X-pand into the Future

e u r e x *information*

Date: Frankfurt, 2 July, 2002
Recipients: All Eurex Clearing members and vendors
Authorized by: Peter Reitz

Central Counterparty – CCP Circular 20/02

Related CCP Circulars: CCP 14/02

Contact: Functional Member Readiness: Tel. +49 (0)69-2101-1700

Content may be most important for:	**Attachments:**
➲ Central Counterparty Coordinators	CCP Circular 20/02 (English/Deutsch) Attachment: 1. CCP Access – Application for Usage of Existing Line Infrastructure (Bilingual Deutsch/English)

Please find attached a copy of Central Counterparty Circular 20/02 sent to Frankfurter Wertpapier Börse members and vendors recently.

It provides an update to CCP Circular 14/02 and covers the conditions required for the use of existing technical infrastructure for connection to the CCP system.

An application form for accessing the CCP system via existing Xetra and Eurex lines is attached, and should be returned as soon as possible if members wish to use this option.

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Management Board:
Rudolf Ferscha (CEO), Jürg Spillmann,
Daniel Gisler, Thomas Lenz,
Michael Widmer

CCP Circular 20/02

To the FWB Members, Xetra® Members and Vendors (does not concern pure Trading Members without own settlement)

Recipients: Project Coordinators, System Administrators

FWB
Frankfurter
Wertpapierbörse

Management

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Central Counterparty – CCP June 26, 2002
CCP Technical Connection - Update

Dear Sir or Madam,

with this circular, we would like to inform you about further details of the technical connection to the CCP-system (as described in the "CCP Connection Alternatives and Preliminary Sizing Indication", see circular 14/02), especially the use of existing infrastructure.

In order to minimize the integration effort for participants, the access to the CCP-system is provided via

- SNA file transfer using the known file formats currently used for CBF and XONTRO data exchange,
- a TCP/IP connection based on the proven Xetra and Eurex communication architecture using the known MISS/VALUES concept allowing interactive access, especially to new CCP features like trade linking and gross delivery management.

Aside from the possibility to use existing Xetra and Eurex MISS infra-structure, existing network lines can be re-used under certain conditions.

Usage of existing MISS infrastructure

Existing Xetra or Eurex MISS infrastructure can be re-used as "multi-market" installations. (Please note that the sizing of a „multi-market" MISS is calculated by adding up the sizing requirements for each market.)

General Managers:
Edward Backes
Dr. Heiko Beck
Rudolf Ferscha
Frank Gerstenschläger
Volker Potthoff

Usage of existing network lines and infrastructure

In general, it is recommended to use a dedicated CCP connection (as described in the document „CCP Connection Alternatives and Preliminary Sizing Indication“). However, in certain cases, the bandwidth of existing Xetra or Eurex lines can be shared with the CCP. The bandwidth sharing option is suitable for participants which

- are using SNA file transfer for intra-day file transfer,
- are planning a moderate amount of inquiries,
- intend to make moderate use the new CCP features, which are offered on the CCP front-end (e.g. linking of trades), or VALUES API based applications and
- are using an already existing connection to Eurex to use collateral management functionalities and reports (valid for Clearing Members).

Bandwidth sharing will be technically provided by the use of Generic Traffic Shaping (GTS, a Cisco router feature) on existing lines. The bandwidth of existing Xetra and Eurex lines can be shared with the CCP subject to the following details:

- up to 16 kbps available for CCP on a Xetra line (12.5% of 128 kbps in total),
- up to 8 kbps available for CCP on a Eurex line (12.5% of 64 kbps in total),
- up to 100% of the bandwidth will be available for Xetra or Eurex trading or derivatives clearing if the CCP share of 12.5% is not used,
- 87.5% of the bandwidth will be available in case the CCP share of 12.5% is used.

It must be considered that bandwidth sharing on existing Xetra or Eurex lines may cause adverse effects:

- there may be an impact on trading applications in case of network peaks, as the available bandwidth is reduced by up to 12.5% in case CCP data is transferred in parallel,
- the low bandwidth available for the CCP may cause noticeably slow screen updates of the CCP-system front-end,
- if the start-up-reference-data (CCP-refDat-file) has not been received with the end-of-day-batch, it is necessary to start the CCP-MISS prior to the Xetra/Eurex trading start in order to avoid negative impact on the trading applications.

Due to the impact on the data transfer to the trading applications, intra-day file transfer is only allowed via SNA or via a dedicated CCP line.

Therefore, we would like to emphasize that the re-use of line bandwidth is not recommended for participants planning to make extensive use of new CCP features (e.g. linking of trades) or VALUES API based applications.

For the administration and operating support of existing network lines, the connection to the CCP will be charged a basic fee of EUR 500,- per month (for further details, please refer to the “CCP Communications Costs”, as published with circular 14/02).

To apply for the usage of existing line infrastructure, please use the enclosed application form.

Usage of existing SNA communication infrastructure

Intra-day files (CE260 – Pending Deliveries, CE270 – Settled Deliveries; Settlement Instruction Data Carrier) can be exchanged via SNA.

Usage of a Multi-Member MISS

A Multi-Member MISS is an installation under which several participants are using a MISS-infrastructure jointly. Due to the confidentiality of the data, the operation of a Multi-Member MISS requires a separate permission, which can be granted in the following cases:

- affiliated participants are using a Multi Member MISS installation jointly,
- the participants belong to a mutual association (e.g. Sparkassen etc.),
- the provider of the Multi-Member MISS is a neutral service provider, i.e. does not engage in equity clearing itself.

A Multi-Member MISS installation has to be connected to the CCP system via dedicated CCP-network lines. The provider will be charged a basic fee plus the costs for the requested bandwidth. Participants, which are connected to the CCP-system exclusively via a Multi-Member MISS, will only be charged a basic fee (for further details, please refer to the “CCP Communications Costs”, as published with circular 14/02).

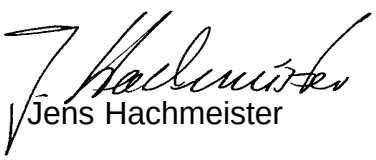
Access Order

We are confident that the detailing of the use of existing infrastructure will support you in deciding which connection may be most appropriate for your installation. As the ordering of network lines is critical for a timely connection to the CCP, we would ask you to contact our CCP Change Management Team immediately and send us your CCP access order (see circular 14/02) **as soon as possible**.

For any questions you may have, please do not hesitate to contact the CCP Change Management Team under

telephone: +49(0)69-21 01-16 40
fax: +49(0)69-21 01-16 41.

Yours faithfully
On behalf of the Management



Jens Hachmeister



Christian Ochsner

Enclosure

CCP - Zugang - Antrag zur Nutzung bestehender Leitungen
CCP - Access - Application for usage of existing line infrastructure

X-pand into the **Future**

Eurex Frankfurt AG

Eurex Member Readiness Team

60487 Frankfurt am Main

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Antragsteller / *Applicant*

Name des Unternehmens / *Name of Company*

Ansprechpartner / Contact Person

Straße oder Postfach / *Street or Post Box*

Land, PLZ und Ort / *Country, Postal Code and Town*

Telefon / *Phone* Fax

Hiermit stellen wir den Antrag zur Nutzung bereits bestehender Leitungsinfrastruktur für die Anbindung an das CCP-System (über einen Access Point der Gruppe Deutsche Börse) / *We hereby apply for the usage of an existing line infrastructure for the connection to the CCP system (via an access point of Deutsche Börse Group).*

Vorhandene Anbindung / *Existing Connection Type*

☐ Xetra

☐ Eurex

Circuit-ID: _____

Technischer Ansprechpartner / *Technical Contact Person*

Vorname und Name / *First Name and Name*	Vertreter: Vorname und Name/ *Representative: First Name and Name*
Telefon / *Phone* Fax	Telefon / *Phone* Fax
E-Mail	E-Mail

Eine Nutzung der bestehenden Leitungen ist nur unter der Voraussetzung möglich, dass Intra-day Reports über SNA-File Transfer bezogen werden. Clearing Member benötigen zusätzlich eine Anbindung an die Eurex.

Uns ist bekannt, dass bei nicht hinreichender Leitungskapazität Verzögerungen und sonstige Beeinträchtigungen auftreten können, die zu Einschränkungen der Handelstätigkeit im Eurex- oder Xetra-Handelssystem sowie zu einer Beeinträchtigung der Nutzung des CCP-Systems führen können, und dass die Eurex Frankfurt AG eine hinreichende Kapazität unserer bestehenden Leitungen für die hier beantragte zusätzliche Nutzung nicht überprüft oder gewährleistet.

The usage of existing lines is only possible if intra-day reports are received via SNA file transfer. Moreover clearing member need to be connected to Eurex.

We are aware that insufficient line capacity may lead to delays and other impairments which may result in limitations in trading activities on the Eurex or Xetra trading systems as well as impairments regarding the usage of the CCP system and that Eurex Frankfurt AG does not check whether nor guarantee that the capacitiy of our existing lines is sufficient for performance of the additional usage applied for hereby.

Datum / *Date* Unterschrift des Antragstellers / *Signature of Applicant*

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