X-pand into the Future

e u r e x *circular 210/05*

Date: Frankfurt, November 1, 2005
Recipients: All Eurex members and vendors, CCP members
Authorized by: Peter Reitz

⚠ **High Priority**

Trading Hours Extension on Eurex Exchanges: Detailed Functional Specifications - Follow up

Related Eurex Circulars: 116/05, 178/05

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Content may be most important for:	**Attachments:**
➲ All Departments	1. Trading Schedule on Single Product Level 2. Updated Sections of the Clearing Conditions for Eurex Clearing AG

Summary:

With Eurex circular 178/05 of September 26, 2005, Eurex informed in detail about functional and technical specifications in the context of Trading Hours Extension (THX), which will come into effect on **November 21, 2005.**

With the present circular Eurex provides additional information on the following topics :

- **Availability of Qualified Back Office Personnel**
- **New Message timeline - End of Assignment Message**
- **Regular Trading Schedule/Trading Hours for November 23, 2005 (last trading day for interest rate options), November 24, 2005 ("Thanksgiving" holiday in the U.S.) and November 25, 2005**
- **Adjustments to Clearing Conditions for Eurex Clearing AG**

If you have any questions or request further information, please contact the Customer Support team at tel. +49-69-211-1 17 00 or fax +49-69-211-1 17 01.

Trading Hours Extension on Eurex Exchanges: Detailed Functional Specifications - Follow up

Availability of Qualified Back Office Personnel (QBO)

With Eurex circular 178/05 of September 26, 2005, Eurex informed about the necessity for customers to provide qualified back office personnel (QBO) in the context of the Trading Hours Extension (THX) which will come into effect on November 21, 2005. With regard to the required availability of QBO, Eurex referred to the "Clearing Conditions for Eurex Clearing AG" (chapters III, IV and V, number 1.1.2 (4 f) Prerequisites for Clearing Licenses):

"During the business day of Eurex Clearing AG at least one sufficiently qualified member of staff must be present and available by telephone and fax at any time for the orderly fulfillment of clearing obligations in the back office." [1]

Please note that the business day of Eurex Clearing AG covers the pre-trading, trading and post-trading phase of the connected trading systems.

In answer to various requests from market participants to clarify the interpretation of the Exchange Rules and Clearing Conditions, the following explanation was discussed and agreed upon with the exchange supervisory authority:

"In case a member has finalized all trading and post-trading activities - which include open orders, notification/ allocation and exercise/assignment processes as well as operating quote machines and automated order routing systems - presence of Qualified Back Office Personnel is not required and availability by telephone and fax is sufficient. Please note that members remain fully responsible for their duties. This means that, after having ceased their trading activities, trading members are requested to be present for at least another 30 minutes to handle possible mistrade requests and clearing members still need to ensure the possibility to meet intraday margin calls".

New Message Timeline - End of Assignment Message

As already announced in circular 178/05, with introduction of Eurex THX on November 21, 2005, the End of Assignment Message will be sent during the daily Eurex batch run at approximately 23:00 CET. For those members who require this assignment information earlier, Eurex offers the following two solutions:

- **Product-specific End of Assignment Message via VALUES API**

As before, Eurex provides online a product-specific End of Assignment Message before start of the Eurex batch run. For each product this message is sent as a VALUES API broadcast message.

For further details regarding "Subscribe BO Information", please refer to the document "Eurex Release 8.0 - VALUES API Member Front End Development Guide - Volume 2 - Eurex Application Requests - Final Version", chapter 5.2.13, page 77 and the following. The document can be downloaded from the Eurex website under the following path:

www.eurexchange.com > Member Section > Software Releases Eurex > VALUES API Final Version Release 8.0/Gate 3.4

[1] See also "Exchange Rules for Eurex Deutschland and Eurex Zürich" (chapter 3.4.1 Back Office Personnel)

- **End of Assignment Message via Newsboard Publication**

In addition, Eurex will publish a message on its newsboard whenever the assignment processes for the day are completed for all products.

- **Other Messages**

In the course of recent customer consultations, the question was raised whether additional information could be made available intraday (such as the theoretical price file). In particular, the following files were mentioned: margin parameters, cross currency exchange rates/haircuts and theoretical price file for Flexible Options. After conducting a high-level analysis and discussing the results with the respective members, the decision was taken to provide the above-mentioned files intraday by early next year. Further information will be published via a separate Eurex circular.

Regular Trading Schedule/Trading Hours on November 23, 2005 (last trading day for interest rate options), November 24, 2005 ("Thanksgiving" holiday in the U.S.) and November 25, 2005

- **Regular Trading Schedule**

In general, trading will close at 22:00 CET for all products in scope of THX. The post-trading period is scheduled for 22:00 to 22:30 CET. With THX, Eurex will also extend its current OTC block trading times. For more detailed information on single product level, please refer to the trading schedule attached.

With start of Eurex Trading Hours Extension on November 21, 2005, an updated version of the "Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich" including the new trading schedule will then be available under the following path:

www.eurexchange.com > Market Access > Rules and Regulations > Contract Specifications

- **Trading Hours on November 23, 2005**

On the last trading day (November 23, 2005) for options on Euro-Schatz Futures, options on Euro-Bobl Futures and options on Euro-Bund Futures and due to the public holiday in the U.S. ("Thanksgiving") – the trading schedule for the following products will change:

Product	Pre-Trading	Trading	Post-Trading Full (exercise until)
Buxl®-/Bund-/Bobl-/Schatz-Futures	07:30 – 08:00	08:00 – 19:00	19:00 – 20:00
Options on Bund-/Bobl-/Schatz-Futures	07:30 – 08:00	08:00 – 17:15	17:15 – 18:00

The trading schedule for all other products remains unchanged; please refer to the trading schedule attached. Please note: System close will be at 22:30 CET.

- **Trading Hours on November 24 and 25, 2005**

Responding to respective market feedback - due to the “Thanksgiving” holiday in the U.S. - Eurex will shorten the trading hours for the following products:

Product	Pre-Trading	Trading	Post-Trading Full
Buxl®-/Bund-/Bobl-/Schatz-Futures	07:30 – 08:00	08:00 – 19:00	19:00 – 20:00
Equity Index Futures (in EUR)	07:30 – 08:50	08:50 – 20:00	20:00 – 20:30
Futures EXTF (in EUR)	07:30 – 08:51	08:51 – 20:00	20:00 – 20:30

The trading schedule for all other products remains unchanged; please refer to the trading schedule attached. Please note that the system close will be as of today (20:30 CET).

Adjustments to the Clearing Conditions for Eurex Clearing AG

THX requires adjustments to the Clearing Conditions for Eurex Clearing AG, in particular with regard to the determination of settlement prices. For more detailed information, please refer to the updated sections of the Clearing Conditions in attachment 2.

An updated version of the Clearing Conditions which will come into effect with introduction of Eurex Trading Hours Extension on November 21, 2005 will then be available for internet download on the Eurex website under the following path:

www.eurexchange.com > Market Access > Rules and Regulations > Clearing Conditions

If you have any questions or request further information, please contact the Customer Support team at tel. +49-69-211-1 17 00 or fax +49-69-211-1 17 01.

Frankfurt, November 1, 2005

THX - Eurex Exchanges Trading Schedule "new"

Product/ Group As of November 21, 2005	Pre-Trading	Trading (PO+Trad)	Post-Trading-Full	OTC Block Trading	Closing Auction/	Daily Settlement price	Last Trading day	
							trading until	Notify / Exercise until
Interest Rate Derivatives								
CONF Futures	07:30-08:30	08:30-17:00	17:00-20:00	08:30-17:00	17:00	17:00	12:30	20:00
Euro Bobl Futures	07:30-08:00	**08:00-22:00**[1]	**22:00-22:30**	**08:00-22:00**	**22:00**	**17:15**	**12:30**	**22:30**
Euro Bund Futures	07:30-08:00	**08:00-22:00**[1]	**22:00-22:30**	**08:00-22:00**	**22:00**	**17:15**	**12:30**	**22:30**
Euro Buxl® Futures	07:30-08:00	**08:00-22:00**[1]	**22:00-22:30**	**08:00-22:00**	**22:00**	**17:15**	**12:30**	**22:30**
Euro Schatz Futures	07:30-08:00	**08:00-22:00**[1]	**22:00-22:30**	**08:00-22:00**	**22:00**	**17:15**	**12:30**	**22:30**
One-Month EONIA Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:15**	19:00[2]	n/a
Options on Euro Bobl Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:15**	17:15	18:00
Options on Euro Bund Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:15**	17:15	18:00
Options on Euro Schatz Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:.15**	17:15	18:00
Options on Three-Month EURIBOR Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:15**	11:00	20:00
Three-Month EURIBOR Futures	07:30-08:00	08:00-19:00	19:00-20:00	08:00-19:00	n/a	**17:15**	11:00	n/a
Equity Options on Dutch Shares	07:30-08:53	08:53-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**

[1] According to the current exchange rules Eurex reserves the right to adapt trading hours e.g. in case of a US holiday.
[2] Final Settlement Price is scheduled for approx. 19:00 CET (depending on information to be received from European Central Bank)

THX - Eurex Exchanges Trading Schedule "new"

Product/ Group As of November 21, 2005	Pre-Trading	Trading (PO+Trad)	Post-Trading-Full	OTC Block Trading	Closing Auction/	Daily Settlement price	Last Trading day	
							trading until	Notify / Exercise until
Equity Options on French Shares	07:30-08:54	08:54-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**
Equity Options on German Shares	07:30-08:51	08:51-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**
Equity Options on Italian Shares	07:30-08:50	08:50-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**
Equity Options on Scandinavian Shares	07:30-08:52	08:52-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**
Equity Options on Swiss Shares	07:30-08:52	08:52-17:20	**17:20-20:00**	**09:00-19:00**	n/a	**17:20**	17:20	**20:00**
Equity Options on US Shares	07:30-08:53	08:53-17:30	**17:30-20:00**	**09:00-19:00**	n/a	**17:30**	17:30	**20:00**
Equity Index Derivatives								
DAX® Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	13:00	
DAX® Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	13:00	**21:00**
Dow Jones EURO STOXX® 50 Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	12:00	
Dow Jones EURO STOXX® 50 Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	12:00	**21:00**
Dow Jones Global Titans 50 Index Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	17:00	

THX - Eurex Exchanges Trading Schedule “new”

Product/ Group As of November 21, 2005	Pre-Trading	Trading (PO+Trad)	Post-Trading-Full	OTC Block Trading	Closing Auction/	Daily Settlement price	Last Trading day	
							trading until	Notify / Exercise until
Dow Jones Global Titans 50 Index Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	17:00	**21:00**
Dow Jones Italy Titans 30 Index Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	09:10	
Dow Jones Italy Titans 30 Index Options	07:30-08:50	**08:50-17:30**	**17:30-20:30**	**09:00-19:00**		**17:30**	09:10	**21:00**
Dow Jones STOXX® 50 Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	12:00	
Dow Jones STOXX® 50 Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	12:00	**21:00**
Dow Jones STOXX® 600 Index Futures	07:30-09:00	**09:00-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	12:00	
Dow Jones STOXX® 600 Index Options	07:30-09:00	09:00-17:30	17:30-20:30	**09:00-19:00**		**17:30**	12:00	**21:00**
Dow Jones STOXX® Mid 200 Index Futures	07:30-09:00	**09:00-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	12:00	
Dow Jones STOXX® Mid 200 Index Options	07:30-09:00	09:00-17:30	17:30-20:30	**09:00-19:00**		**17:30**	12:00	**21:00**
Dow Jones EURO STOXX® Sector Index Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	12:00	

THX - Eurex Exchanges Trading Schedule "new"

Product/ Group As of November 21, 2005	Pre-Trading	Trading (PO+Trad)	Post-Trading-Full	OTC Block Trading	Closing Auction/	Daily Settlement price	Last Trading day	
							trading until	Notify / Exercise until
Dow Jones EURO STOXX® Sector Index Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	12:00	**21:00**
MDAX® Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	13:05	
OMXH25 Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	17:30	
OMXH25 Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	17:30	**21:00**
SMIM® Futures	07:30-08:50	08:50-17:20	17:20-20:30	**09:00-19:00**	**17:20**	**17:20**	17:20	
SMI® Futures	07:30-08:50	08:50-17:27	17:30-20:30	**09:00-19:00**	**17:27**	**17:27**	17:30	
SMI® Options	07:30-08:50	08:50-17:20	17:20-20:30	**09:00-19:00**		**17:20**	17:20	**21:00**
TecDAX® Futures	07:30-08:50	**08:50-22:00**[1]	**22:00-22:30**	**09:00-22:00**	**22:00**	**17:30**	13:00	
TecDAX® Options	07:30-08:50	08:50-17:30	17:30-20:30	**09:00-19:00**		**17:30**	13:00	**21:00**
Exchange Traded Funds Derivatives								
Futures on shares of CHF EXTFs	07:30-08:51	08:51-17:20	17:20-**20:30**	n/a		17:20	17:20	
Futures on shares of EUR EXTFs	07:30-08:51	**08:51-22:00**[1]	**22:00-22-30**	n/a		**17:30**	**17:30**	
Options on shares of CHF EXTFs	07:30-08:51	08:51-17:20	**17:20-20:00**	**09:00-19:00**		17:20	17:20	**20:00**

THX - Eurex Exchanges Trading Schedule "new"

Product/ Group As of November 21, 2005	Pre-Trading	Trading (PO+Trad)	Post-Trading-Full	OTC Block Trading	Closing Auction/	Daily Settlement price	Last Trading day	
							trading until	Notify / Exercise until
Options on shares of EUR EXTFs	07:30-08:51	08:51-17:30	**17:30-20:00**	**09:00-19:00**		**17:30**	17:30	**20:00**
Volatility Derivatives								
VDAX-New® Future	07:30-08:50	08:50-17:30	17:30-20:30	09:00-19:00	17:30	17:30	13:00	
VSTOXX® Future	07:30-08:50	08:50-17:30	17:30-20:30	09:00-19:00	17:30	17:30	12:00	
VSMI® Future	07:30-08:50	08:50-17:20	17:20-20:30	09:00-19:00	17:20	17:20	10:00	
Individual Equity Futures	07:30-08:52	08:52-17:45	17:45-20:00	09:00-19:00		17:45[3]	17:45	

[3] Based on the official closing settlement price of the underlying

CLEARING CONDITIONS FOR EUREX CLEARING AG

(…)

I. Chapter: General Provisions

(…)

1 Part: General Provisions - Clearing

(…)

1.3 Subpart: Margin and Security Interest Rights

(…)

1.3.3 Supplementary Margin Requirements

Eurex Clearing AG reserves the right to demand at any time that a Clearing Member maintain a higher or supplementary margin in cash or in securities or book-entry securities acceptable to Eurex Clearing AG on the basis of the risk assessment made by Eurex Clearing AG in the course of an Exchange day. Clause 1 applies irrespective of whether a daily settlement price has already been determined during the Exchange day. Supplementary margin must be transferred immediately in the appropriate currency to the account at a branch of the Central Bank of Germany (Deutsche Bundesbank) or the SNB account, or to the pledged securities account with Clearstream Banking AG or SegaIntersettle AG. Each General Clearing Member or Direct Clearing Member shall have corresponding rights with respect to the Non-Clearing Members represented by it.

(…)

II. Chapter: Transactions at Eurex Deutschland and Eurex Zürich

The regulations of Chapter I apply for transactions which are executed at Eurex Deutschland.

1. Part:

Clearing of Futures Contracts

The following sub-parts shall rule the Clearing of transactions of Futures Contracts which have been named in number 1 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich.

(...)

1.3 Subpart:

Clearing of Fixed Income Futures Contracts

The following sub-parts shall rule the Clearing of transactions of Futures Contracts which have been named in number 1.2 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich.

1.3.1 Procedures in Delivery and Payment

All matching payments shall be settled with physical delivery directly between the Clearing members on the second exchange day after the notice day (number 1.3.5 paragraph 2).

The physical payments shall be settled via a bank for central depository of securities recognized by Eurex Clearing AG or a Custodian or Central Securities Depository; the payments shall be settled via the respective account determined by the bank for central depository of securities or the Custodian or the Central Securities Depository.

All Clearing Members and Eurex Clearing AG must ensure, via commissioning of the respective bank for central depository of securities or the custodian or central securities depository, that the transaction can be handled on that exchange day when the delivery notice is given. All Clearing Members have to ensure their ability to effect deliveries as well as payments by having sufficient credit balances in their account at a bank for central depository of securities or of the custodian or central securities depository and sufficient credit balances on the account of the Clearing Member for euro-fixed Futures Contracts at a a branch of the Central Bank of Germany (Deutsche Bundesbank); for CONF-Futures Contracts at the Swiss National Bank.

1.3.2 Daily Settlement Price

As a rule, the daily settlement price for Euro Fixed Income Futures contracts shall be determined on the basis of the volume-weighted average of the prices of all transactions concluded within the last trading minute before 17.15 CET, provided that in such period of time, more than five transactions have been concluded. If this is not the case, the settlement price shall be determined on the basis of the prices of the last five concluded transactions provided that no more than 15 minutes have passed since this transaction. For all other Fixed Income Futures, the daily settlement price corresponds to the closing price as settled in the closing auction. If it is not possible to determine a closing price within the closing auction, the method described in clause 1 shall also apply for other Fixed Income Futures contracts. ~~or if the price so determined does not reflect the true market conditions, the settlement price shall be determined on the basis of the volume-weighted average of the prices of all transactions executed within the final trading minute, provided that in such period of time, more than five transactions have been executed. If this is not the case, the settlement price shall be determined on the basis of the prices of the last five executed transactions provided that no more than 15 minutes have passed since this transaction.~~

If the daily settlement price determined at 17.15 CET does not reflect the true market conditions at the close of trading of the Euro Fixed Income contracts, Eurex Clearing AG may change and re-determine the daily settlement price.

1.3.3 Final Settlement Price

The final settlement price is determined by Eurex Clearing AG on the last exchange day (subsection 1.2.4 of the Contract Specifications for Futures Contracts and Options Contracts at the Eurex Deutschland and Eurex Zürich) at 12:30 pm CET. The final settlement price corresponds to the volume-weighted average of the prices of all transactions executed during the final trading minute, provided that in such period of time, more than ten transactions have been executed. If this is not the case, the settlement price shall be determined on the basis of the prices of the last ten executed transactions, provided that no more than 30 minutes have passed since these transactions. If the calculation of the final settlement price pursuant to the aforementioned regulation is not possible or if the calculated price does not reflect the real market situation, Eurex Clearing AG determines the final settlement price.

1.3.4 Tender Price

The tender price shall equal the nominal value of the contract, multiplied with the final settlement price of the respective contract, multiplied with the conversion factor of the tendered debt security, plus the interest accrued since last interest payment date.

1.3.5 Performance, Delivery

(1) A delivery obligation arising out of a short position in a Euro-fixed income futures contract may only be performed by the debt securities determined by Eurex Clearing AG. For delivery, debt securities denominated in EUR with a fixed coupon can be chosen with a remaining uncallable term of:

- 1.75 up to 2.25 years for Euro-treasure futures contracts
- 4.5 upt to 5.5 years for Euro-Bobls futures contracts
- 8.5 up to 10.5 years for Euro-federal futures contracts
- 24 up to 35 years for Euro-Buxl futures contracts

The bonds have to possess a minimum issuance volume of EUR 5 billion, Euro Buxl Futures contracts, in contrast, have to amount to a minimum issuance volume of EUR 10 billion.

A delivery obligation arising out of a short position in a CONF futures contract may only be performed by obligations determined by Eurex Clearing AG. Obligations of the Swiss Confederation denominated in Swiss Francs with a remaining term of at least eight years up to 13 years at most can be chosen. Concerning obligations with early redemption option, the first and last possible redemption date at the point of delivery of the contract must be between eight and 13 years. The obligations must possess an minimum issuance volume of CHF 500 millions.

(2) Two exchange days prior to the tenth calendar day of a quarter month (notification day), the Clearing Members with open short positions must indicate the type of bonds they will deliver to Eurex Clearing AG after transaction closing until the end of the post-trading full-period. Existing delivery notifications can be changed until closing of the post-trading full period. If a delivery notice is not made in a timely manner, Eurex Clearing AG determines the bonds to be deliverd by the Clearing Member. The actual amount of notified debt securities have to be confirmed by Clearing Members vis-à-vis Eurex Clearing AG one day prior to the delivery day.

(3) Eurex Clearing AG will, after the end of the Post-Trading Period on the Notice Day, allocate to the Clearing Members with open long positions the bonds notified for delivery, using a selection procedure that ensures the neutrality of the allocation process. The Clearing Members will be informed on the next Exchange day as to which bonds were allocated to them and at what tender.

(4) Paragraphs (1) to (3) shall apply to the legal relationship between General Clearing Members or Direct Clearing Members and their Non-Clearing Members; paragraph (3) shall apply mutatis mutandis to the legal relationship between Clearing Members or Non-Clearing Members, as the case may be, and their respective customers.

1.3.6 Default

(1) For default or technical default at payment, the regulations pursuant Chapter I subsection 1.7.1 paragraph 4 or subsection 1.7.2 paragraph 5 apply mutatis mutandis.

(2) In the event that a Clearing Member which is obligated to deliver is in default and fails to deliver the bonds notified by it on the delivery day and pursuant to the instructions of Eurex Clearing AG, Eurex Clearing AG shall be entitled to take the following measures:

- Eurex Clearing AG is entitled to obtain by means of securities lending the notified bonds and deliver them to the Clearing Member which did not receive delivery in a timely manner.

- Eurex Clearing AG is entitled to designate from the basket of deliverable bonds bonds other than those notified as bonds to be delivered and to deliver such bonds to the Clearing Member which did not receive delivery in a timely manner. The Clearing Member in default has to deliver the bonds designated by Eurex Clearing AG. Eurex Clearing AG is entitled to obtain the notified bonds by means of securities lending and deliver theam to the Clearing Member which did not receive delivery in a timely manner.

- In the event that the bonds to be delivered are not delivered to Eurex Clearing AG as part of the standard transfer arrangement of the respective bank for central depository of securities or of the custodian or Central Securities Depositiory by the fifth Exchange day after the delivery day, Eurex Clearing AG shall be entitled to make a replacement purchase with respect to the undelivered bonds. The replacement purchase is to be carried out through a replacement transaction on a stock exchange on the fifth Exchange day after the delivery day.

Eurex Clearing AG will deliver the bonds acquired through such replacement transaction to the Clearing Member which did not receive delivery in a timely manner.

(3) Measures set forth in paragraph (2) are binding on the Clearing Member which did not receive delivery in a timely manner.

(4) Any costs arising from the measures taken in accordance with paragraph (2) must be paid by the defaulting Clearing Member.

(5) Furthermore, Eurex Clearing AG will charge the defaulting Clearing Member a contractual penalty. The contractual penalty shall be calculated as follows:

Eurex Clearing AG is entitled to a contractual penalty from the defaulting Clearing Member until delivery is made by the defaulting Clearing Member or until a replacement purchase is made by Eurex Clearing AG on the fifth Exchange day. In addition, Eurex Clearing AG will charge a contractual penalty until delivery is made

- In an amount of 0.40 % of the nominal value of the contract per contract and business day for Euro-fixed Futures Contracts. Proviced that the defaulting Clearing Member delivers the owed bonds on the delivery day on the second same-day settlement booking procedure of Clearstream Banking AG, the aforementioned penalty will be reduced down to 0.04 % of the nominal value of the contract per contract.

- In an amount of 0.85 % of the nominal value of the contract per contract and per business day for CONF Futures Contracts.

Furthermore, Eurex Clearing AG will raise a penalty per calendar day in the amount of a percentage of the counter value of the bonds notified for delivery; the percentage is based on the interest rate customary on the money market and is to be announced by Eurex Clearing AG in advance.

(6) The right of Eurex Clearing AG and the Clearing Member which did not receive delivery in a timely manner to claim further damages shall remain unaffected.

1.4 Subpart

Clearing of Index Futures Contracts

The following sub-parts shall rule the Clearing of transactions of Futures Contracts which have been named in number 1.3 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich.

1.4.1 Procedures in Payment

All payments shall be made between the Clearing Members through their accounts at a branch of the Central Bank of Germany (Deutsche Bundesbank), for SMI futurescontracts and for SMIM® futures contracts at the Swiss National bank, on the Exchange day following the final settlement day (subsection 1.3.4 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich). All Clearing Members must ensure their ability to effect payments on the due date thereof by having sufficient credit balances in their account at a branch of the Central Bank of Germany (Deutsche Bundesbank), for SMI futures contracts and for SMIM® futures contracts at the Swiss National bank, or in the account at a branch of the Central Bank of Germany (Deutsche Bundesbank) of the correspondent bank which has been instructed by the Clearing Member to handle the clearing of the contract.

1.4.2 Daily Settlement Price

The daily settlement price shall be determined on the basis of the volume-weighted average of the prices of all transactions concluded within the last trading minute before 17.30 CET. If a price determination by means of aforementioned regulation is not possible or if the determined price does not reflect the actual market conditions, the last price determined between 17.10 and 17.30 CET will be used. ~~always corresponds to the final settlement price determined in the final auction. If a determination of the final settlement price within the final auction is not possible or if the determined~~ price determined at 17.30 CET does not reflect the actual market conditions at the close of trading, ~~the settlement price shall be determined by the price resulting from the price of the last transaction to be executed during the last 15 minutes of an exchange day.~~Eurex Clearing AG may change and re-determine the daily settlement price. ~~If a price determination by means of aforementioned regulation is not possible or if the determined price does not reflect the actual market conditions, Eurex Clearing AG shall reflect the settlement price.~~

For SMI®- and SMIM®-Futures contracts, the daily settlement price always corresponds the closing price determined in the closing auction. If a determination of the closing price within the closing auction is not possible or if the determined price does not reflect the actual market conditions, the settlement price shall be determined on the basis of the price of the last transaction executed within

the last 15 minutes of an Exchange day. Clause 4 of aforementioned paragraph shall apply mutatis mutandis.

1.4.3 Final Settlement Price

The final settlement price of the indext futures contracts will be determined by the Eurex Clearing AG (pursuant to subsection 1.3.4 of the Contract Specifications for Futures Contracts and Options Contracts at the Eurex Deutschland and Eurex Zürich) at the final payment day of a contract.

(1) With respect to the DAX®, MDAX® and TecDAX® futures contracts, the value of the respective index is based on the auction prices calculated by the electronic trading system of the Frankfurt Stock Exchange for those securities included in the respective index of an intraday auction determined by the management boards of the Eurex stock exchanges.

(2) With respect to the OMXH25 futures contracts, the value of the respective index is based on the average prices of the shares included in OMXH25, provided that those prices are based on a transaction with a minimum number of the respective share included in the OMXH25, weighted after the volume of the transactions which are executed at the Helsinki Stock Exchange since the transaction beginning of the ongoing trade of the electronic trading system upt to the final settlement day.

(3) With respect to the SMI® futures contracts, the value of the respective index is based on the prices calculated by means of the electronic trading system of virt-x during the opening auction for the securities and book-entry securities included in the ®I®. With respect to the SMIM® futures contracts, the value of the respective index is based on the opening prices calculated by means of the electronic trading system of SWX Swiss Exchange respectively of virt-x for the securities and book-entry securities included in the SMIM®.

(4) With respect to the DOW Jones EURO STOXX® 50 Index, Dow Jones STOXX® 50 Index, Dow Jones STOXX® 600 Index , Dow Jones STOXX® Mid 200 Index and Dow Jones EURO STOXX® Sector Index and Dow Jones STOXX® 600 Sector Index futures contracts, the value of the respective index is based on the average of the respective Dow Jones STOXX indices calculations at that day from 11:50 a.m. until 12:00 noon. CET.

(5) With respect to the Dow Jones Global Titans 50SM Index futures contracts, the value of the respective index is based on the average prices of the Dow Jones Titan 50® index calculations at that day from 16:50 p.m. until 17:00 p.m. CET.

(6) With respect to the Dow Jones Italy Titans 30SM Index futures contracts, the value of the respective index is based on the prices determined by the electronic trading system Borsa Italiana during the opening auction for the prices of the securities and book-entry securities included in the Dow Jones Italy Titans 30SM.

(7) In case of extraordinary circumstances, especially if the trading is interrupted due to technical problems or if a price determination for one or more securities or book-entry securities is not possible for other reasons, the Eurex Clearing AG may determine the final settlement price by means of another procedure.

1.4.4 Performance, Delivery

Open positions from the last trading day of a contract shall be balanced on the final settlement day by means of a net payment credited to or debited from the internal cash clearing account of the Clearing Member. Such payment shall equal the difference between the final settlement price of such contract and such contract's daily settlement price on the Exchange day preceding the last trading. For positions opened on the last trading day, the booking amount shall equal the difference between the final settlement price and the trading price.

1.4.5 Default in Payment

Defaults or technical defaults in payment shall be subject to the provisions of Chapter I Subsection 1.7.1 paragraph 4 or subsection 1.7.2 paragraph 5 respectively.

(...)

2. Part:

Clearing of Options Contracts

The following sub-parts shall rule the Clearing of transactions of Futures Contracts which have been named in number 2 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich.

(...)

2.3 Subpart:

Clearing of Options Contracts on Fixed Income Futures Contracts

The following sub-parts shall rule the Clearing of transactions of Options Contracts on Money Market Futures Contracts which have been named in number 2.3 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich.

2.3.1 General Regulations

The clearing of Options Contracts is subject to the following rules up to the assignment of the exercised option pursuant to the regulations for the clearing of options contracts, in line with the opening of the futures position pursuant to the regulations for the clearing of futures oontracts.

2.3.2 Option Premium

The balance of the option premiums ("Net Premium") to be paid by the Clearing Members pursuant to subsection 2.3.4 of the Contract Specifications for Furtures Contracts and Options Contracts at Eurex Deutschland and Eurex Zürich and to be reimbursed by Eurex Clearing AG shall be payable by the time specified by Eurex Clearing AG on the Exchange day following the conclusion of the transaction pursuant to the following subsection 2.3.3, but generally prior to the commencement of trading at Eurex Deutschland and Eurex Zürich on such Exchange day.

2.3.3 Daily Settlement Price

The daily settlement price of an option series shall be determined at 17.15 CET. The daily ~~is the~~settlement price is the price of the last transaction entered into in such option series during the final 15 minutes before 17.15 CET~~of a trading day~~. If no transactions are entered into in such option series during such period, or if the calculated price does not reflect the actual market situation, Eurex Clearing AG shall determine the daily settlement price. If the daily settlement price determined at 17.15 CET does not reflect the actual market conditions at the close of trading of Euro Fixed Income Options, Eurex Clearing AG may change and re-determine the daily settlement price.

2.3.4 Daily Settlement prior to Exercise

(1) For each contract, profits and losses arising out of open positions on any Exchange day will be determined at the end of the Post-Trading Period and credited to or debited from the internal cash clearing account. For open positions from the previous Exchange day, the amount to be debited or credited shall equal the difference between the daily settlement prices of the contract in question on the relevant Exchange day and on the previous Exchange day. For transactions on the relevant Exchange day, the amount to be credited or debited shall equal the difference between the price at which the transaction was concluded and the daily settlement price of the contract for such Exchange day.

(2) Paragraph (1) shall apply to the legal relationship between General Clearing Members or Direct Clearing Members and the Non-Clearing Members represented by them mutatis mutandis.

2.3.5 Margin Requirements prior to Exercise

(1) The basic provisions for margin requirements are set forth in subpart: Margin Requirements (chapter I, subsections 1.3.1 through 1.3.5). In addition thereto, the following conditions shall apply:

(2) For all options series, a further margin requirement ("Additional Margin") shall be calculated in an amount sufficient to cover any change to the cost of closing all options positions assuming the least favorable price developments, as determined by Eurex Clearing AG, until the next calculation of margin.

2.3.6 Procedure for Exercise of Options

(1) On behalf of an Exchange Participant that exercises a call option, Eurex Clearing AG shall, subsequent to the Post-Trading Period on the exercise day of the respective option, open a corresponding long position in the underlying Futures contract with the stipulated exercise price.

(2) On behalf of an Exchange Participant to which the exercise of a call option is assigned, Eurex Clearing AG shall open a corresponding short position in the underlying Futures contract with the stipulated exercise price.

(3) On behalf of an Exchange Participant that exercises a put option, Eurex Clearing AG shall, subsequent to the Post-Trading Period on the exercise day of such option, open a corres-ponding short position in the underlying Futures contract with the stipulated exercise price.

(4) On behalf of an Exchange Participant to which the exercise of a put option is assigned, Eurex Clearing AG shall open a corresponding long position in the underlying Futures contract with the stipulated exercise price.

(5) On behalf of an Exchange Participant which are no Clearing Members, Chapter I, subsection 1.2.1 paragraph (2) applies.

2.3.7 Futures Position

(1) Unless otherwise provided below, the provisions of subsections 1.3 shall apply for the futures position opened in accordance with subsection 2.3.6.

(2) Notwithstanding subsection 1.3.2, the following shall apply:

The difference between the exercise price of the exercised and assigned option and the daily settlement price of the underlying futures contract on the exercise day shall be settled in cash. The amount of such cash settlement shall be credited to or debited from the internal cash clearing account of the Clearing Member.

(...)