00**		
Clearing	**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**		**07:00 - 13:00**		
Eurex®	**08:00 - 15:00**	**08:00 - 15:00**	**08:00 - 15:00**	**No**	**08:00 - 15:00**		
Batches	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 03.01. **from 09:00** Clearing 2nd SDS run, value date 03.01. **from 10:30** Clearing STD run, value date 04.01. **from 13:00** Clearing Global **from 13:00**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 04.01. **from 09:00** Clearing 2nd SDS run, value date 04.01. **from 10:30** Clearing STD run, value date 05.01. **from 13:00** Clearing Global **from 13:00**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 05.01. **from 09:00** Clearing 2nd SDS run, value date 05.01. **from 10:30** Clearing STD run, value date 06.01. **from 13:00** Clearing Global **from 13:00**	**Simulation**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 25.02. **from 09:00** Clearing 2nd SDS run, value date 25.02. **from 10:30** Clearing STD run, value date 28.02. **from 13:00** Clearing Global **from 13:00**		
Special features				**Conversion**			

Illustration 2.4: Overall Simulation II, 2nd Simulation Week

	Monday **01.11.1999**	Tuesday **02.11.1999**	Wednesday **03.11.1999**	Thursday **04.11.1999**	Friday **05.11.1999**	Saturday **06.11.1999**	Sunday **07.11.1999**
Trade date		28.02.2000	29.02.2000	01.03.2000	02.03.2000		
Xetra®		**08:00 - 12:00**	**08:00 - 12:00**	**08:00 - 12:00**	**08:00 - 12:00**		
BOSS / BÖGA		**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**		
Clearing		**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**	**07:00 - 13:00**		
Eurex®	**No**	**08:00 - 15:00**	**08:00 - 15:00**	**08:00 - 15:00**	**08:00 - 15:00**		
Batches	**Simulation**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 28.02. **from 09:00** Clearing 2nd SDS run, value date 28.02. **from 10:30** Clearing STD run, value date 29.02. **from 13:00** Clearing Global **from 13:00**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 29.02. **from 09:00** Clearing 2nd SDS run, value date 29.02. **from 10:30** Clearing STD run, value date 01.03. **from 13:00** Clearing Global **from 13:00**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 01.03. **from 09:00** Clearing 2nd SDS run, value date 01.03. **from 10:30** Clearing STD run, value date 02.03. **from 13:00** Clearing Global **from 13:00**	Cash Market **from 12:00** Derivatives Market **from 16:00** Clearing 1st SDS run, value date 02.03. **from 09:00** Clearing 2nd SDS run, value date 02.03. **from 10:30** Clearing STD run, value date 03.03. **from 13:00** Clearing Global **from 13:00**	**Simulation** **End**	
Special features							

Illustration 2.5: Overall Simulation II, 3rd Simulation Week

3 Deutsche Börse Group/Eurex Systems

3.1 Systems Involved

The following lists provides an overview of the systems involved in the Overall Simulation II.

Systems	Brief Description
BOEGA	System for participating in floor trading
BOSS	Electronic Order Routing System for bank internal systems and brokers
CASCADE	Central clearing system of Deutsche Börse Group for OTC and on-exchange transactions
Eurex®	Electronic trading and clearing system of Deutsche Börse Group for future market transactions
OLGA	Dialog system for global transactions
TPF	Price and index distribution system
TRICE	Transfers specific business data required for reporting purposes to the Federal Supervisory Office for Securities Trading (§ 9 WpHG)
WSS	Database for securities information
Xetra®	Electronic trading system of Deutsche Börse Group for cash market transactions

4 Framework for Overall Simulation - Technical Setup

In order to take part in the simulation runs it is required that all participating systems of Deutsche Börse Group/Eurex and the market participants will run smoothly.

The following text describes the technical and functional prerequisites for the successful completion of the simulation runs.

4.1 Xetra®

As a rule, no further connection test is required for those Xetra participants who already have access to the permanent simulation environment. A connections test is only required if a special MISS is to be set up for the Year 2000 Simulation.

No trading positions will exist at the beginning of the simulation.The member IDs and passwords used for the permanent simulation environment are valid.

4.2 Eurex®

As a rule, no further connection test is required for those Eurex participants who already have access to the permanent simulation environment. A connection test is only required if a special UD or MISS are to be set up for the Year 2000 Simulation at the participants' site.

No trading positions will exist at the beginning of the simulation. The clearing positions will be copied from the production environment. The member IDs and passwords used for the permanent simulation for Eurex are valid.

4.3 Floor Trading and Clearing Applications

In the IBM/SNA environment, the successful connection test is a prerequisite for the participation in the Overall Simulation II. The connection test includes all file transfer products and needs to be completed only once in the course of the Year 2000 simulations.

IMS24 is available exclusively for the simulation of floor trading and clearing applications under Year 2000 conditions.

4.4 Deutsche Börse Group/Eurex Support

During the Year 2000 Overall Simulation II Deutsche Börse Group/Eurex offers a wide range of support services to the members. Besides the scripts which lead through the simulation processes some supplementary documents are available such as manuals. Additionally, the Year 2000 Coordination Center and the Xetra and Eurex Member Readiness Team are at the disposal of the members.

4.5 Simulation Scripts

The Overall Simulation II is supported by scripts. They stipulate the minimum activities necessary to cover all core processes of Deutsche Börse Group and Eurex. These scripts allow the members to focus on a selection of transactions to be processed with Deutsche Börse Group/Eurex.

4.6 Contacts at Deutsche Börse Group/Eurex

The main point of contact is the Year 2000 Coordination Center of Deutsche Börse Group/Eurex:

- Telephone: 069 / 2101 - 3300
- Telefax: 069 / 2101 – 3301
- Email: YEAR2000@Exchange.de

Furthermore, all known Deutsche Börse Group/Eurex points of services are available.