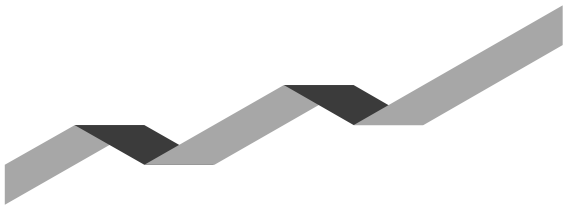
Deutsche Börse



Year 2000 Project

Simulation

Simulation Script

Part V: Appendix

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1 Introduction

The first section of Simulation Script Part V: Appendix is a detailed description of all transactions used for simulation.

The second section contains a list of simulation participants for each cycle of Overall Simulation I. This is designed to facilitate the conclusion of OTC trades in BOEGA, Xetra® and Eurex®.

The document is completed by a glossary of terms used within the scope of Year 2000 Overall Simulation.

2 Transactions

This chapter contains descriptions of all transactions used within the scope of Overall Simulation I. All of the 55 transactions used are described in chronological order, with each transaction shown on a separate page.

Each activity comprised in Simulation Script Part II: Cash Market, Part III: Derivatives Market and Part IV: Clearing is cross-referenced to the underlying transaction by way of a transaction ID. The reference number contains the transaction market segment (e.g. CMTP) and the unique number of the particular transaction (e.g. CMTP05). A separate ID is assigned to each transaction.

This allows for the reconciliation of various activities related to a transaction over a number of days. For example, an exchange trade entered into on 29/12/1999 is settled on 03/01/2000. The cross-referencing of activities on these days, using the transaction ID, facilitates reconciliation.

Also, the chronological sequence of transactions is illustrated by the listing of IDs in the Appendix (Simulation Script Part V: Appendix, chapter 2: Transactions).

2.1 Cash Market

2.1.1 CMTP01

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP01	Entry of a buy and sell order in BOSS (Frankfurt exchange only)	AKV WKN 900304 CHINA CONS.HLDGS	30/12/1999	Floor trading participants (banks)	Entry of market orders in BOSS	BOSS
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		03/01/2000	OLGA participants	Release (-> correct delivery list)	LION
	Prior to international batch processing		04/01/2000	OLGA participants	Verification of settlement list, or settlement data carrier, dated 03/01/2000 (evening)	CASCADE
			04/01/2000	OLGA participants	Verification of securities processing	OLGA
			05/01/2000	OLGA participants	Verification of securities settlement	OLGA

2.1.2 CMTP02

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP02	Entry of a buy and sell order in BOSS (all exchanges)	GS WKN 103001 8,5 BUND ANL.V.91 DT.EINH. GS WKN 604843 HENKEL KGAA VZO O.N.	03/01/2000	Floor trading participants (banks)	Entry of market orders in BOSS	BOSS
	Verificiation of settlement notes in BOEGA		04/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.3 CMTP03

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP03	*Makler*: Entry of buy and sell orders and price fixing in BOSS	Instruments held in collective safe custody in production (except instruments used for BOSS simulation)	t (29/12/1999; 30/12/1999; 03/01/2000)	Makler	Entry of market orders in BOSS on behalf of test banks	BOSS
	Price fixing		t	Makler	Price fixing in BOSS	BOSS
			t+1	Makler	Online verification using the Makler log	BOEGA

2.1.4 CMTP04

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP04	*Makler*: Entry of buy and sell orders and price fixing in BOSS	Instruments held with AKV in production (except instruments used for BOSS simulation)	t (29/12/1999; 30/12/1999; 03/01/2000)	Makler	Entry of market orders in BOSS on behalf of test banks	BOSS
	Price fixing		t	Makler	Price fixing in BOSS	BOSS
			t+1	Makler	Online verification using the Makler log	BOEGA

2.1.5 CMTP05

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP05	Entry of orders in Xetra	GS WKN 717200 SCHERING AG O.N. GS WKN 113505 5,25 BUNDANL. V.98/10	29/12/1999	Xetra participants	Entry of orders in Xetra	Xetra
	Trade matching		29/12/1999	Xetra participants	Verification of trade confirmations	Xetra
	Verification of entries		30/12/1999	Xetra participants	Verification of reports to ascertain correct display of entries	Xetra
	Verificiation of settlement notes in BOEGA		30/12/1999	Xetra participants	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		30/12/1999	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		03/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 30/12/1999 (evening)	CASCADE
			03/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.6 CMTP06

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP06	Entry of orders in Xetra	AKV WKN 870547 AMER GRP LTD A AKV WKN 870747 MICROSOFT CORP.	30/12/1999	Xetra participants	Entry of orders in Xetra	Xetra
	Trade matching		30/12/1999	Xetra participants	Verification of trade confirmations	Xetra
	Verification of entries		03/01/2000	Xetra participants	Verification of reports to ascertain correct display of entries	Xetra
	Verificiation of settlement notes in BOEGA		03/01/2000	Xetra participants	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		03/01/2000	OLGA participants	Release (-> correct delivery list)	LION
	Prior to international batch processing		04/01/2000	OLGA participants	Verification of settlement list, or settlement data carrier, dated 03/01/2000 (evening)	CASCADE
			04/01/2000	OLGA participants	Verification of securities processing	OLGA
			05/01/2000	OLGA participants	Verification of securities settlement	OLGA

2.1.7 CMTP07

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP07	Entry of orders in Xetra	GS WKN 648300 LINDE AG GS WKN 114127 4,5 BUNDESOBL. V.98/03	03/01/2000	Xetra participants	Entry of orders in Xetra	Xetra
	Trade matching		03/01/2000	Xetra participants	Verification of trade confirmations	Xetra
	Verification of entries		04/01/2000	Xetra participants	Verification of reports to ascertain correct display of entries	Xetra
	Verificiation of settlement notes in BOEGA		04/01/2000	Xetra participants	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.8 CMTP08

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP08	Entry of OTC trades in Xetra	GS WKN 575800 HOECHST AG O.N. GS WKN 113487 7,25 BUNDANL.V.92	03/01/2000	Xetra participants	Entry of OTC trades in Xetra	Xetra
	Approval by counterparty		03/01/2000	Xetra participants	Approval of trades	Xetra
	Verification of entries		04/01/2000	Xetra participants	Verification of reports to ascertain correct display of entries	Xetra
	Verificiation of settlement notes in BOEGA		04/01/2000	Xetra participants	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.9 CMTP09

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP09	Entry of stop orders in Xetra	GS WKN 716463, SAP AG VZO O.N. GS WKN 109005, 6,625 TREUH.ANL 93/03	03/01/2000	Xetra participants	Entry of a buy stop order in Xetra (with a stop limit just above the last trade price Triggering of the order	Xetra
			03/01/2000	Xetra participants	Entry of a sell stop order in Xetra (with a stop limit just below the last trade price	Xetra
	Trade matching		03/01/2000	Xetra participants	Verification of trade confirmations	Xetra
	Verification of entries		04/01/2000	Xetra participants	Verification of reports to ascertain correct display of entries	Xetra
	Verificiation of settlement notes in BOEGA		04/01/2000	Xetra participants	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.10 CMTP10

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP10	Entry of OTC trades in BOEGA	AKV WKN 897791 ENI S.P.A. AKV WKN 413731 4,5 MEDIOBCA 94-00 RINASCENTE	29/12/1999	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		30/12/1999	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		30/12/1999	OLGA participants	Release (-> correct delivery list)	LION
	Prior to international batch processing		03/01/2000	OLGA participants	Verification of settlement list, or settlement data carrier, dated 30/12/1999 (evening)	CASCADE
			03/01/2000	OLGA participants	Verification of securities processing	OLGA
			05/01/2000	OLGA participants	Verification of securities settlement	OLGA

2.1.11 CMTP11

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP11	Entry of OTC trades in BOEGA	GS WKN 725750 METRO AG ST O.N. GS WKN 109007 6,25 TREUH.ANL 94/04	30/12/1999	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		03/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		04/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 03/01/2000 (evening)	CASCADE
			04/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.12 CMTP12

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP12	Entry of OTC trades in BOEGA	AKV WKN 873580 BAA PLC AKV WKN 231836 5,625 US TREASURY 2008	03/01/2000	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Release of trades (where applicable)		04/01/2000	OLGA participants	Release (-> correct delivery list)	LION
	Prior to international batch processing		05/01/2000	OLGA participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	OLGA participants	Verification of securities processing	OLGA

2.1.13 CMTP13

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP13	*Makler*: Entry of intermediated trades in BOEGA for 2 test banks	Instruments held in collective safe custody in production (except instruments used for BOSS simulation)	t (29/12/1999; 30/12/1999; 03/01/2000)	Makler	Entry of OTC trades on behalf of two test banks	BOEGA
			t+1	Makler	Online verification using the Makler log	BOEGA

2.1.14 CMTP14

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP14	*Makler*: Entry of intermediated trades in BOEGA for 2 test banks	Instruments held with AKV in production (except instruments used for BOSS simulation)	t (29/12/1999; 30/12/1999; 03/01/2000)	Makler	Entry of OTC trades on behalf of two test banks	BOEGA
			t+1	Makler	Online verification using the Makler log	BOEGA

2.1.15 CMTP15

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP15	Entry of OTC trades in BOEGA, followed by reversal and re-entry	GS WKN 627500 KARSTADT AG GS WKN 114125 5 BUNDESOBL.V.97/02	30/12/1999	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
	Reversal		03/01/2000	Floor trading participants (banks)	Reversal of OTC trades	BOEGA
	Re-entry of trades		03/01/2000	Floor trading participants (banks)	Re-entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		04/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s) (reversal / re-entry)	BOEGA
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.16 CMTP16

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP16	Entry of ancillary right “ex dividend” for a foreign share in BOSS	AKW WKN 877355 SMITHKLINE BEECH. LS-0625	30/12/1999	Internal price fixing process	Entry of ancillary right “ex dividend”, effective 04/01/2000	BOSS
	Entry of orders		30/12/1999	Floor trading participants (banks)	Entry of market orders in BOSS	BOSS
			03/01/2000	Floor trading participants (banks)	Verification of automatic order deletion	BOSS
	Entry of orders		03/01/2000	Floor trading participants (banks)	Entry of market orders in BOSS	BOSS
			04/01/2000	Floor trading participants (banks)	Limit orders deleted	BOSS
			04/01/2000	Floor trading participants (banks)	Verification of ancillary rights code using “ex dividend” message	BOSS

2.1.17 CMTP17

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP17	Entry of OTC trades in BOEGA Dividend payment, ex day 03/01/2000	GS WKN 802200 BAY.HYPO-VEREINSBK. O.N.	30/12/1999	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
			30/12/1999	CASCADE participants	Verification of KVGI disposition display	KADI
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
			03/01/2000	CASCADE participants	Verification of final income payment on the position, using disposition display KVGI. Verification of daily cash account statement with respect to the posting of an offsetting entry for the pending transaction, using text code 56 (text code 61 for dividends, 63 for commissions). Verification of personalised cover letters - pending transactions, concerning offsetting entries from the pending trade. Verification of KADI cash data carrier	KADI
	Release of trades (where applicable)		03/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		04/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 03/01/2000 (evening)	CASCADE
			04/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.18 CMTP18

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP18	Entry of OTC trades in BOEGA Dividend payment, ex day 04/01/2000	GS WKN 765800 VOGEL AG BETEILIG.	03/01/2000	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
			30/12/1999	CASCADE participants	Verification of KVGI disposition display	KADI
			03/01/2000	CASCADE participants	Verification of KVGI disposition display	KADI
	Verificiation of settlement notes in BOEGA		04/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
			04/01/2000	CASCADE participants	Verification of final income payment on the position, using disposition display KVGI. Verification of daily cash account statement with respect to the posting of an offsetting entry for the pending transaction, using text code 56 (text code 61 for dividends, 63 for commissions). Verification of personalised cover letters - pending transactions, concerning offsetting entries from the pending trade. Verification of KADI cash data carrier	KADI
	Release of trades (where applicable)		04/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		05/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 04/01/2000 (evening)	CASCADE
			05/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.1.19 CMTP19

ID	Description	Instrument	Day	Simulation participants	Activity	System
CMTP19	Entry of OTC trades in BOEGA Redenomination, ex day 03/01/2000	GS WKN 350406 4,13 FUCHS PETROL. WDL.97	30/12/1999	Floor trading participants (banks)	Entry of OTC trades between two floor trading participants (banks)	BOEGA
	Verificiation of settlement notes in BOEGA		03/01/2000	Floor trading participants (banks)	Verificiation of settlement notes or settlement note data carrier(s)	BOEGA
			03/01/2000	CASCADE participants	Verification of personalised cover letter – position redenomination and personalised cover letter – redenomination of pending trade	KADI
			03/01/2000	CASCADE participants	Verification of settlement list or settlement data carrier regarding redenomination of positions	CASCADE
	Release of trades (where applicable)		03/01/2000	CASCADE participants	Release (-> correct delivery list)	LION
	Following STD processing		04/01/2000	CASCADE participants	Verification of settlement list, or settlement data carrier, dated 03/01/2000 (evening)	CASCADE
			04/01/2000	CASCADE participants	(Online) verification of securities settlement	CASCADE

2.2 Derivatives Market

2.2.1 DMTP01

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP01	Order entry	Options products: OSTK (SIE, CSGN), ODAX, OSMI, OGBM, OEU3	29/12/1999 / 30/12/1999	Eurex participants	Opening of positions: Long call Short call Long put Short put	Eurex
			30/12/1999 / 03/01/2000	Eurex participants	Verification of reports RPTTC810, RPTTC530, RPTTC540, RPTTC550 and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.2 DMTP02

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP02	Order entry	Futures products: FDAX, FSMI, FGBM, CONF, FLI3, LIB3	29/12/1999 / 30/12/1999	Eurex participants	Opening of long and short positions.	Eurex
			30/12/1999 / 03/01/2000	Eurex participants	Verification of reports RPTTC810, RPTTC530, RPTTC540, RPTTC550 and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.3 DMTP03

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP03	Processing of open orders	FEU3	30/12/1999	Eurex participants	Entry of limit orders valid until 05/01/2000 (avoiding the matching of trades)	Eurex
			03/01/2000	Eurex participants	Verification of correct entries using report RPTTC550. Deletion of orders	Eurex
			04/01/2000	Eurex participants	Verification of report TC540 to ascertain that the deletion was successful	Eurex

2.2.4 DMTP04

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP04	Processing of open orders for futures combinations	FEU3	30/12/1999	Eurex participants	Entry of GTC futures combination orders (avoiding the matching of trades)	Eurex
			03/01/2000	Eurex participants	Activation of held futures combination order; verification of report RPTTC550. Deletion of orders	Eurex
			04/01/2000	Eurex participants	Verification of report TC540 to ascertain that the deletion was successful	Eurex

2.2.5 DMTP05

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP05	Order entry	Options products: OSTK (SIE, CSGN) ODAX, OSMI OGBM, OEU3	03/01/2000	Eurex participants	Opening of positions: Long call Short call Long put Short put	Eurex
			04/01/2000	Eurex participants	Verification of reports RPTTC810, RPTTC530, RPTTC540, RPTTC550 and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.6 DMTP06

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP06	Order entry	Futures products: FDAX, FSMI FGBM, CONF FLI3, LIB3	03/01/2000	Eurex participants	Opening of long and short positions.	Eurex
			04/01/2000	Eurex participants	Verification of reports RPTTC810, RPTTC530, RPTTC540, RPTTC550 and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.7 DMTP07

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP07	Quote entry	OGBM, CONF	03/01/2000	Eurex participants	Opening of long and short positions.	Eurex
			04/01/2000	Eurex participants	Verification of reports RPTTC530 and RPTTC810 to ascertain that all entries were successful	Eurex

2.2.8 DMTP08

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP08	Entry of stop orders	FDAX	03/01/2000	Eurex participants	Entry of stop orders, with stop limits close to the last traded price; subsequent entry of limit orders triggering the stop orders	Eurex
			03/01/2000	Eurex participants	Verification as to whether the stop orders have been triggered and are active in the market, as market orders.	Eurex
			04/01/2000	Eurex participants	Verification of report RPTTC540 to ascertain that all entries were successful	Eurex

2.2.9 DMTP09

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP09	Entry of block trades	ODAX	03/01/2000	Eurex participants	Entry of block trades, subject to arrangements with another participant: Entry of block trade by the buyer of the option Ratification by the seller of the option	Eurex
			04/01/2000	Eurex participants	Verification of reports RPTTC545, RPTTC810and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.10 DMTP10

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP10	Entry of basis trades	FGBM GS WKN 113495 7,5 BUNDANL.V. 94/04	03/01/2000	Eurex participants	Entry of basis trades, subject to arrangements with another participant: Entry of basis trade by the futures buyer Ratification by the futures seller	Eurex
			04/01/2000	Eurex participants	Verification of reports RPTTC810and RPTCB010 to ascertain that all entries were successful	Eurex

2.2.11 DMTP11

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP11	Historical give-ups	ODAX	30/12/1999	Eurex participants	Opening of positions in the agent account (A1)	Eurex
			03/01/2000	Eurex participants	Give-up of trade dated 30/12/1999 on 03/01/2000	Eurex
			03/01/2000	Eurex participants	Verification on screen N010	Eurex
			04/01/2000	Eurex participants	Verification of reports CB010 - Position Detail Report, CB130, CB140, CB150, CB160	Eurex

2.2.12 DMTP12

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP12	Historical Trade Transfer	FGBM	30.12..99	Eurex participants	Opening of an agent account (A1) or proprietary account (P1, P2) position	Eurex
			03/01/2000	Eurex participants	Transfer of trade from 30/12/1999 to 03/01/2000	Eurex
			03/01/2000	Eurex participants	Verification on screens F050/F100	Eurex
			04/01/2000	Eurex participants	Verification of reports CB010 - Position Detail Report, CB130, CB140, CB150, CB160	Eurex

2.2.13 DMTP13

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP13	Opening of positions	OSTK (SIE) GS WKN 723600 SIEMENS AG	29/12/1999	Eurex participants	Opening of long positions	Eurex
	Exercises of equity options		30/12/1999	Eurex participants	Exercise of an equity option by the holder of a long position	Eurex
	Assignment has occurred		03/01/2000	Eurex participants	Verification of Daily Exercise and Assign Summary Report (CE070)	Eurex
			03/01/2000	CASCADE participants	Verification of exercise data carrier	CASCADE
			04/01/2000	CASCADE participants	Verification of settlement data carrier	CASCADE

2.2.14 DMTP14

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP14	Opening of positions	OSTK (SIE) GS WKN 723600 SIEMENS AG	30/12/1999	Eurex participants	Opening of long positions	Eurex
	Exercises of equity options		03/01/2000	Eurex participants	Exercise of an equity option by the holder of a long position	Eurex
	Assignment has occurred		04/01/2000	Eurex participants	Verification of Daily Exercise and Assign Summary Report (CE070)	Eurex
			04/01/2000	CASCADE participants	Verification of exercise data carrier	CASCADE
			05/01/2000	CASCADE participants	Verification of settlement data carrier	CASCADE

2.2.15 DMTP15

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP15	Opening of positions	OGBM	29/12/1999	Eurex participants	Opening of long positions	Eurex
	Exercises of options on futures		30/12/1999	Eurex participants	Exercise of a future option by the holder of a long position	Eurex
	Assignment has occurred		03/01/2000	Eurex participants	Verification of Option on Futures Exercise Assignment Summary Report (CE071)	Eurex

2.2.16 DMTP16

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP16	Opening of positions	OGBM	30/12/1999	Eurex participants	Opening of long positions	Eurex
	Exercises of options on futures		03/01/2000	Eurex participants	Exercise of a futures option by the holder of a long position	Eurex
	Assignment has occurred		04/01/2000	Eurex participants	Verification of Option on Futures Exercise Assignment Summary Report (CE071)	Eurex

2.2.17 DMTP17

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP17	Physical delivery of a German underlying instrument to 2 CASCADE participants	OSTK (DRB) GS WKN 804610 DRESDNER BANK AG O.N.	29/12/1999	Eurex participants	Opening of long positions	Eurex
			29/12/1999	Eurex participants	Exercise of options	Eurex
			30/12/1999	Eurex participants	Verification of Delivery List Sale (CE110) and Delivery List Buy (CE111)	Eurex
			30/12/1999	CASCADE participants	Verification of exercise data carrier; when using the 'positive procedure', the exercised trades must be released by deactivating the settlement block, using KVAS SA.	CASCADE
			03/01/2000	CASCADE participants	Verification of settlement list/data carrier(s)	CASCADE
			04/01/2000	Eurex participants	Verification of reports CE 100 Settled Delivery CE 080 Pending Delivery	Eurex

2.2.18 DMTP18

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP18	Physical delivery of a German underlying instrument to 2 CASCADE participants	OSTK (DRB) GS WKN 804610 DRESDNER BANK AG O.N.	30/12/1999	Eurex participants	Opening of long positions	Eurex
			30/12/1999	Eurex participants	Exercise of options	Eurex
			03/01/2000	Eurex participants	Verification of Delivery List Sale (CE110) and Delivery List Buy (CE111)	Eurex
			03/01/2000	CASCADE participants	Verification of exercise data carrier; when using the 'positive procedure', the exercised trades must be released by deactivating the settlement block, using KVAS SA.	CASCADE
			04/01/2000	CASCADE participants	Verification of settlement list/data carrier(s)	CASCADE
			05/01/2000	Eurex participants	Verification of reports CE 100 Settled Delivery CE 080 Pending Delivery	Eurex

2.2.19 DMTP19

ID	Description	Product	Day	Simulation participants	Activity	System
DMTP19	Physical delivery of a German underlying instrument to 2 CASCADE participants	OSTK (DRB) GS WKN 804610 DRESDNER BANK AG O.N.	03/01/2000	Eurex participants	Opening of long positions	Eurex
			03/01/2000	Eurex participants	Exercise of options	Eurex
			04/01/2000	Eurex participants	Verification of Delivery List Sale (CE110) and Delivery List Buy (CE111)	Eurex
			04/01/2000	CASCADE participants	Verification of exercise data carrier; when using the 'positive procedure', the exercised trades must be released by deactivating the settlement block, using KVAS SA.	CASCADE
			05/01/2000	CASCADE participants	Verification of settlement list/data carrier(s)	CASCADE

2.2.20 DMTP20

ID	Description	Instrument	Day	Simulation participants	Activity	System
DMTP20	Pledging of eligible German securities as collateral with DBC by CASCADE participants	GS WKN 109001 7,375 TREUH.ANL. V.92	30/12/1999	CASCADE participants	Pledging of collateral into the Eurex pledged securities account with DBC. (Entry using KVEE-WE and parameter RTS; alternatively LIMA message MT523). Removal of the settlement block, using the KVAS-SA command (if required).	CASCADE
			03/01/2000	Eurex participants	Verification of Daily Security Movement and Coverage Report (CD020) (not available to NCMs)	Eurex

2.2.21 DMTP21

ID	Description	Instrument	Day	Simulation participants	Activity	System
DMTP21	Pledging of eligible German securities as collateral with DBC by CASCADE participants	GS WKN 109001 7,375 TREUH.ANL. V.92	03/01/2000	CASCADE participants	Pledging of collateral into the Eurex pledged securities account with DBC. (Entry using KVEE-WE and parameter RTS; alternatively LIMA message MT523). Removal of the settlement block, using the KVAS-SA command (if required).	CASCADE
			04/01/2000	Eurex participants	Verification of Daily Security Movement and Coverage Report (CD020) (not available to NCMs)	Eurex

2.3 Clearing

2.3.1 CTP01

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP01	Individual entry *WPU Domestic* with countervalue on 29/12/1999, STD or LIMA/SWIFT, settlement in euro on 03/01/2000	GS WKN 515100 BASF AG O.N.	29/12/1999	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; subsequent validation, or corresponding LIMA message MT523 or SWIFT MT523.	CASCADE
			29/12/1999	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) and subsequent validation or corresponding LIMA message MT521 or SWIFT MT521. Online verification of the matching status.	CASCADE
			03/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			03/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			03/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.2 CTP02

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP02	Individual entry *WPU Domestic* with countervalue on 29/12/1999, STD or LIMA/SWIFT, settlement in euro on 03/01/2000	GS WKN 803200 COMMERZBANK AG O.N.	03/01/2000	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; subsequent validation, or corresponding LIMA message MT523 or SWIFT MT523.	CASCADE
			03/01/2000	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) and subsequent validation or corresponding LIMA message MT521 or SWIFT MT521. Online verification of the matching status.	CASCADE
			04/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			04/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			04/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.3 CTP03

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP03	Individual entry *WPU Domestic* without countervalue on 30/12/1999, STD, for settlement on 03/01/2000	GS WKN 103000 8,75 BUND ANL.V.90 DT.EINH.	30/12/1999	CASCADE participants	Entry of instruction KVEE-WE (outgoing) with parameter STD; subsequent validation, or corresponding LIMA message MT522 or SWIFT MT522.	CASCADE
			03/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			03/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE

2.3.4 CTP04

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP04	Individual entry *WPU Domestic* without countervalue on 04/01/2000, STD, for settlement on 05/01/2000	GS WKN 113953 7,75 BUNDESSCH. BR.A 1995/3	04/01/2000	CASCADE participants	Entry of instruction KVEE-WE (outgoing) with parameter STD; subsequent validation, or corresponding LIMA message MT522 or SWIFT MT522.	CASCADE
			05/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			05/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE

2.3.5 CTP05

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP05	Individual entry *WPU Domestic* with countervalue on 05/01/2000, SDS/immediate processing (entry until 09:00 for 1st SDS) or LIMA/SWIFT, settlement in euro on 05/01/2000	GS WKN 766400 VOLKSWAGEN AG ST O.N.	05/01/2000	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter SDS/immediate processing; subsequent validation, or corresponding LIMA message MT523 or SWIFT MT523.	CASCADE
			05/01/2000	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) and subsequent validation, or corresponding LIMA message MT521 or SWIFT MT521.	CASCADE
			05/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			05/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			05/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.6 CTP06

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP06	Individual entry *WPU Domestic* with countervalue on 30/12/1999, STD, without validation, settlement in euro on 03/01/2000 Validation to be carried out on 03/01/2000, until 09:00	GS WKN 761440 VEBA AG	30/12/1999	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; without validation	CASCADE
			30/12/1999	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) without validation	CASCADE
			03/01/2000	CASCADE participants	Verification of list of unreleased instructions	CASCADE
			03/01/2000	CASCADE participants	Verification of matching instructions (sale)	CASCADE
			03/01/2000	CASCADE participants	Verification of matching instructions (purchase)	CASCADE
			03/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			03/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			03/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.7 CTP07

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP07	Individual entry *WPU Domestic* with countervalue on 04/01/2000, STD, without validation, settlement in euro on 05/01/2000; Validation to be carried out on 05/01/2000, until 09:00	GS WKN 109009 7.5 TREUH.ANL 94/04	04/01/2000	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; without validation	CASCADE
			04/01/2000	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) without validation	CASCADE
			05/01/2000	CASCADE participants	Verification of list of unreleased instructions	CASCADE
			05/01/2000	CASCADE participants	Verification of matching instructions (sale)	CASCADE
			05/01/2000	CASCADE participants	Verification of matching instructions (purchase)	CASCADE
			05/01/2000	CASCADE participants	Verification of settlement list, settlement data carrier or KVDU account transaction display	CASCADE
			05/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			05/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.8 CTP08

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP08	Entry of securities transfer with countervalue (*WUG*) on 29/12/1999, for value date 03/01/2000, settlement in EUR; *Note:* Countervalue < EUR 50,000, counterparties must be participants of DBC Ausland	AKV WKN 876178 AMSTRAD PLC	29/12/1999	OLGA participants	Online entry OKED-NA without validation by participant (OKKO), using transaction type WUG	OLGA
			03/01/2000	OLGA participants	Verification of pending-items list	OLGA
			03/01/2000	OLGA participants	Validation of transaction by the participant (OKKO) and release in the new year	OLGA
			03/01/2000	OLGA participants	Verification of settlement for delivered trade, using OKAN-DA	OLGA
			04/01/2000	OLGA participants	Verification of: - Positions and transactions displayed in *INPD* and *INUM* - Cash posting, using *UMS1* or *UMS2*	OLGA

2.3.9 CTP09

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP09	Entry of securities transfer with countervalue (*WUG*) on 03/01/2000, for value date 03/01/2000, settlement in EUR; *Note:* Countervalue < EUR 50,000, counterparties must be participants of DBC Ausland	AKV WKN 406765 8,5 EIB EUR. INV.BK 92/04	03/01/2000	OLGA participants	Online entry OKED-NA with validation by participant (OKKO or SWIFT File – MT580 via LIMA), using transaction type WUG	OLGA
			03/01/2000	OLGA participants	Verification of settlement for delivered trade, using OKAN-DA	OLGA
			04/01/2000	OLGA participants	Verification of: - Positions and transactions displayed in *INPD* and *INUM* - Cash posting, using *UMS1* or *UMS2*	OLGA

2.3.10 CTP10

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP10	Entry of securities transfer without countervalue (*WPU*) on 30/12/1999, for value date 03/01/2000; Counterparties must be participants of DBC-Ausland	AKV WKN 852009 PFIZER INC.	30/12/1999	OLGA participants	Online entry OKED-NA without validation by participant (OKKO), using transaction type WPU	OLGA
			03/01/2000	OLGA participants	Verification of pending-items list	OLGA
			03/01/2000	OLGA participants	Validation of transaction by the participant (OKKO) and release in the new year	OLGA
			03/01/2000	OLGA participants	Verification of settlement for delivered trade, using OKAN-DA	OLGA
			04/01/2000	OLGA participants	Verification of: - Positions and transactions displayed in *INPD* and *INUM*	OLGA

2.3.11 CTP11

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP11	Entry of securities transfer without countervalue (*WPU*) on 04/01/2000, for value date 04/01/2000; Counterparties must be participants of DBC-Ausland	AKV WKN 402252 9,125 UTD KINGDOM 91/01	04/01/2000	OLGA participants	Online entry OKED-NA with validation by participant (OKKO or SWIFT File – MT580 via LIMA), using transaction type WPU	OLGA
			04/01/2000	OLGA participants	Verification of settlement for delivered trade, using OKAN-DA	OLGA
			05/01/2000	OLGA participants	Verification of: - Positions and transactions displayed in *INPD* and *INUM*	OLGA

2.3.12 CTP12

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP12	Dividend payments Ex day 03/01/2000	GS WKN 849100 UNIFONDS	30/12/1999	CASCADE participants	Verification of KVGI disposition display	KADI
			03/01/2000	CASCADE participants	Verification of final income payment in KVGI. Verification of daily cash account statement (text code 61 for dividends, 63 for commissions); or verification of cash data carrier for the dividend payment.	KADI

2.3.13 CTP13

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP13	Total redemption via KADI on 04/01/2000 Clearing via LZB (instrument with maturity on 04/01/2000)	GS WKN 288148 7 STSPK.MUENCHEN IS.S159	30/12/1999		Verification of KVGI disposition display	KADI
			04/01/2000	CASCADE participants	Verification of final redemption payment in KVGI. Verification of daily cash account statement (text code 62 for redemptions, 63 for commissions). Verification of personalised cover letter – redemption/withdrawal. Verification of cash data carrier.	KADI
			04/01/2000	CASCADE participants	Verification whether the position was taken off the books, using the settlement list or the settlement data carrier.	CASCADE

2.3.14 CTP14

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP14	Individual entry *WPU Domestic* with countervalue on 03/01/2000, STD or LIMA/SWIFT, settlement in euro on 04/01/2000 Redenomination; ex day 04/01/2000	GS WKN 600173 HACH AG VZO	03/01/2000	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; subsequent validation, or corresponding LIMA message MT523 or SWIFT MT523.	CASCADE
			04/01/2000	CASCADE participants	Verification of personalised cover letter TA234 – position redenomination and personalised cover letter – redenomination of pending trade	KADI
			04/01/2000	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) and subsequent validation or corresponding LIMA message MT521 or SWIFT MT521, including indication of changed nominal amount. Online verification of the matching status. Inquiry for the instructions.	CASCADE
			04/01/2000	CASCADE participants	Verification of settlement list or settlement data carrier(s) from 1st SDS	CASCADE
			04/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE
			04/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

2.3.15 CTP15

ID	Description	Instrument	Day	Simulation participants	Activity	System
CTP15	Individual entry *WPU Domestic* with countervalue on 03/01/2000, STD or LIMA/SWIFT, settlement in euro on 04/01/2000 Dividend payment; ex day 04/01/2000	GS WKN 634800 KABEL RHEYDT AG	03/01/2000	CASCADE participants	Entry of instruction KVEE-WE (sale) with parameter STD; subsequent validation, or corresponding LIMA message MT523 or SWIFT MT523.	CASCADE
			03/01/2000	CASCADE participants	Entry of matching instruction KVEE-MI (purchase) and subsequent validation, or corresponding LIMA message MT521 or SWIFT MT521.	CASCADE
			04/01/2000	CASCADE participants	Verification of final income payment on the position, using disposition display KVGI. Verification of daily cash account statement with respect to the posting of an offsetting entry for the pending transaction, using text code 88 (text code 61 for dividends, 63 for commissions). Verification of personalised cover letters - pending transactions, concerning offsetting entries from the pending trade. Verification of KADI cash data carrier	KADI
			04/01/2000	CASCADE participants	Verification of settlement list or settlement data carrier(s) from 1st SDS	CASCADE
			04/01/2000	CASCADE participants	Verification of list of valid instructions	CASCADE

			04/01/2000	CASCADE participants	Verification of matching instructions entered by the counterparty	CASCADE

3 Simulation Participants

This chapter provides a list of participants for each simulation cycle, as of 30 March 1999.

This information is designed to facilitate the conclusion of OTC trades in BOEGA, Xetra® and Eurex® and the entry of transactions in the clearing systems.

This information is confidential.

3.1 Simulation Cycle #1

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
A&A Actienbank GmbH (Sakura)	X		X	Ronald Moore	069/95968131
All Options International B.V.	X	X		Allard Jakobs	0031-209213880
Allers Börsenhandel GmbH	X	X		Dirk Allers	04741/914243
Allianz Kapitalanlagegesellschaft mbH			X	Dr. Michael Hager	0711/663 3042
Andreas Tremmel Börsenmakler GmbH	X	X	X	Andreas Tremmel	069/284093
Archelon Deutschland GmbH	X	X		Frank Neumann	069-913058-0
B. Metzler seel. Sohn & Co. KGaA	X	X	X	Reiner Sichelschmidt	069/2104-645
Baader Wertpapierhandelsbank AG	X	X	X	Thomas Wiegelmann	069/13881-262
Bach-Hülsberg Wertpapierhandelsgesellschaft mbH	X	X		Hans-Joachim Hülsberg	0211-3238031
Bank für Sozialwirtschaft AG	X		X	Beate Babel	0221/97356-254
Bank Julius Bär (Deutschland) AG	X	X	X	Wolfgang Schwarz	069/75696-280
Bank of Tokyo-Mitsubishi (Deutschland) AG	X	X	X	Thomas Grol	069/7176-330
Bankers Trust International plc	X		X	Graham Cox	0044 171/982 2500

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Bankers Trust International plc. (Frankfurt branch)	X	X	X	Christine Dannewitz	069/15301-315
Bankgeschäft Anton Hafner	X		X	Max Kriener	0821/34650-23
Bankhaus Bauer AG	X		X	Herr Sautter	0711/182 99-20
Bankhaus Ellwanger & Geiger	X	X	X	Frank Unger	0711/2148-140
Bankhaus Hallbaum, Maier AG & Co. Kommanditgesellschaft	X	X	X	Horst Ahlig	0511/3012-206
Bankhaus Löbbecke & Co. Niederlassung Frankfurt	X	X	X	Heinz Dieruff	069-75305-352
Bankhaus Maffei & Co. GmbH	X		X	Manuela Zinner	089/23699-300
Bankhaus Neelmeyer AG	X	X	X	Andrea Erlach	0421/3603-460
Bankhaus Partin & Co	X		X	Günther Hofmann	07931/592-670
Bankhaus Reuschel & Co.	X	X	X	Christian Zitzelsberger	089-2395-157
Barclays Bank PLC Frankfurt Branch	X		X	Andrea Repp	069/7161-1010
Bayerische Hypo- und Vereinsbank AG (BVMMU)	X	X	X	Dr. Harald Röh	089/378-46623
Bayerische Landesanstalt für Aufbaufinanzierung	X		X	Dr. Gerhard Mahler	089/2124-2346
BFI Bank AG			X	Herr Wegmann	0351/8290-35
BHW Bank AG	X	X	X	Udo Schaper	05151-182186
Bremer Landesbank -Girozentrale- Kreditanstalt Oldenburg	X	X	X	Petra Schlichting	0421/332-2856
Bruker Wertpapierhandelsgesellschaft mbH	X	X		Bernd Klinsmann	0711-22298940
BWB Wertpapierdienstleistung GmbH	X	X	X	Fred Werner	0421/32-1282
C.M. Capital Markets Futures S.A. A.V.	X	X		Joaquin Aguirre	00349-1/509-6200
Caisse des Dépots et Consignations GmbH	X		X	Ulrich W. Regh	069/97133-154
CDC Marchés Zweigniederlassung Deutschland	X		X		069/97153-0
Chase Manhattan Bank AG	X		X	Alireza Mirzazadeh	069/71584-308
Christian Kalischer Warnholtz, Lübbe, Kalischer & Schulz GmbH	X	X		Wolfgang Schulz	040/372934
CMT Capital Markets Trading GmbH	X	X		Nathan Thomas	069 - 17 00 81 -33

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Conrad Hinrich Donner Bank Aktiengesellschaft	X	X	X	Horst Meier	040/30217-360
Dai-Ichi Kangyo Bank (Deutschland) AG	X		X	Titus Schiefer	069/1700050
Deutsche Ausgleichsbank	X		X	Georg Schlinge	0228/831-2917
Deutsche Verkehrs-Bank AG	X	X	X	Jürgen Haupt	069/97504600
Dexia Hypothekenbank Berlin AG	X		X	Frank Plaster	030/25598-120
DGZ DekaBank Deutsche Kommunalbank	X	X	X	Günter Fromm	069/7147-2435
Die Sparkasse in Bremen	X	X	X	Wolf Dieter Ingelbrink	0421/179-2301
Diederich Kursmaklergesellschaft mbH	X	X		Rudolf Strauß	030/89606-107
Direkt-Anlage Bank AG	X	X	X	Pete Morrisroe	089-50068-0
Dresdner Bank AG	X	X	X	Erwin Bauer	069/263-4935
Extra Clearing B.V.	X	X		K.J. Hoogendyk	0031-20-5301301
Fimat International Banque S.A. (Frankfurt Branch)	X	X	X	Götz Keller	069-7107-753
Firma Gerhard Anhoff	X	X			030-3127-891
Firma Wolfgang Koethe	X	X			030-3121393
Frankfurter Sparkasse	X	X	X	Dietmar Stroh	069-2641-2585
Gerald Claus - Kursmakler - SWG Stuttgarter Wertpapierhandelsgesellschaft mbH	X	X			
German Brokers Aktiengesellschaft	X	X			069-845484
Hamburger Sparkasse	X	X	X	Ralf Odebrett	040/3579-4884
Hamburgische Landesbank - Girozentrale -	X	X	X	Jürgen Preuß	040/3333-3415
Heinrich Gontard & Co. Aktiengesellschaft	X	X	X	Klaus Hennlein	069/69816-125
Herbert Bendel Börsenmakler GmbH	X	X			069-280098
Herrn Detlef Lübbe Warnholtz, Lübbe, Kalischer & Schulz GmbH	X	X		Wolfgang Schulz	040/372934
Herrn Rolf Warnholtz, Warnholtz, Lübbe, Kalischer & Schulz GmbH	X	X		Wolfgang Schulz	040/372934

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
HSBC Investment Bank plc	X	X			0044 171-3365238
Hull Trading GmbH	X	X		Gregory C. Weiss	069-97200-530
Hypothekenbank in Essen AG	X		X	Ralf Kruse	0201/8135-433
ING Bank N.V.	X	X		Edwin Hulst	0031-20/5207083
ING Baring Futures & Options (UK) Ltd.	X	X			0044-171/410 9944
Invesco Bank Deutschland oHG	X	X	X	Matthias Biedenkapp	069/29807-281
J.P. Morgan Securities Ltd.	X	X	X	Patrick Ward	0044-171/325-8779
Josef Huf Kursmakler	X	X			
Karlheinz Pfeiffer Wertpapierhandelsgesellschaft mbH	X	X		Karlheinz Pfeiffer	0711 222 989 80
Klaus Dieter Dahm - Kursmakler - HKM Hamburger Kurs- und Freimaklergesellschaft mbH	X	X			040-537-3996
KMD Klaus Mathis Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X		Klaus Mathis	0211/8902153
Kredietbank-Bankverein AG Niederlassung Frankfurt	X	X	X	Herr Rammelo	0421-3684-456
Kreissparkasse Köln	X	X	X	H. Bernsen	0221/227-2799
Kreissparkasse Siegburg	X	X	X	Fritz Broszehl	02241/1006-17
Landesbank Baden-Württemberg	X	X	X	Herr Packmohr	0711/124-7087
Landesbank Saar Girozentrale	X	X	X	Willi Mildau	0681/383-1506
Landesbank Schleswig-Holstein, Girozentrale	X	X	X	Peter Biell	0431/900-2081
Landeskreditbank Baden-Württemberg Förderbank	X		X	Holger Mertens	0721/150-1902
Lang & Schwarz Wertpapierhandel AG	X	X		Thomas Lang	0211-1384-0-0
Leonia Bank plc.	X	X		Pasi Korhonen	00358-204/255249
M.M. Warburg Bank & Co. Kommanditgesellschaft auf Aktien	X	X	X	Klaus Rommel	040/3282-2457
Mainzer Volksbank eG	X		X	Christian Trexler	06131/148287
MeesPierson Financial Products GmbH	X	X		Gerd Schelbert	069/715873-00

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Mittelbrandenburgische Sparkasse	X		X	Herr Jacob	0331/89-22020
Morgan Stanley & Co. International Ltd.	X	X	X	Herr Dawes	0044-171/4258 921
Morgan Stanley Bank AG	X	X	X	Andreas Lohr	069-2166-2116
MTBC Bank Deutschland GmbH	X		X	Herr Caspari	069-257902
Münchner Kapitalanlage AG			X	Herr Dosch	089-51492-0
Nassauische Sparkasse	X	X	X	Peter Seifert	0611/364047-21
National-Bank AG	X	X	X	Herr Wieneke	0201/8115-465
NFP Nordic Financial Products Ltd.	X	X		Per-Johan West	00358-6/3180611
Nürnberger Hypothekenbank AG	X		X	Herr Scharowsky	0911/2027-222
Oldenburgische Landesbank AG	X	X	X	Karl-Heinz Wedemeyer	0441-221-1323
Optrix B.V.	X	X		J.H.M. Paguay	0031-20/557 1130
Probank GmbH	X	X	X	Monika Bremer	089/54000-699
Quelle Bank AG	X	X	X	Martin Rauch	0911-149-2030
Raiffeisenbank Reutte Zweigniederlassung Jungholz	X	X	X	Christian Angerer	0043-5672/6900-300
Reich & Partner GmbH	X	X		Herr Wedersand	069-299801-0
Robert Fleming (Deutschland) GmbH	X	X	X	Thomas Freise	069-15209-168
Rüdiger Hinkel Wertpapierhandels GmbH	X	X			
Saratoga	X	X		Kevin Sweet	0044-171/329-0339
Schenk, Pesch & Co. GmbH	X	X		Herr Riechmann	0211-32 05 58
Schröder Münchmeier Hengst AG	X	X	X	Ulrich Rauschkolb	069/21799-66
Seydler AG	X	X		Klaus Ding	069-138 132 71
Siegfried Müller Wertpapierhandelsgesellschaft mbH	X	X		Siegfried Müller	
Skandinaviska Enskilda Banken AG	X	X	X	Norbert Hauck	069/92021-150
SMS-Sobota, Maier & Stopp Kursmaklerhandelsgesellschaft mbH	X	X		Wolfgang Sobota	089/55190881

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Société Générale S.A. Zweigniederlassung Frankfurt	X	X	X	Dieter Stefan	069-7174-178
Stadtsparkasse Hannover			X	Corinna Becker	0511-346-2706
Stadtsparkasse Mönchengladbach	X	X	X	Werner Hintzen	02161/2793-475
Stadtsparkasse München	X	X	X	Andreas Geustorfer	089-2167-6317
Stuttgarter Bank AG	X	X	X	Herr Müller	0711-181-2399
Südwestdeutsche Landesbank			X		069-29975-0
Tacken Börsenmakler GmbH	X	X		Martin Tacken	0211-323-9096
Thomas Munz - Kursmakler - SWG Stuttgarter Wertpapierhandelsgesellschaft mbH	X	X		Thomas Munz	0711/22298970
Timber Hill (Europe) AG	X	X		Albert Lukasczik	001203/618-5843
Tokai Bank (Deutschland) GmbH	X		X	Wolfgang Schmidt	069/17009519
UBS AG Warburg Dillon Read	X	X	X	Reto Stutz	0041-1/239 5912
Vereins- und Westbank AG Zentralbereich Wertpapiere	X	X	X	Dr. Harald Röh	089/37846623
VICTORIA Kapitalanlagegesellschaft			X	Herr Rotter	089/6275-2791
Volksbank Hannover eG	X	X	X	Jonny Masur	
Warburg Dillon Read AG	X	X	X	Michael Kieninger	069/1369-1211
Werner Meyer Kursmakler	X	X		Stefan de Haan	0421-321-491
Wolfgang Hein	X	X		Wolfgang Hein	040/369893-0
Wolfgang Schulz, Warnholtz, Lübbe, Kalischer & Schulz GmbH	X	X		Wolfgang Schulz	040/372934
Wolfgang Steubing GmbH	X	X		Otto Braun	069-29 71 6-103
WPS WertpapierService Bank AG	X	X	X	Peter Kirchner	0211/826-9624
Wüstenrot Bank AG	X	X	X	Ralf Schynowski	07141/16-5038
Wüstenrot Hypothekenbank AG	X		X	Herr Weis	07141/16-5610

3.2 Simulation Cycle #2

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Àndré Liermann - Kursmakler - Gebhard & Schuster Kursmakler AG	X	X			
Arbitrade UK Ltd.	X	X		Michael Garland	0044-171/536-4810
Aros Securities Bank A/S	X	X			0045 33 33 57 39
Bank of America NT + SA			X	Herbert Schimmel	069/71001-244
Bank Schilling & Co. AG	X		X	Bernhard Handel	09732/904-149
Bankhaus Carl. F. Plump & Co.	X	X	X	Wolfgang Schneider	0421/3685-200
Bayerische Hypo- und Vereinsbank AG (BHWMU)	X	X	X	Dr. Harald Röh	089/378-46623
Berliner Volksbank eG	X	X	X	Matthias Hach	030/3063-1275
BfG Bank AG	X	X	X	Wolfgang Werner	069-97205850
BHF-Bank AG	X	X	X	Hans-Jürgen Moses	069/718 2895
bws Bank			X	Bernhard Schüller	5099-1003
Cantor Fitzgerald International (Frankfurt branch)	X	X	X	Evelyn Huth	069/17081120
Centrale Credit Bank AG (CC-Bank)	X		X	Lothar Butz	02161 690-587
Crédit Agricole Indosuez Cheuvreux Deutschland GmbH	X	X			0 69-47 89 7-746
Deutsche Apotheker- und Ärztebank eG	X	X	X	Peter Brandt	0211/5998-515
Deutsche HypothekenBank Frankfurt/Hamburg AG	X		X	Adrian Montimurro	069/2548-108
Deutsche Pfandbrief- und Hypothekenbank AG	X		X	Gerd Link	0611/348-2808
DG BANK Deutsche Genossenschaftsbank AG	X	X	X	Karl-Heinz Thies	069-7447-6324
DSL Dt. Siedlungs- und Landesrentenbank	X		X	Friedel Dommes	0228/889 151
EFOT Equity, Futures and Options Trading GmbH	X	X		Torsten Skadell	069-719147-15
Finacor Rabe & Partner Wertpapierhandel GmbH	X	X		Michael Schmidt	069-28 97 61

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Frank Arnold Kursmakler- und Wertpapierhandelgesellschaft mbH	X	X		Frank Arnold	0211/8549403
Frankfurter Volksbank eG	X	X	X		069-2172-1469
Franz Röhrig Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X		Franz Röhrig	0211/8549427
Fürst Fugger - Privatbank KG	X	X	X	Jochen Hagen	0821/3201-222
Future Securities GmbH	X	X		Karl-Heinz Brieger	05242-9368-15
Gebhard & Schuster Kursmakler AG	X	X		Frau Pollak	089/8540856
Goldman Sachs & Co. oHG	X	X	X	Gabriella Christ	069/7532-1926
Goyer & Göppel Privatbankiers	X		X	Frank Göppel	040/35108810
GZB-Bank Genossenschaftliche Zentralbank AG	X	X	X	Josef Tullius	0711/940 2053
Hans-Jörg Reder Wertpapierhandelsgesellschaft mbH	X	X		Bernd Stemmler	0711-222 989 0
Heinz Maier c/o Gebhard & Schuster Kursmakler AG	X	X		Heinz Maier	089/8 54 08 56
Helmut Fuhr Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X			0211-8902 101-2
Herbert Schuster Kursmakler	X	X			089-55 19 08
Hesse Newman & Co (AG & Co.) Bankhaus	X		X	Dr. Pietro De Luca	040/3396 2207
Josef Fenzl, Kursmakler, Gebhard & Schuster Kursmakler AG	X	X		Josef Fenzl	089/55190860
Jürgen Thurner Wertpapierhandelsgesellschaft mbH	X	X			0711-222-989-30
Karl Emil Nohe Freier Makler	X	X		Dr. Karl Emil Nohe	0172-6676543
Karl-Heinz Moog Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X			0211-322027
KKS Derivate Handel Hamburg GmbH	X	X		Oliver Kankel	040/369838-12
Klaus König Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X			
Klaus Massing Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X		Klaus Massing	0211-8549-424
Klaus Tuxhorn Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X		Klaus Tuxhorn	0171/7737448
Kobel Wertpapier Handelsgesellschaft mbH	X	X		Klaus Müller	069-91 30 48 0
Landesbank Sachsen, Girozentrale	X	X	X	Uwe Budinger	0341/979-2300

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Maple Partners Bankhaus GmbH	X	X	X	Markus Werner	069/97166-257
Meyenkoth & Co. Wertpapierhandelsgesellschaft mbH	X	X		Claudia Machate	030-31 50 44 60
Michael Gebhard Kursmakler	X	X			089 5519 0840
Münsterländische Bank Thie & Co	X	X	X	Frank Hettwer	0251-48471-20
Natexis Capital S.A.	X	X		Eric Basley	0033 1-4221 2656
Nomura Bank (Deutschland) GmbH	X	X	X	Andreas Schenck	069/97508-274
Norddeutsche Landesbank - Girozentrale -	X	X	X	Brigitte Speitling	0511-361-4731
Oberbank AG Linz, Zweigst. Bayern	X		X	Christian Haidinger	089/55989-249
Raiffeisen Zentralbank Österreich AG	X	X			
Rheinboden Hypothekenbank AG	X		X	Heinz Biesen	0221/77 47 302
Rheinische Hypothekenbank AG	X		X	Gerhard Bukow	069/2382-579
RST Börsenmakler GmbH	X	X		Michael Teppert	089/549074-0
Salomon Brothers AG	X	X	X	Rainer Karsten	069/2607-262
Schierburg & Partner GmbH	X	X		Herr Schierburg	0211-8289-920
Sparkasse Aachen	X	X	X	Vera Rott	0241/444-3718
Sparkasse Hanau			X		06181/298-116
Sparkasse Leverkusen	X	X	X	Herr Elstermeier	0214/355-2740
Spütz Börsenservice GmbH i.G.	X	X	X	Heinz-Walter Jordan	069/13301108
Stadtsparkasse Köln	X	X	X	Carsten Schmidt	0221/226-5158
Swissca Securities Ltd.	X	X		Stephan Cossins	0044 171-863-1900
Trinkaus & Burkardt KGaA	X	X	X	Eva Rümenapp	0211/910-2948
Tullett & Tokyo International Securities Ltd.	X	X			
Westdeutsche Genossenschafts-Zentralbank eG	X	X	X	Michael Gross	0251/706 46 81
Westdeutsche Landesbank - Girozentrale -	X	X	X	Klaus Bremges	0211/826-6180

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Westfalenbank AG	X	X	X	Ernst Eder	0234/616-4265
Wolfgang Becker Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X			0211-8902 103
Wolfram Lieske Kursmakler- und Wertpapierhandelsgesellschaft mbH	X	X			0211/ 8 90 21 84
Zöll Börsenmakler GmbH	X	X			0211-13 10 01

3.3 Simulation Cycle #3

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
ABN AMRO Bank (Deutschland) AG	X	X	X	Herbert Tremmel	069/2690-1152
Agon Wertpapier- Handelsgesellschaft mbH	X	X		Lothar Bardenheuer	0221/92425-121
Albert Bürger	X	X			0211-13 89 02-101
All Trading Brokers Europe S.A.	X	X		Simon Mudd	0034-915928250
Baden-Württembergische Bank AG	X	X	X	Wolf-Dieter Alber	0711/180-2651
BancBoston Robertson Stephens International Limited	X	X		Earl Sagoo	0044 1 71-5 18-7077
Bankgesellschaft Berlin AG	X	X	X	Artur Fischer	030/2455-6488
Bankhaus Gebrüder Martin Göppingen	X		X	Gerd-Hans Noerr	07161/6714-27
Bankhaus W. Fortmann & Söhne	X		X	Herr Kreikebohm	0441/210 02 20
Banque Nationale de Paris S.A. (Frankfurt branch)	X	X	X	Hans-Peter Müller	069-7193-689
Berliner Freiverkehr (Aktien) Handel AG Hauptniederlassung Berlin	X	X	X		
Birkert & Fleckenstein Wertpapierhandelshaus AG	X	X		Rolf Bickert	069/240012-0
BMP Wertpapiere und Optionen GmbH	X	X		Brian Sparks	069/9714460
Cazenove & Co.	X	X			
CCF Securities S.A.	X	X			0033 1-40 70 70 30
Citibank AG	X	X	X	William Littleboy	069/1366-1635
Commerzbank AG	X	X	X	Klaus Peter Frohmüller	069/136-41830
Concord Effekten AG	X	X	X	Peter Pohlmann	069/297-04415
ConSors Discount-Broker Aktiengesellschaft	X	X	X	Edeltraud Gebhard	0911-24 70 920
Credit Suisse First Boston AG	X	X	X	Terry Graves	069/7538-2733
CSM Beteiligungs GmbH	X	X			

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Delbrück & Co. Privatbankiers Niederlassung Frankfurt	X	X	X	Hans-Josef Schliebs	0221/1624-367
Deutsche Bank AG	X	X	X	Tilman Göttke	069/9168 972
Deutsche Postbank AG	X	X	X	Margarete Schaap	0228/920-2303
Enskilda Securities AB	X	X		Alan Carlson	0044-171/246 4275
EuroHypo Europäische Hypothekenbank der Deutschen Bank	X		X	Ercan Senyigit	069/29898294
Evangelische Kreditgenossenschaft eG	X	X	X	Herr Konradi	0561/7887-135
Frank Kraul Kursmakler	X	X		Frank Kraul	05109/1454
Fritz Nols Global Equity Services AG	X	X	X	Marco Marty	069/92024-180
Gries & Heissel Privatbankiers KG	X		X	Laurence Schütze	030-89690223
Hauck & Aufhäuser Privatbankiers KGaA	X	X	X	Thomas Pollich	069/2161-405
Hills Independent Traders Ltd.	X	X		John Prior	0044 171 667 2858
Hordorff GmbH	X	X		Stephanie Crews	0 69-91 33 790
ICF Intermediär Center Frankfurt Kursmakler AG	X	X		Marcus Bingel	069/2173-6666
IKB Deutsche Industriebank AG	X	X	X	Manfred Samann	0211/8221-4553
J.P. Morgan Securities Ltd. (Frankfurt branch)	X		X	Ulf Bachmann	069-7124-1658
Jobs & Lemcke Wertpapierhandels AG	X	X		Hans-Georg Lemcke	069/913082-0
Kling, Jelko, Dr. Dehmel Wertpapierdienstleistungs AG	X	X	X	Marcus Herold	069/92188511
Kreissparkasse Düsseldorf	X		X	Herr Velleuer	02058/770-110
Landesbank Hessen-Thüringen Girozentrale	X	X	X	Thomas Kaufmann	069/91323-585
Lehman Brothers International (Europe) (Frankfurt branch)	X	X	X	Mike Russo	0044-171/601-0011
Lombardkasse Aktiengesellschaft	X	X	X	Herr Karl-Friedrich	069/1502-6500
Manfred Felkner, Börsenmakler	X	X			089/557833
Marcard, Stein & Co.	X	X	X	Thomas Meier	040-32099-339
Merrill Lynch Capital Markets Bank Ltd. (Frankfurt branch)	X	X	X	Stefan Becker	069/2994-254

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
MWB Wertpapierhandelshaus AG	X	X		Harry Grigoleit	089/85430-72
NationsBank Europe Limited (Frankfurt branch)	X	X		Umi Patel	069/95512264
Oberbank Linz	X	X	X	Jürgen Basta	0043-732/7802-2241
Osterkamp, Heinz Kursmakler	X	X			
Österreichische Kontrollbank AG			X	Mag. Lech Ledóchowski	0043-1/53127/428
Paribas (Frankfurt branch)	X	X	X	Mark Titterington	152-05376
Raiffeisenbank München			X	Herr Willems	089/12777-2205
RBS Effectenhandelsgesellschaft mbH	X	X		Christian Schlegel	069/91 500 10
Sal. Oppenheim jr. & Cie. KGaA	X	X	X	Arno Radermacher	069/7134-5330
SchmidtBank KGaA	X	X	X	Andre Meckel	09281-601-542
Siemens Kapitalanlagegesellschaft mbH	X	X	X	Thomas Kälber	089/ 636-33824
SKK Options & Futures Trading GmbH	X	X	X		
Sparkasse Pforzheim	X		X	Günter Barth	07231/9934-18
Stadtsparkasse Dortmund	X		X	Maike Cardinal	0231/183-4163
Stadtsparkasse Duisburg	X	X	X	Hans-Dieter Krämer	0203/2815-337
Stadt-Sparkasse Düsseldorf	X	X	X	Christian Glade	0211/878-2077
Stadtsparkasse Wuppertal	X	X	X	Jörg Troschka	0202/488-2311
Südwestbank AG	X		X	Reinhard Schubert	0711-66 44 -2830
Weberbank Berliner Industriebank KGaA	X	X	X	Rolf Kubala	030-89 7 98-608
Willy Huber Freier Makler	X	X			089/557138

3.4 Simulation Cycle #4

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Allbank - Allgemeine Privatkundenbank AG	X	X	X	Jürgen Rössler	0511-6465-314
AM Finanzanlagen-Management GmbH	X	X		Ward Peregrin	0221/ 16 36 - 316
AOT (Nederland) B.V.	X	X		Ed van den Broek	0031-205220444
Argentaria Bolsa SVB SA	X	X		Jose Luis Gomez Montero	00349 1-537-70 00
Ariel (UK) Limited	X	X			
Bank J. Vontobel & Co. AG	X	X	X	Ruedi Spitzli	0041-1/4885-234
Bankhaus E. Mayer AG	X		X	Herr Dickerle	0761/28200-45
Bankhaus Hermann Lampe KG	X	X	X	Ansgar Hoppe	0211/4952-367
Bankhaus Max Flessa & Co. Filiale München	X	X	X	Oswald Albert	09721/531-170
Bankhaus Wölbern & Co.	X		X	Jan Petersen	040/37608-480
Banque Generale Du Luxembourg S.A.			X	Herr Labuda	069/929 110-47
Bayerische Landesbank - Girozentrale -	X	X	X	Alexander Krebs	089/2171-4188
BfG- Hypothekenbank AG			X	Wilfried Weiß-Knobloch	069/92048-325
Börsenmakler Schnigge Aktiengesellschaft	X	X			069-1568-4161
BPT Trading SA	X	X		Valdo Petronio	0041-21/321 4229
Carswell T.I.R., Limited	X	X		Nicholas Smith	0044 171-247 2982
Centro Internationale Handelsbank AG	X	X		Günter Völker	0043 1-51520-280
Citibank Privatkunden AG	X	X	X		0211/8984-0
Crédit Agricole Indosuez Cheuvreux S.A.	X	X	X	Xavier Migaud	0033-1/4189-7173
Credit Suisse First Boston (Europe) Ltd.	X	X	X	Steve Kenngoy	0044-171/888-0451

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Daiwa Europe (Deutschland) GmbH	X	X	X	Robert Ruckelshauß	069/71708-212
Deutsche Bundesbank	X	X	X	Michael Peschel	069/9566-2613
Deutsche Handelsbank AG	X		X	Steffen Hertlein	030/20266-220
Eckes Effektenhandel AG	X	X		Herr Hauptmann	0177-2914 110
EXANE S.A.	X	X		Philippe de Rosnay	0033 1-4495-5309
Financial Instruments Broker Service FIBS GmbH	X	X	X	Stefan Laué	069/299716-16
Fürstlich Castell'sche Bank, Credit-Casse	X		X	Erhard Gerlinger	0931/3083-186
Generale Bank Niederlassung Deutschland	X		X	Norbert Kaivers	0211/1611-240
Hans Bauer Börsenmakler GmbH	X	X		Frank Reitinger	08807/92660
Heinrich Fleischhacker KG Börsenmakler	X	X	X	Michael Wilhelm	069-921893-11
Horst Hüfner Kursmakler	X	X		Peter Stark	069/2173 1882
Hypo Vereinsbank (Suisse) S.A.	X	X		Joachim Bodschwinna	0041-1-7876-203
IBB Internationales Bankhaus Bodensee AG	X		X	Stefan Schneider	07541/304-330
Ibero Platina Bank AG	X		X	Bertrand Rhode	0421/3665-230
IFM Consulting AG	X	X		Herr Bormann	0211 - 828922 - 31
Instinet GmbH	X	X	X	Ralf Hottenbacher	069/92007927
Istituto Bancario San Paolo di Torino Istituto Mobiliare Italiano SPA (Frankfurt branch).	X	X	X	Ulrich Baier	069-15681-120
Joh. Berenberg, Gossler & Co. Zweigniederlassung Frankfurt	X	X	X	Herr Schnoor	040/35060-300
Jörg-D. Reuter Kursmakler	X	X		Joachim Llambi Ehberg	069/2173-1372
Korea Development Bank			X		069/92071312
Kreditanstalt für Wiederaufbau	X		X	Dr. Jörg Lange	069/7431-3782
KST Wertpapierhandelsaktiengesellschaft	X	X		Harald Treichel	0711-2261083
Landesbank Rheinland-Pfalz Girozentrale	X	X	X	Werner Hess	06131/13-2550

Simulation Participants

Participant	Cash Market	Derivatives Market	Clearing	Contact	Telephone
Landwirtschaftliche Rentenbank	X	X	X	Norbert Hartmann	069-2107-430
Lindener Volksbank eG	X		X	Stefan Betensted	0511-4507-259
MeesPierson N.V. Niederlassung Frankfurt am Main	X	X	X	Matthias Schütz	069/71587-360
Merck Finck & Co. OHG	X	X	X	Konrad Roßrucker	089/2104-1218
Metallbank GmbH	X	X	X	Rainer Piekarski	069- 71908-420
Montag, Pöpper & Partner GmbH	X	X		Holger Hallin	069-92023-373
Münchner Hypothekenbank eG	X		X	Ernst Schreiber	089/5387-558
National Westminster Bank Plc.			X		0044-171375
Ost-West Handelsbank AG			X	Herr Unverzagt	069/21 68-227
Otto M.Schröder Bank AG	X	X	X	Malte Struefing	040/35928-223
Rabobank International (Frankfurt branch)	X	X	X	Ekkehard Weiler	069/79206-301
RMT Rhein Main Trading Börsenmakler GmbH	X	X		Helga Schwind	069-29 70 54 0
Saunders & Zellweger GmbH Niederlassung Frankfurt/M.	X	X		Werner Kratzmann	040/355-4444
SG Securities (London) LTD	X	X	X		0044 171-63 85 699
SGZ Bank Südwestdeutsche Genossenschafts-Zentralbank AG	X	X	X	Markus Kraft	0721/996 3731
Sparkasse Bonn	X	X	X	Stefan Borjans	0228-606-4173
Tague Securities GmbH	X	X			069-1337-9438
The Helios Group London	X	X		Donald Perettie	0044-171/570 3610
Transoptions S.A.	X	X		Olivier Guillot	0041 21-311-52 55
VERITAS SG Investment Trust GmbH			X	Heiko Liebald	069/975743-40
Westdeutsche Immobilienbank	X	X	X	Herr Kluttig	06131-9 28-287

4 Glossary

Term	Explanation
1st Level Support	First level of contact for all inquiries to Deutsche Börse Group / Eurex. 1st level support is provided by the *Help Desk or the Year 2000 Co-Ordination Centre.*
2nd Level Support	The members of the Year 2000 Simulation Team provide 2nd level support in their capacity as a Member Readiness Team. 2nd level support is supposed to be able to respond to all issues relevant to simulation, including open issues escalated by 1st level support, and the rectification of general issues.
3rd Level Support	3rd level support is provided by experts for the various systems, or representing the specialist departments involved. Contact to these experts is exclusive to *2nd level support* staff. No telephone numbers will be passed on to simulation participants.
Ageing of positions	Positions in simulation instruments or products must be aged, changing the current date to end-1999. This process is part of the preparation efforts for the simulation environment.
Allocation	Process of allocating *simulation participants* registered for *Overall Simulation I* to one of the four *simulation cycles*.
Back office systems	Participants' internal systems linked to the systems operated by Deutsche Börse Group / Eurex via interfaces.
Backup cycle	*Overall Simulation I* comprises five cycles. The fifth cycle is available to those *simulation participants* who were not able to successfully complete their allocated *cycle*.
Bilateral test	Pre-arranged testing procedure carried out between Deutsche Börse Group / Eurex and third parties who do not fully participate in *Overall Simulation I.*
Business continuity planning	Area within the Year 2000 Project dealing with the development and testing of *emergency procedures* covering the failure of individual systems or system components.
Business partner	All external business relationships of Deutsche Börse Group / Eurex.
Clearing applications	Cf. *clearing systems.*
Clearing systems	Securities clearing and settlement systems operated by Deutsche Börse Clearing AG (e.g. CASCADE, OLGA).
Connection	Connection of *simulation participants* to the exchange network, using file transfer tools.

Term	Explanation
Connection test	The testing of connections to the dedicated simulation environment operated by Deutsche Börse Group / Eurex is only required for IBM environments, i.e. floor trading and clearing systems.
Core processes relevant for participants	Core business processes of Deutsche Börse Group / Eurex with maximum importance – in terms of volume – in production business, as set out in the Simulation Scripts.
Core systems	Cf. *systems essential for simulation*.
Custodian	Cf. *depository.*
Customer interfaces	All interfaces existing between the systems operated by Deutsche Börse Group / Eurex and third parties. Interfaces comprise the exchange of data and may be controlled automatically or manually.
Cycle	Each cycle comprises the simulation days for the end-of-year or leap day simulation, respectively. For instance, each of the five *simulation cycles* of *Overall Simulation I* consists of five online days (29/12/1999, 30/12/1999, 03/01/2000, 04/01/2000, 05/01/2000) as well as two days for analysis.
Depository	Depositories are institutions keeping securities in safe custody, as well as purchasing or selling securities, on behalf of customers. Depositories acting on behalf of Deutsche Börse Clearing AG keep securities in safe custody and settle the corresponding securities transactions.
Dialogue application (3270)	Terminal connection with the IBM host operated by Deutsche Börse Group.
Emergency procedures	Organisational and technical procedures designed to safeguard the business operations of Deutsche Börse Group / Eurex in the event of failure of a process or system.
End-of-year simulation	Simulation of the turn of the year 1999/2000, including the trade dates 29/12/1999, 30/12/1999, 03/01/2000, 04/01/2000 and 05/01/2000. End-of-year simulation is a component of Overall Simulation I, of release simulations and of Overall Simulation II.
File transfer tools	Software used for the exchange of files and/or data between *simulation participants* and Deutsche Börse Group / Eurex.
Floor trading systems	Generic term for the BOSS and BOEGA systems operated within the cash *market segment*.
Frozen zone	Period of time from October 1999 up to and including the end of March 2000. During this period, Deutsche Börse Group / Eurex will not conduct any changes to their EDP inventory (hardware, software, infrastructure); *participants* are advised to follow suit.

Term	Explanation
Future date conditions	In addition to application dates, the date setting (*system date*) of hardware installations involved in simulation will be re-set to the turn of the year 1999/2000, or another future date.
Help Desk	A specific help desk has been set up on telephone +49-69 / 21 01 33 00 for all questions *simulation participants* may have about the Year 2000 Project.
Host	Cf. *mainframe*.
Host products	Generic term for network hardware and data processing software used on the host system.
IMS	Transaction monitor software running on the IBM *mainframe* systems of Deutsche Börse Group. IMS1 is the transaction monitor of the production environment. The monitor used for the year 2000 simulation environment is referred to as IMS24.
Individual simulation	Cf. *release simulation.*
Information Products	Division of Deutsche Börse AG focusing on the following tasks: administration of instrument data (WSS); real-time and batch distribution of price and index data (TPF and WSSPrice); preparation and distribution of trading statistics; administration and generation of report records pursuant to section 9 of the German Securities Trading Act (WpHG) and transmission to the Federal Securities Supervisory Authority (TRICE).
Leap day simulation	Simulation of the leap day in the year 2000, comprising the following trade dates: 25/02/2000, 28/02/2000, 29/02/2000, 01/03/2000 and 02/03/2000. The leap day simulation is a component of release simulations and of Overall Simulation II.
Mainframe	IBM host computer operated by Deutsche Börse Group.
Market participants	*Participants* linked to the systems operated by Deutsche Börse Group / Eurex for one or more *market segments*.
Market segments	Deutsche Börse Group / Eurex have segmented the market into the cash market, derivatives market and clearing segments.
Minimum activities	Minimum testing activities required within the scope of Year 2000 Simulation for simulation participants to achieve *'ready' status.* Deutsche Börse Group / Eurex will be tracking the conduct of minimum activities.
'Not ready' status	Status of *simulation participants* who have failed to successfully complete the minimum activities, during simulation, in one or several market segments.

Glossary

Term	Explanation
Overall Simulation	In contrast to ordinary *simulation* procedures, Overall Simulation is a comprehensive simulation of all business processes. For Deutsche Börse Group / Eurex this incorporates all systems required to carry out the core business processes.
Overall Simulation I	First Year 2000 Overall Simulation conducted from 10 May 1999 to 30 June 1999, covering the turn of the year 1999/2000. Overall Simulation I consists of four simulation cycles, plus one backup cycle. Participation is mandatory.
Overall Simulation II	Second Year 2000 Overall Simulation conducted from 11 October 1999 to 1 November 1999, covering the turn of the year 1999/2000 and the leap day in the year 2000. Only one *cycle* will be provided. Participation in Overall Simulation II will be optional.
Participant	Cf. *simulation participant.*
Print files	Lists transmitted to *simulation participants* in file format, for printing or processing purposes.
Production environment	Overall configuration of hardware and software platforms used for production.
'Ready' status	Status of *simulation participants* who successfully participated in simulation, with all open questions or issues raised by the respective *simulation participant* and Deutsche Börse Group / Eurex resolved. *Simulation participants* and *third parties* confirm their readiness to Deutsche Börse Group / Eurex by returning a feedback sheet.
Release simulations	Individual simulations carried out for systems operated by Deutsche Börse Group / Eurex for which a new release will be introduced in 1999 (e.g. Eurex Release 3.0).
Relevant core business processes	Cf. *core processes relevant for participants.*
Setting the date ahead	The *system date* must be set to year-end in preparation for Year 2000 Simulation.
Simulation	The simulation process provides Deutsche Börse Group / Eurex and their participants with the opportunity of testing the millennium change under *future date conditions*, in a separated, risk-free, yet near-production manner.
Simulation calendar	Assignment of simulation activity (online times and batch timings for each market segment) to each simulation day (calendar day and simulated traded date) for each *cycle*.
Simulation conduct	Execution of simulation involving *simulation participants* and the corresponding systems operated by Deutsche Börse Group / Eurex.

Glossary

Term	Explanation
Simulation cycle	Cf. *cycle.*
Simulation environment (dedicated)	System environment operated by Deutsche Börse Group / Eurex which is separated from production systems and used for simulation purposes.
Simulation environment (permanent)	A permanent simulation environment is operated in parallel to the production environments for the Xetra® and Eurex® trading systems. These environments are operated on a continuous basis. *Simulation participants* are thus able to carry out simulations at any time, in addition to special, pre-arranged simulation procedures such as the Year 2000 Simulation.
Simulation Guide	Document containing general information on the Year 2000 Simulation conducted by Deutsche Börse Group / Eurex which was distributed to all *participants* in December 1998.
Simulation participants	Simulation participants include clearing customers as well as cash market or derivatives market participants or third parties participating in one or several simulation cycles, or in bilateral tests.
Simulation participation	Participation in simulation activities requires the registration for one of the cycles and, in the case of IBM/SNA application, a successful *connection test.*
Simulation Scripts	Guideline prescribing activities for all *simulation participants*, comprising both general information on simulation procedures as well as detailed prescriptions regarding individual simulation days.
Simulation transactions	Description of transactions to be executed in the course of simulation, including the systems involved, dates, activity and verifications to be carried out by *simulation participants.*
Slot	Firmly agreed date and time for the execution of *connection test* with each *simulation participant.*
Special 2000	Dedicated information medium established for the Year 2000 Project in order to inform participants of all activities carried out by Deutsche Börse Group / Eurex within the scope of year 2000 preparations. Special 2000 is distributed by mail. Alternatively, all issues are available for download from the special website www.y2k.exchange.de (Download Area, participants only).
System date	Hardware date of a computer (e.g. *mainframe*, server, PC).
Systems Readiness	Area of the Year 2000 Project which is responsible for the co-ordination of internal adjustments to system components required to ensure the year 2000 readiness of Deutsche Börse Group / Eurex.

Glossary

Term	Explanation
Technical connection	Type of connection of *simulation participants* to the simulation participant (predominantly with respect to hardware components).
Technical Connection Guide	Document providing *simulation participants* with information on the technical connection during simulation, with a focus on batch file transfers to the *mainframe*.
Test banks	Banks specially created for simulation purposes, which are used as counterparties for certain simulation activities. These banks do not exist in the *production environment.*
Test cycle	Cf. *simulation cycle.*
Test data carrier	Data carrier containing test data, or empty data carrier.
Test files	Test data for immediate processing by standard applications.
Testing environment (dedicated)	Testing environment operated in parallel to the *production environment.* The testing environment is operated on physically separated hardware. This allows for the testing of *future date conditions*. Also refer to *simulation environment (dedicated).*
Testing environment (separated)	Testing environment operated in parallel to the *production environment.* The testing environment may be operated on the same hardware as the production environment. As a result, the system date cannot be set manually to the year 2000.
Third parties	References to third parties relate to business partners of Deutsche Börse Group / Eurex with special functions or tasks.
Trading applications	Cf. *trading systems.*
Trading hours	Designated schedule for open trading in the trading systems, comprising various trading periods which are specific to each system (such as pre-trading, continuous trading, auctions, etc.).
Trading systems	Cash market systems comprise Xetra®, BOSS and BOEGA (with the latter two being used for floor trading). Eurex® is used for derivatives trading.
Transaction data	Data subject to permanent changes (in contrast to master data), e.g. “instructions in entry status”.
Transition to the year 2000	The process of changing the date from 31/12/1999 to 01/01/2000.
Turn-of-the-year simulation	Cf. *end-of-year simulation*.

Term	Explanation
Year 2000 Co-Ordination Centre	Central point of contact within the Year 2000 Project organisation, both for internal and external communication. • Telephone +49 / 69 / 21 01 33 00 • Fax +49 / 69 / 21 01 33 01 • E-mail YEAR2000@Exchange.de • Internet www.Y2K.Exchange.de • Mail address Deutsche Börse AG Year 2000 Coordination Center D-60284 Frankfurt am Main