X-pand into the Future

e u r e x *information*

Date: Frankfurt, October 9, 2002
Recipients: All Eurex Clearing members and vendors
Authorized by: Peter Reitz

Central Counterparty – CCP Circular 45/02

Related CCP Circular: 17/02

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Content may be most important for:	**Attachments:**
➲ Central Counterparty Coordinators	CCP Circular 45/02 (English/Deutsch) XONTRO Newsletter No. 9 (English/Deutsch) S.W.I.F.T. Message Formats (English/Deutsch)

Please find attached a copy of Central Counterparty Circular 45/02 sent to Frankfurter Wertpapierbörse members and vendors recently.

Attached to the Circular are:

1. XONTRO Newsletter No 9, which complements Newsletter No 7 distributed with CCP Circular 17/02.
2. Detailed descriptions of relevant S.W.I.F.T. message formats.

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CCP Circular 45/02

Deutsche Börse

To the FWB Members, Xetra® Members and Vendors

Recipients: Project Coordinators, Back Office Contacts, IT Contacts

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Central Counterparty - CCP October 4, 2002
Update Contract Note Data Carrier/XONTRO Newsletter No. 9

Dear Sir or Madam,

Associated with the implementation of the Central Counterparty for Equities, we are pleased to provide you today with updated documentation including detailed descriptions of the S.W.I.F.T. message formats for contract notes, trade confirmations and CCP trades originating from XONTRO Trade.

Please also find enclosed the XONTRO Newsletter No. 9, which complements Newsletter No. 7 distributed with CCP circular 17/02. Newsletter No. 9 explicitly gives details concerning amendments of existing contract note data carrier fields, refers to the creation of the separate data carrier for order contract notes and provides an overview of the new CCP-related fields. All changes compared to Newsletter No. 7 are highlighted on the left-hand side of each page.

Should you have further questions or require additional information, please do not hesitate to contact the CCP Change Management Team at telephone +49(0)69-21 01-16 60 or fax +49(0)69-21 01-16 61.

Yours faithfully
On behalf of the Management

Jens Hachmeister Christian Ochsner

Enclosure



52 days to go

Start of CCP Simulation on November 25, 2002

General Managers:
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XONTRO Newsletter

Financial Institutions

No. 9

XONTRO / Financial Institutions

Newsletter
No. 9

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1 Summary

The following changes will take effect in XONTRO® with the introduction of the CCP, or with the introduction of the new trading system of Nasdaq Deutschland (ETS), respectively:

- New parameter values in already existing fields of the contract note data carrier
- Introduction of new fields in connection with the CCP
- Generation of a separate note file for order contract notes
- Generation of a separate note file for trades originating in ETS.

This Newsletter No. 9 represents a supplement to or an enhancement of Newsletter No. 7. Therefore, the changes and enhancements compared to Newsletter No. 7 are highlighted with bars on the left-hand side.

In addition, the

- Introduction of the ISIN

will take place on November 11, 2002.

2 General explanations

2.1 CCP

The Frankfurt Stock Exchange is planning to introduce a Central Counterparty (CCP) for equity trading in Xetra and XONTRO.

A detailed description of the effects on the XONTRO/Xetra trading systems is given in the document “Central Counterparty for Equities (CCP) – Effects on the Xetra/XONTRO Trading Systems“, which was distributed together with CCP circular 15/02.
Changes to the contract note data carrier will be explained in a separate chapter. Those changes will not become effective in production before the CCP introduction in the first quarter of 2003. However, the changes will be available as early as mid-November 2002 during the CCP simulation phase.

Please note that the described changes will be active in IMS27 about two weeks prior to the simulation start. Banks and financial institutions not wishing to participate in the simulation from the start, will receive the new CCP information via the contract note data carrier from IMS27 nevertheless. Therefore, we recommend that all contract note subscribers
adjust their respective processing routines to the changes before November 2002.

Detailed information regarding the simulation time schedule and the functionalities subject to testing will be provided in due time by the CCP project team.

2.2 Nasdaq Deutschland

Nasdaq Deutschland (WM – exchange code 110) is planning to introduce a new electronic trading system (ETS). Trades generated in ETS will be transferred once a day – after the close of trading – to XONTRO. From there, they will be sent to Clearstream Banking Frankfurt for settlement. Nasdaq Deutschland members, who are also XONTRO data carrier subscribers, will receive a separate contract note data carrier on a regular basis, which only lists trades generated in ETS. Thus, all contract note subscribers wishing to process ETS trades are recommended to timely adapt their processing routines to the new features of the contract note data carrier.

Detailed information regarding the time schedule of the simulation and the functionalities subject to testing will be provided in due time by the CCP project team.

3 Technical explanations concerning the contract note data carrier

Further information regarding version 19.**3** of the contract note data carrier, which will be used in production, is now available.

Therefore, we have updated the description of the contract note data carrier and have added additional explanatory comments. Please note the highlighted changes in the updated version.

The complete documentation regarding the contract note data carrier and the technical connection is available on our homepage www.xontro.de. Please follow the links Produkte/XONTRO/Dokumentation/Kreditinstitute/Systemanschluss.

3.1 Further changes and information pertaining to the CCP introduction

1. **PREVIOUSLY:** Settlement-Schlussnote **NEW:** Order-Schlussnote (order contract note)

Due to the introduction of the CCP, both trading contract notes and order contract notes will be generated in XONTRO. Via the processing control, contract note recipients may subscribe to either both trading contract notes and order contract notes, or to trading contract notes only.

Xetra members, who have not selected aggregation on order level, continue to receive only trading contract notes for their Xetra trades against the Central Counterparty, as before. In this case, the field “identifier netting-type” remains void in the corresponding trading contract note.

Also, XONTRO members only receive trading contract notes for their XONTRO trades concluded against the Central Counterparty, given that the possibility for aggregation on order level only exists for Xetra trades. The field “identifier netting-type” remains void in the corresponding trading contract note.

Xetra members, who have selected aggregation on order level, may opt for the additional receipt of order contract notes for their Xetra trades against the Central Counterparty. Among other information, those order contract notes include order-related aggregated information (“amount”, “settlement amount”) necessary for delivery management on order level.

As a distinctive feature compared to trading contract notes, order contract notes contain the new record types “018” (buy) and “028” (sell). In contrast to the current contract note data carrier, the prefix of the order contract note will receive the transmission identifier “BOEGA-SDTS”. The field “identifier netting-type” is given as “O” in both the trading contract note and the order contract note.

In Newsletter No. 7, the new exchange trading place “096” was announced as further distinguishing feature compared to the trading contract notes. However, the introduction of the CCP will provide the possibility of aggregation on order level for Xetra trades only; therefore, order contract notes will show the exchange trading place “194”, indicating Xetra.

Upon request, BrainTrade provides contract note subscribers with a specific form for the application for the receipt of those order contract notes.

2. New label O 57B: Information related to a CCP trade

The new label contains the two fields

- identifier CCP trade

  All Floor trades, Xetra trades and order contract notes (origninating from Xetra trades subject to Order Level Netting) with the CCP as counterparty generating a so-called CCP trade, will be marked as such. Those trades are subject to Gross Delivery Management (GDL) of the CCP.

  A detailed definition of which trades lead to a trade with the CCP as counterparty is contained in the document „Effects on the Xetra/XONTRO Trading Systems“, which was distributed with CCP circular 15/02.

- CBF number of the Clearing Member

  Here, the Trading Member’s Clearer (=NCM according to CCP criteria) is shown, indicated by his CBF number. If there is no entry in the customer master data, this field remains blank.

3. Roles of Xetra Members

With the introduction of the CCP, the Eurex Clearing structure will be integrated into the existing trading and settlement structure of the cash market. This leads to a distinction between the areas of trading, clearing and settlement. Therefore, we changed the terms used in the description of the labels 82D: counterparty and 87F: buyer/seller. The previously so-called Xetra Clearer will now be named correctly “Settlement Institution“.

A detailed description of the various roles from the CCP viewpoint is given in the document „Central Counterparty for Equities – Clearing Guideline“, which was distributed together with CCP circular 09/02.

4. Where are CCP identifiers displayed?

After the introduction of the CCP, the previous file 82D and/or 87F will display CCP identifiers instead of today's counterparties. This means that the current processing logic of your in-house systems will not be changed. Instead of a bank-related identifier, such as "7003" for a trade concluded in Frankfurt, the CCP will now be displayed, indicated by the CBF identifier of the respective trading location, for example "8501" for Frankfurt.

After the introduction of the CCP at the regional exchanges, the CCP-related CBF number of the specific exchange trading place will be displayed. For a general identification of CCP trades, we recommend inquiring the new field 57B "identifier CCP trade", instead of inquiring by the CCP's CBF numbers.

A detailed description of which trades lead to a trade with the CCP as counterparty is given in the document „Effects on the Xetra/XONTRO Trading Systems".

1.) XONTRO trade without the CCP as counterparty

No.	Transaction	Contract note recipient	Transaction type of the contract note	Field 82D KONT	Field 87F Buyer/Seller
1	7998 sells to 1998	7998 1998	Sell contract note Buy contract note	void void	C/1998 (buyer) D/7998 (seller)

2.) XONTRO trade with the CCP as counterparty

No.	Transaction	Contract note recipient	Transaction type of the contract note	Field 82D KONT	Field 87F Buyer/Seller
2	7998 sells to 1998	7998 1998	Sell contract note Buy contract note	void void	C/8501 (buyer) D/8501 (seller)

3.) Xetra – trades without entry of the CCP

3.1.) Both members are also Settlement Institutions:

- label 87F shows on both contract notes the Xetra / contract note member counterparty.

3.2.) One member is a Settlement Institution:

- label 87F shows on both contract notes the Xetra / contract note member counterparty, who is not a Settlement Institution.

3.3.) None of the two members is a Settlement Institution:

- label 87F shows on both contract notes the Xetra / contract note member of one side and the member who entered as the counterparty on the other side.

=> in this case, label 87F appears twice!

No.	Transaction Xetra / order contract notes	Contract note recipient	Transaction type of the contract note	Field 82D KONT	Field 87F buyer/seller
1.)	7998 sells to 1998	7998 1998	Sell – Xetra/OTC/Best Buy – Xetra/OTC/Best	1998 7998	C/1998 (buyer) D/7998 (seller)
2.)	7998 sells to 7899 7899 settlement via 1998	7998 1998	Sell - Xetra/OTC/Best Buy - Xetra/OTC/Best	1998 7998	C/7899 (buyer) C/7899 (seller)
3.)	7899 sells to 1899 7899 settlement via 7998 1899 settlement via 1998	7998 1998	Sell - Xetra/OTC/Best Buy - Xetra/OTC/Best	1998 7998	C/1899 (buyer) D/7899 (seller) C/1899 (buyer) D/7899 (seller)

4.) Xetra – trades with the entry of the CCP

In the future, the original counterparty and trading member on the opposite side will no longer be displayed.

4.1.) The member is also a Settlement Institution:

- both labels 87F and 82D contain the CCP as counterparty

4.2.) The member is not a Settlement Institution:

- label 87F contains the original trading member of the own side, label 82D shows the CCP as the counterparty

No.	Transaction Xetra / order contract notes	Contract note recipient	Transaction type of the contract note	Field 82D KONT	Field 87F Buyer/Seller
1.)	7998 sells	7998	Sell - Xetra/OTC/Best	8501	C/8501 (buyer)
	1998 buys	1998	Buy - Xetra/OTC/Best	8501	D/8501 (seller)
2.)	7998 sells and settlement via 7888	7888	Sell - Xetra/OTC/Best	8501	D/7998 (seller)
	7899 buys and settlement via 1998	1998	Buy - Xetra/OTC/Best	8501	C/7899 (buyer)

5. Contract note distribution for Clearers

The receipt of the contract note data carrier for contract note subscribers is enabled in the processing control BCIN / BV in the XONTRO system. This functionality will not be affected by the introduction of the CCP.

However, in addition, it is ensured that a Trading Member‘s Clearing Member is entitled to receive contract notes, even if the Clearing Member does not correspond to the current contract note recipient (Trading or Clearing Member) as today. In this case, parameters comparable to those available to the current contract note recipient will be available to the Clearing Member via processing control (e.g. interval (hourly/end-of-day), contract note distribution for XONTRO/Xetra etc.); these settings may only be modified by BrainTrade.

Upon request, BrainTrade provides Clearing Members with a specific application form for the receipt of those contract notes.

3.2 Major changes due to the introduction of ETS

The prefix (field 77E) of the separate file for ETS trades will receive the identifier „BOEGA-SDT**N**".

No new fields will be added to the data records, only the value ranges of four labels will change:

MT512 CONTRACT NOTE/TRADE CONFIRMATION	
Label 21: order reference	constant **'NAD'** for ETS order numbers
Label 72: information sender to recipient	**for ETS trades** digits 1 - 7: text **"NASDAQ/"** from digit 8: variable text (max. 12 digits) The new number **3860** for ETS trades will be introduced in the field „originator".
Label 82D: counterparty	For ETS trades, the label 82D is always filled with the **Settlement Institution** of the other side.
Label 87F: buyer / seller	Label 87F contains the ETS Members. Details are given in the contract note data carrier description.

MT599 FREE-FORM-NACHRICHT	
Label 79: order reference	In case of an ETS order number, the order reference receives the prefix „NAD" as a constant.

4 Introduction of the ISIN

As announced in Newsletter No. 6 from February 28, the introduction of the ISIN is planned for mid-November. Meanwhile, the exact introduction date November 11, 2002 has been set.

4.1 Effects

No changes regarding content or functionalities are associated with the introduction of the ISIN. Merely the following rules have to be observed:

- for entries in any of the provided masks, the 12-digit ISIN or the 6-digit WKN (German security identification number) or the 3- or 4-digit exchange code are allowed. The 6-digit WKN format will change from numeric to alphanumeric.

- the display in any mask or printing list will only show ISINs. As well, displayed data will be sorted by ISIN.

The system connection for financial institutions and the contract note data carrier both already support ISINs. Where the WKN is shown as additional information in these systems, the format has been modified to alphanumeric and the respective field has been set to „optional“. The WKN will continue to be displayed in those fields as long as it is available.

4.2 Online masks

As indicated in Newsletter No. 8 from June 15, the introduction of the ISIN will require minor changes in the layout of the online masks. In order to provide an opportunity to make yourself familiar with the changes, the modified masks will be available from October 22 until November 7 in our test systems IMS27 (for Frankfurt CBF numbers) and IMS73 (for regional CBF numbers). You can log in to the systems as follows:

- on the starting screen, enter „IMS27“ instead of „IMS1“ (Frankfurt), or „IMS73“ instead of „IMS13“ (regional).
- the user ID is „KVNR192799“, with KVNR representing the CBF number in production.

- the password is „11111111“.

We have disabled some of the CBF numbers, as we need those to carry out own tests. We would ask you to login to the test system with one of your production CBF numbers. Other numbers should only be used if absolutely necessary. Please also note that the Frankfurt transaction codes are BC**, whereas the regional transaction codes have the format BR**.

4.3 Lists

From September 30, the following printing lists will be available in their updated layout on our Internet portal www.xontro.de under Produkte\XONTRO\Dokumentation\Kreditinstitute\Systemanschluss:

- “Orderbestandsliste” (order portfolio list)
- “Kursdifferenzliste” (price differences list)
- “Gedruckte Schlussnoten” (printed contract notes).

BRAINTRADE
WIR MACHEN DEN KURS

S.W.I.F.T Message formats for contract notes, trade confirmations and CCP trades
in XONTRO Trade

Valid as of November 11, 2002

Version: 19.3

as of: September 9, 2002

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Contract notes/trade confirmations (MT512)

Function: transmission of trade confirmations and contract notes in S.W.I.F.T. - format. The following transaction types are possible:

- transactions mediated by brokers – Platz
- interbank transactions – Platz
- PUEV transactions between banks
- PUEV transactions with intermediaries
- XONTRO Order transactions
- Xetra transactions
- INVESTRO transactions
- Order contract notes Xetra transactions (Order Level Netting)
- ETS transactions

BrainTrade may use the following parameters for trade contract notes data carrier transmissions according to the customer's wishes:

Transmission parameters:

- on an hourly basis
- on a daily basis
- by DWZ or Xetra order numbers
- by bank internal order numbers
- no order numbers
- Xetra trade confirmations in a separate run
- Xetra trade confirmations together with floor trading run (if on hourly basis: last run) **(will no longer be available as of first quarter 2001)**
- no Xetra trade confirmations
- Order contract note data carrier in separate run
- ETS transactions are provided once a day in separate run

Should you have any questions, please refer to BrainTrade on tel. +49(0)69-58 99 78-110.

Note: Contract note data carriers will be sent via file transfer and not via S.W.I.F.T.. The S.W.I.F.T. address given in the basic header and application header will not be used for transmission.

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Example for contract notes data record structures:

Settlement orders:

BUY SIDE	SELL SIDE
Bank 1: order 1 = 100	Bank 3: order 4 = 200
order 2 = 50	Bank 4: order 5 = 250
Bank 2: order 3 = 300	

The following contact notes (SNO) and trades (GNR) result from the algorithm of allocation above:

SNO1/GNR1:	Bank 2 = 250	**SNO2**/GNR1:	Bank 4 = 250
SNO3/GNR2:	Bank 1 = 150	**SNO4**/GNR2:	Bank 3 = 150
SNO5/GNR3:	Bank 2 = 50	**SNO6**/GNR3:	Bank 3 = 50

One MT 512 is generated for each trade per financial institute. If necessary, 'n' MT 599s are generated in the following way:

SNO1 MT 512

Recipient =	bank 2
20:	GNR1
21:	order no. 3
23:	buy
Number	250
Counterparty	bank 4

SNO2 MT 512

Recipient =	bank 4
20:	GNR1
21:	order no.. 5
23:	sell
Number	250
Counterparty	bank 2

SNO3 MT 512

Recipient =	bank 1
20:	GNR2
21:	MT599
23:	buy
Number	150
Counterparty	bank 3

SNO4 MT 512

Recipient =	bank 3
20:	GNR2
21:	order no.. 4
23:	sell
Number	150
Counterparty	bank 1

SNO3 MT 599

recipient =	bank 1
20:	serial no.
79:	GNR2 (1st row/SNO-Ref.) order no. 1 (2nd row/ONR-Ref.) nominal 100 order no. 2 (3rd row/ONR-Ref.) nominal 50

SNO5 MT 512

Recipient =	bank 2
20:	GNR3
21:	order no. 3
23:	buy
Number	50
Counterparty	bank 3

SNO6 MT 512

Recipient =	bank 3
20:	GNR3
21:	order no. 4
23:	sell
Number	50
Counterparty	bank 2

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

The section below illustrates the structure of contract note data carriers in S.W.I.F.T. - format.

The first part of the S.W.I.F.T. message consists of the basic header:

Basic header

Block indicator	= 1:		
Application indicator	= F	(1a)	for applications financial sector
Data unit indicator	= 01	(2n)	for system and user messages
Address	= 12 digits (4a2a2c1c3c)		recipient's S.W.I.F.T. - address for output messages
Session no.	= 0000	(4n)	selected application program
Sequential number	= 999999	(6n)	OSN (Output Sequence Number)

Application header

Block indicator	= 2:		
Input/output indicator	= O	(1a)	for output
Transaction type	= 598	(3n)	message type: opening sentence/concluding sentence
	= 512	(3n)	message type: data record
	= 599	(3n)	message type: free format
Time of entry	= hhmm	(4n)	time of production

Input reference MIR	= yymmdd	(6n)	date of entry
			12-digit sender S.W.I.F.T. - address (4a2a2c1c3c)
	0000	(4n)	session no.
	999999	(6n)	ISN (input sequence number)
Output date	= yymmdd	(6n)	
Output time	= hhmm	(4n)	
Priority	= N	(1n)	for ‚normal'

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Text block

Texts of user messages in S.W.I.F.T. I and II are identical, except for an additional block separator in S.W.I.F.T. II (= 4:).

After that follow the labels:

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
M	20:	Trade no.	3n6n7n
		– exchange trading place	3n
		– exchange trading day (yymmdd)	6n
		– serial no.	7n
		*(for detailed description, see page **12**)*	
M	21:	Order reference	16x
		– 'DWZ' constant for DWZ order numbers	3a
		– order no.	
		-> exchange trading day (yymmdd)	6n
		-> serial no.	7n
	or		
		–'XET' constant for Xetra order no.s	3a
		– order no.	13n
	or		
		–'NAD' constant for ETS order no.s	3a
		– order no.	13n
	or	– bank internal order no.s	[16x]
	or	**– '/NONREF'**	[16x]
	or	**– 'MT599'**	[16x]
		*(for detailed description, see page **12**)*	
M	23:	Transaction type	6a/3n/[1a]/[J] **[/[2x][/2x][/1a]]**
		– BOUGHT or SOLD	6a
		– record type	/3n
		– indicator release for delivery	/[1a]
		'J' – ("yes"): automatic release for delivery after execution	
		'N' – ("no"): no automatic release for delivery after execution	
		– indicator 'IW-trade'	/[J]
		– indicator own-account trading	**[/[2x]**
		– indicator for exchange trading	**[/2x]**
		'AB' – OTC – trading	
		'BS' – exchange trading	
		– netting type	**[/1a]]**

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

*(for detailed description, see page **13-16**)*

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
M	31P:	Transaction details	6n3n/[2a]/[2a]/[1a]/[N] [6n,4n]
		– trade date (yymmdd)	6n
		– originator's exchange trading place	3n
		– indicator for different trade date **'AS'**	/[2a]
		– indicator for fixed value date **'FO'** – value free of payment **'FV'** – value against payment **'FZ'** – value vs. payment **'FI'** - value international	/[2a]
		– indicator for manual entry of interest days or discount days **'M'**	/[1a]
		– Prefix for price difference (see field 33S) **'N'**	/[N]
		– Different counterparty price	[6n,4n]
		*(for detailed description, see page **17**)*	
M	30:	Further transaction details	6n/[4n]/[3n]/[2a]/[1a]
		– Date fixed value date (yymmdd) or dummy value '000000' if no entry was made	6n
		– Time of entry (hhmm)	/[4n]
		– Exchange trading place of registration	/[3n]
		– Indicator for differing date of transaction 'AA'	/[2a]
		– Incicator for "After hours trading"	/[1a]
		*(for detailed description, see page **17-18**)*	
M	35A:	Type and number of units/nominal value of security	3a10n,3n
		– type of security	3a
		– unit or nominal value	10n,3n
		*(for detailed description, see page **19**)*	
M	35B:	1st row - securities identification number (SIN)	ISINb12c
		2nd row - securities short name	35x
		3rd row	3n1n/[4n,9n]/[8x] /[2x1n,9n]
		– type of custody	3n
		– unit of security quotation **'1'** - unit quotation **'2'** - percentage quotation **'3'** - per thousand quotation	1n
		– interest rate	/[4n,9n]
		– coupon date	/[8x]

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
		– indicator - security with pool factor/ funding debentures **'PF'** - securities with pool factor **'FS'** - funding debentures	/[2x
		– Pool factor/conversion factor	1n,9n]
		4th row	[ISINb12c]
		– serial SIN (in case of trading in ordinary securities numbers, the first series stored in the master data will be inserted)	
		*(for detailed description, see page **19-23**)*	
O	82D:	– counterparty (CBF account no.)	/4n
M	87F:	Buyer/seller	4a/1x/4n
		– constant **'APMT'** = against payment	4a
		– constant **'C'** for buyer	/1x
		constant **'D'** for seller	
		– CBF account no. of the buyer /seller	/4n
O	87F:	Buyer/seller	4a/1x/4n
		– constant **'APMT'** = against payment	4a
		– constant **'C'** for buyer	/1x
		constant **'D'** für seller	
		– CBF account no. of the buyer /seller	/4n
		*(for detailed description of 82D + 87F, see page **24**)*	
M	33T:	Contract price	3a6n,4n
		– currency code (settlement currency if quoted in units, or else currency of securities account)	3a
		– amount	6n,4n
O	32M:	Market value	3a12n,2n
		– currency code (settlement currency)	3a
		– amount	12n,2n
O	33S:	Price difference	3a12n,2n
		– currency code (settlement currency)	3a
		– amount (if field 31P has the value ‚N', the intermediary transfers the money, otherwise, he/she charges it)	12n,2n
O	34G/H	Interest accrued	3n3a10n,2n
		– interest days	3n
		– currency code (settlement currency)	3a
		– amount (if label 34 shows ‚G', (positive) interest accrued has to be added to the market value, if it shows ‚H', (negative) interest accrued has to be subtracted from the market value)	10n,2n

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
O	71C:	Fees and charges	6* /8a/3a7n,2n/[1a] [/[2x][/2x]]
		– constant **/BROK/**	/8a/
		– currency code (settlement currency)	3a
		– amount of brokerage fees (negative, if subtracted from settlement amount, positive, if added to settlement amount)	7n,2n
		– prefix brokerage fees: **'N'**, if negative, otherwise blank	/[1a]
		– key for brokerage fees	[/[2x]
		– additional information on brokerage fees **'AC'** – different brokerage fee **'FC'** – free of brokerage fees **'HC'** – half the brokerage fees **'FR'** – free of bill **'PC'** – percentage brokerage fee (in case of trades mediated by brokers)	[/2x]]
		*(for detailed description, see page **25-27**)*	
	and/or		
		– constant **/FEES/**	/8a/
		– currency code (settlement currency)	3a
		– amount of charges (negative, if subtracted from settlement amount, positive, if added to settlement amount)	7n,2n
		– prefix amount of charges: **'N',** if negative, otherwise blank	/[1a]
	and/or		
		– constant **/MISC/**	/8a/
		– currency code (settlement currency)	3a
		– reinvestment amount	7n,2n
		– prefix reinvestment discount: **'N',** if negative, otherwise blank	/[1a]
		– indicator for reinvestment discount **'WA'**	[/[2x]
	and/or		
		– constant **/MISC/**	/8a/
		– currency code (settlement currency)	3a
		– bonus amount	7n,2n
		– prefix bonus amount: **'N',** if negative, otherwise blank	/[1a]
		– indicator for bonus **'BO'**	[/[2x]
		– bonus key **'01'** - % on market value **'02'** - EO per unit **'03'** - % on face value	[/2x]]

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
O	71C:	Fees and charges	6* /8a/3a7n,2n/[1a] [/[2x][/2x]]
	and/or		
		– constant **/MISC/**	/8a/
		– currency code (settlement currency)	3a
		– bonus differential amount (negative: intermediary transfers the money, positive: intermediary charges the money)	7n,2n
		– prefix bonus difference: **'N',** if negative, otherwise blank	/[1a]
		– indicator for bonus difference **'BD'**	[/[2x]
	and/or		
		– constant **/COMM/**	/8a/
		– currency code (settlement currency)	3a
		– commission amount (negative, if subtracted from settlement amount, positive, if added to settlement amount)	7n,2n
		– prefix commission amount: **'N',** if negative, otherwise blank	/[1a]
		– indicator commission entry (in case of manual entry) **'PD'** – entry of commission amount **'PM'** – entry basis points	[/[2x]
O	71B:	Settlement information finance notes	8n/2n,7n3n/10n,2n
		1st row	8n/2n,7n
		– last redemption date (last maturity)	8n
		– discount rate	/2n,7n
		2nd row	3n/10n,2n
		– discount days	3n
		– discount amount	/10n,2n
		*(for detailed description, see page **26**)*	
O	36:	– exchange rate (indirect quotation related to one Euro)	7n,11n
M	34B:	Settlement details	3a12n,2n
		– currency code (settlement currency)	3a
		– settlement amount	12n,2n

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
O	**57B**	**Information after CCP transaction**	**1a[/4n]**
		– Indicator CCP trade **'J'** –CCP trade exists	1a
		– CBF no. of clearing member	[/4n]
		*(for a detailed description, see page **31**)*	
M	72:	Information sender to recipient	
		1st row	4n[4n6n7n6n]
		– originator	4n
		– original intermediary (in case of forwarding/closing *Aufgaben*[1])	[4n
		– original trade no. (in case of forwarding/closing *Aufgaben*, reversals)	6n7n
		– original settlement day (yymmdd) (in case of forwarding/closing *Aufgaben*, reversals, contract notes)	6n]
		2nd row	4n[/6x][6n7n][N][/N][/2n,2n]
		– recipient of trade confirmation (in case of set-up ‚incl. Filiale = J', the Clearstream account no. of the branch appears)	4n
		– German SIN	[/6x]
		– Underlying trade number	[6n7n]
		– prefix mid-way profit: 'N', if negative, otherwise blank (see 5th row)	[N]
		– prefix acc. dividend equivalent earnings: '/N', if negative, otherwise blank (see 6th row)	[/N]
		– selling markup	[/2n,2n]
		3rd row	6n4n[9n6x]
		– trade date (JJMMTT)	6n
		– trade time (HHMM)	4n
		– Xetra:Trade-Code-Suffix	[9n
		– Identification (trader ID) from Xetra or XONTRO TRADE (please note: the trader ID can only be seen at the originator's)	6x]
		(for a detailed description, see pages **27 - 29**)	

[1] An *Aufgabe* is an intermediary's confirmation notice that he/she will act as temporary counterparty to a specific trade until he/she finds a buyer or seller (usually within 48 hours)

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

MT	512	CONTRACT NOTE/TRADE CONFIRMATION	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
M	72	Information sender to recipient 4th row – text field In case of XONTRO TRADE trades: Position 1-35: variable text after 'TX'-entry	[35x]
or			
		In case of XONTRO ORDER - trades: Position 1-5: From position 6 on: variable text from orders	
or			
		In case of Xetra trades: Position 1-6: From Position 7: variable text from Xetra (max. 12-digit) and if necessary the 5-digit Executor ID (seperated by '/')	
or			
		In case of INVESTRO trades Position 1-9: text **'INVESTRO/'** From position 10 on: variable text from orders	
or			
		In case of ETS trades: Position 1-7: text **'NASDAQ/'** From position 8: variable text (max. 12 digits)	
		5th row	[2n,3n[/[3n,7n][/7n,8n]]]
		– bonus rate	[2n,3n
		– reinvestment discount	[/[3n,7n]
		– mid-way profit **(if negative, see row 2)**	[/7n,8n]]]
		*(for detailed description, see page **30**)*	
		6th row	[7n,8n[/9n,8n]]
		– initial offering price	[7n,8n
		– accumulated dividend equivalent earnings ***(if negative, see 2nd row)***	[/9n,8n]]
		*(for a detailed description, see page **30**)*	

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Rules:

Label 20 Trade number:

Trade numbers are allocated serially per trading day for each exchange trading place. Hamburg and Bremen dispose of a common pool of trade numbers. Therefore, for trades at the Hamburg and Bremen stock exchanges, the field exchange trading place (**Feld Börsenplatz)** is filled with the value for Hamburg (140).

INVESTRO	183

Label 21 Order reference:

If the trade is based on one order only and the executed order nominal is fully included in the trade, DWZ, Xetra , ETS or bank internal order numbers are entered in the order number field, depending on the parameters set in the processing control. If the bank internal order number is defined as an optional field and if it has not been entered, the DWZ, Xetra or ETS order number is added.

If the trade is not based on an order, the field is automatically filled with the constant **'/NONREF'**. The same method is applied in case banks specify via parameters not to have order numbers delivered.

If the nominal amount of a trade consists of several orders, or the order nominal value is only partially included in the trade, and referencing for order numbers was selected, the value **'MT599'** is assigned to the field. MT599 contains the data of all accompanying orders. It contains up to 34 order numbers per trade number, including the respective nominals. If necessary, further MT599s are produced.

No MT599s are generated for Xetra trades, since trades are based on orders and the order nominal may be a partial nominal value. The remaining order nominal value may constitute another trade. Such trades will have identical order numbers.

In case of **order contract notes**, the field is likewise allocated with the order number plus the constant **'XET'**.

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Label 23 Trade type:

Field: Record type

Possible values:

011 Buy – contract note
012 Buy – direct trade
013 Buy – *Aufgabe*
014 Buy – closing of an *Aufgabe*
015 Buy – forwarding of an *Aufgabe*
016 Buy – reversal trade
017 Buy – INVESTRO
018 Buy – Order contract note (only within order contract note-DT)

021 Sell – contract note
022 Sell – direct trade
023 Sell – *Aufgabe*
024 Sell – closing of an *Aufgabe*
025 Sell – forwarding of an *Aufgabe*
026 Sell – reversal trade
027 Sell – INVESTRO
028 Sell – Order contract note (only within order contract note-DT)

112 Buy – Xetra
122 Sell – Xetra

212 Buy – Xetra OTC
222 Sell – Xetra OTC

312 Buy – Xetra Best
322 Sell – Xetra Best

417 Buy – entry confirmation
427 Sell – entry confirmation

511 Cancellation/ buy – contract note
512 Cancellation/ buy – direct trade
513 Cancellation/ buy – *Aufgabe*
514 Cancellation/ buy – closing of an *Aufgabe*
515 Cancellation/ buy – forwarding of an *Aufgabe*
517 Cancellation/ buy – INVESTRO

521 Cancellation/ sell – contract note
522 Cancellation/ sell – direct trade
523 Cancellation/ sell – *Aufgabe*
524 Cancellation/ sell – closing of an *Aufgabe*
525 Cancellation/ sell – forwarding of an *Aufgabe*
527 Cancellation/ sell – INVESTRO

611 Same–day cancellation/ buy – contract note
612 Same–day cancellation/ buy – direct trade

613 Same–day cancellation/ buy – *Aufgabe*
614 Same–day cancellation/ buy – closing of an *Aufgabe*
615 Same–day cancellation/ buy – forwarding of an *Aufgabe*
617 Same–day cancellation/ buy – INVESTRO

621 Same–day cancellation /sell – contract note
622 Same–day cancellation /sell– direct trade
623 Same–day cancellation /sell– *Aufgabe*
624 Same–day cancellation /sell– closing of an *Aufgabe*
625 Same–day cancellation /sell– forwarding of an *Aufgabe*
627 Same–day cancellation /sell– INVESTRO

817 Same–day cancellation /buy – entry confirmation
818 Buy – Take up (only in Xetra trade contract notes-DT)
819 Buy – Give up (only in Xetra trade contract notes-DT)
827 Same–day cancellation /sell – entry confirmation
828 Sell – Take up (only in Xetra trade contract notes-DT)
829 Sell – Give up (only in Xetra trade contract notes-DT)

913 Deletion/buy – *Aufgabe*
915 Deletion/buy – forwarding of an *Aufgabe*
923 Deletion /sell – *Aufgabe*
925 Deletion / sell – forwarding of an *Aufgabe*

Field: Record type

Cancellation:

The data record corresponds to the original transaction. Therefore, prefixes for the original transaction and it's cancellation are identical.

Reversal trade:

This trade type is reversed with reference to the original trade. A new trade number is generated. The trade date field (field 31P) contains the date of the original trade. The transaction number of the original trade is delivered in field 72 (original trade number).
Please note: the ‚indicator own - account trade ' is delivered the same way as in the original trade.

Same–day cancellations:

These messages contain the same information as the cancellation messages. The message of the original transaction is contained in the same data carrier (not mandatory in case of several data carriers per exchange trading day).

Deletions of *Aufgaben*:

Aufgaben are technically deleted. As a result, the *Aufgaben* are removed from the intermediary's *Aufgaben* pool. Accrued brokerage fees will not be reversed. *Aufgaben* can be deleted after the end of the cancellation period. The field trade date (31P) contains the original trade date of the *Aufgaben.* The field transaction number (20) contains the original transaction number of the *Aufgaben* .

Label 23 Trade type:

Field: Indicator 'IW-trade':

Indicator which may be used for the indication in data record MT 510 (for detailed description, see TRICE – User Manual for File Transfer – trade type 04).

Field: Indicator exchange - related:

With the launch of CCP, orders/trades will be marked as exchange trades (BS) or OTC – trades (AB).

Regarding XONTRO trade contract notes, the field contains the following information:
- for trades in XONTRO-Order and XONTRO-Trade: always ‚AB' or ‚BS'
- for INVESTRO-trades: generally ‚AB'
- for Xetra – trades: always ‚AB' or ‚BS'

Field: Indicator own- account trading:

- in XONTRO trade contract notes

The 'indicator own-account trading' of the recipient of the trade confirmation is shown (label 72, 2nd row). Exceptions are contract notes for intermediary's own-account trading. In such cases, the originator's 'indicator own-account trading' will be shown instead of the ' indicator own-account trading' of the recipient of the trade confirmation.
In case of interbank trades, the indicator field will remain blank.

Possible values:
EE – intermediary's own-account trading
P1 – bank's own-account trading
A1 – bank's customer business

- in Xetra trade and settlement contract notes

Possible values:
A1 – agent
P1 – proprietary
M1 – Designated Sponsor
L1 – Liquidity Provider
I1 – issuer
Q1 – Liquidity Manager
E1 – Best Executor

Label 23 Trade type:

Field: Indicator netting type:

After CCP trades, the field ‘indicator netting type‘ will be filled with the first step of the CCP introduction.

- in XONTRO trade contract notes

Field will not be used (blank field)

- in Xetra trade contract notes

Possible values:

Blank field	– no netting
O	– order level netting

- in Xetra order contract notes

Possible values:

O	– order level netting

Label 31P: Concluding details

Field: Trade date:

The field contains the transaction's trade date.

Field: Exchange trading place:

Name of the stock exchange at which the transaction was concluded (place of conclusion of the transaction for reporting purposes).

Possible values:

100 – Berlin
110 – Bremen
120 – Dusseldorf
124 – Quotrix
130 – Frankfurt
140 – Hamburg
150 – Hanover
160 – Munich
170 – Stuttgart
183 – INVESTRO
194 – Xetra

194 – CCP-order contract note (for information only)

Field: Future value indicator:

If one of the additional details **'FO'**, **'FV'** or **'FZ'** was entered manually, or in case the system automatically generates the international fixed value **'FI'**, this field contains the corresponding additional details.

Label 30: the future value date field contains the corresponding date.

Field: Indicator manual entry interest days, discount days:

If interest days were entered manually via the additional information **'ZT'**, or discount days were entered manually via the additional information **'DT'**, the system will generate the indicator **'M'**.
The amount of interest days can be seen in label 34G/H:.
The amount of discount days can be seen in label 71B, 2nd row.

Label 30: Further concluding details

Field: Future value indicator:

In case of manual entry of additional information **'FO'**, **'FV'** or **'FZ'** (see field 31P - fixed value indicator) or in case or in case the system automatically generates the international future value **'FI'**, this field contains the corresponding future value date.
If no values were entered manually and the system did not generate any additional

information, either, the field contains the value **'000000'**.

Field: Time of entry

The field contains time of trade entry in “hhmm” format.

Field: Exchange trading place of reporting system

So far, the value in “originator’s exchange trading place” in field 31P has always been the exchange trading place where the trade was concluded pursuant to § 9 WPHG[2].

In the future, it may be the case that intermediaries operate at specific exchange trading places by using electronic stock exchange systems. In such a case, the electronic stock exchange has to be reported in this new field.

The same keys as for the field “originator’s exchange trading place” and “exchange trading place of trade number” (field 20) can be used.

New is key 124 for Quotrix.

Since this new field is always automatically filled by XONTRO Trade, it can be used for reporting pursuant to § 9 WPHG.

Field: Indicator “different trade date”

This field must be filled whenever the trade date in field 72, 3rd differs from the trading day in field 31P. The key is “AA”.

Field: Indicator after -hours trading

This field is a provisional field which will come into effect as soon as after-hours trading will be introduced. Currently, it is not being used.

[2] WPHG (*Wertpapierhandelsgesetz*) = German Securities Trading Law

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Label 35A: Type and number of units/nominal value of security

The sub-field 'type of security' generally contains one of the following code words:

SHS	=	shares
BON	=	fixed-income securities (unit quotation)
FMT	=	fixed-income securities (percentage quotation)
OPS	=	warrants
RTS	=	rights
UNT	=	investments
RTE	=	profit-sharing rights
WTS	=	subscription rights
MSC	=	other
XXX	=	dummy value

Label 35B: Security information

1st row – Security ID no. (ISIN)

If the security master data does not contain an ISIN-WKN, the system automatically generates the dummy value 'XX0000000000'.

3rd row

Field: Type of custody

Possible values:

000	no field entry
001	GS, scrip account until instruments are issued
002	GS, scrip account, book-entry based after deposit of global certificate(s)
003	GS, one global certificate for the entire term to maturity
005	GS, temporary global certificate until units are issued
006	GS, debt book current account, individual book entry securities possible
007	GS, debt book current account, individual book entry securities not possible
008	GS, co-ownership share in global bearer cert. of CBF
009	Collective custody safekeeping
010	GS, NGS
011	GS, book entry physical certs. may only be deposited at or delivered from a foreign depository
012	GS, techn. global cert. (not eligible for collective safe custody, individual certs. may be in circulation).
013	GS, central depository, direct depository
014	GS, master certificate (BIS-ZU) for entire maturity
015	GS, temporary master cert. (BIS-ZU) until instruments are issued
016	GS, technical global certificate (BIS-ZU)
019	GS, co-ownership
020	individual safekeeping of securities
021	individual safekeeping if and when issued
022	individual safekeeping, so-called “in-house collective custody”
023	individual safekeeping debt book entry, no collective save custody
024	STR, posting to custody account only (no physical certs., no global certs.)
040	safekeeping of certs. abroad (physically deliverable)
041	securities in CBF international custody system (physically deliverable)

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

042 CBF international custody system, Cedel has exchanged global certificate (physically deliverable)
043 CBF international custody system , Cedel in temporary global certs.
044 securities in CBF international custody system (not physically deliverable)
045 CBF international custody system, Cedel in perm. global certs. (instruments not physically deliverable)
046 CBF international custody system in temporary global certs.
047 CBF international custody system in permanent global certs.
048 CBF international custody system, global certs. have been swapped
049 safekeeping of securities abroad (instruments not physically deliverable)
088 Individual safekeeping, other (indices, derivatives, etc.)
091 Individual safekeeping, “in-house collective custody” for temporary SIN
092 Individual safekeeping of securities with temporary SIN
093 safekeeping of securities abroad with temporary SIN
096 GS, CBF-registered, GS-IGL for securities with temporary SIN
097 GS, CBF-registered GS for temporary SIN
098 GS, CBF-registered GS-SVG for temporary SIN
099 AKV-Internal ISIN for temporary SIN

Label 35B: Securities details

3rd row

Field: Coupon date

Possible values:

dd.01.G	dd. January one-year
dd.02.G	dd. February one-year
dd.03.G	dd. March one-year
dd.04.G	dd. April one-year
dd.05.G	dd. May one-year
dd.06.G	dd. June one-year
dd.07.G	dd. July one-year
dd.08.G	dd. August one-year
dd.09.G	dd. September one-year
dd.10.G	dd. October one-year
dd.11.G	dd. November one-year
dd.12.G	dd. December one-year
dd.J/J	dd. January/July six-month
dd.F/A	dd. February/August six-month
dd.M/S	dd. March/September six-month
dd.A/O	dd. April/October six-month
dd.M/N	dd. May/November six-month
dd.J/D	dd. June/December six-month
31M01O	March 31/October 1 six-month
dd.01.4M	dd. January/May/September four-month
dd.02.4M	dd. February/June/October four-month
dd.03.4M	dd. March/July/November four-month
dd.04.4M	dd. April/August/December four-month
dd.01.VJ	dd. January/April/July/October quarter
dd.02.VJ	dd. February/May/August/November quarter
dd.03.VJ	dd. March/June/September/December quarter
dd.01.2M	dd. From January on two-month
dd.02.2M	dd. From February on two-month
dd.01.1M	dd. One month
dd.01.9M	dd. January/October nine-month
dd.02.9M	dd. February/November nine-month
dd.03.9M	dd. March/December nine-month
dd.04.9M	dd. April/January nine-month
dd.05.9M	dd. May/February nine-month
dd.06.9M	dd. June/March nine-month
dd.07.9M	dd. July/April nine-month
dd.08.9M	dd. August/May nine-month
dd.09.9M	dd. September/June nine-month
dd.10.9M	dd. October/July nine-month
dd.11.9M	dd. November/August nine-month
dd.12.9M	dd. December/September nine-month
dd.01.5M	dd. January/June/November five-month
dd.02.5M	dd. February/July/December five-month
dd.03.5M	dd. March/August/January five-month

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

dd.04.5M	dd. April/September/February five-month
dd.05.5M	dd. May/October/March five-month
dd.06.5M	dd. June/November/April five-month
dd.07.5M	dd. July/December/May five-month
dd.08.5M	dd. August/January/June five-month
dd.09.5M	dd. September/February/July five-month
dd.10.5M	dd. October/March/August five-month
dd.11.5M	dd. November/April/September five-month
dd.12.5M	dd. December/May/October five-month
dd.01.7M	dd. January/August seven-month
dd.02.7M	dd. February/September seven-month
dd.03.7M	dd. March/October seven-month
dd.04.7M	dd. April/November seven-month
dd.05.7M	dd. May/December seven-month
dd.06.7M	dd. June/January seven-month
dd.07.7M	dd. July/February seven-month
dd.08.7M	dd. August/March seven-month
dd.09.7M	dd. September/April seven-month
dd.10.7M	dd. October/May seven-month
dd.11.7M	dd. November/June seven-month
dd.12.7M	dd. December/July seven-month
dd.01.8M	dd. January/September eight-month
dd.02.8M	dd. February/October eight-month
dd.03.8M	dd. March/November eight-month
dd.04.8M	dd. April/December eight-month
dd.05.8M	dd. May/January eight-month
dd.06.8M	dd. June/February eight-month
dd.07.8M	dd. July/March eight-month
dd.08.8M	dd. August/April eight-month
dd.09.8M	dd. September/May eight-month
dd.10.8M	dd. October/June eight-month
dd.11.8M	dd. November/July eight-month
dd.12.8M	dd. December/August eight-month
dd.01.ZM	dd. January/November ten-month
dd.02.ZM	dd. February/December ten-month
dd.03.ZM	dd. March/January ten-month
dd.04.ZM	dd. April/February ten-month
dd.05.ZM	dd. May/March ten-month
dd.06.ZM	dd. June/April ten-month
dd.07.ZM	dd. July/May ten-month
dd.08.ZM	dd. August/June ten-month
dd.09.ZM	dd. September/July ten-month
dd.10.ZM	dd. October/August ten-month
dd.11.ZM	dd. November/September ten-month
dd.12.ZM	dd. December/October ten-month
dd.01.EM	dd. January/December eleven-month
dd.02.EM	dd. February/January eleven-month
dd.03.EM	dd. March/February eleven-month
dd.04.EM	dd. April/March eleven-month
dd.05.EM	dd. May/April eleven-month
dd.06.EM	dd. June/May eleven-month
dd.07.EM	dd. July/June eleven-month
dd.08.EM	dd. August/July eleven-month

dd.09.EM	dd. September/August eleven-month
dd.10.EM	dd. October/September eleven-month
dd.11.EM	dd. November/October eleven-month
dd.12.EM	dd. December/November eleven-month
dd.01.ZJ	dd. January two-year
dd.02.ZJ	dd. February two-year
dd.03.ZJ	dd. March two-year
dd.04.ZJ	dd. April two-year
dd.05.ZJ	dd. May two-year
dd.06.ZJ	dd. June two-year
dd.07.ZJ	dd. July two-year
dd.08.ZJ	dd. August two-year
dd.09.ZJ	dd. September two-year
dd.10.ZJ	dd. October two-year
dd.11.ZJ	dd. November two-year
dd.12.ZJ	dd. December two-year
FLAT/ZE	no coupon date; payment at the end of maturity
FLAT/KZ	no coupon date
ABZINS	discounting (ADCA savings bond only)

3rd row

Field: Pool factor/conversion factor

For securities with pool factor (i.e. ABS instruments), redemption of individual securities is expressed by means of a pool factor. The market value is determined as follows:

Market value = nominal value x price x pool factor

In the context of Young funding debentures a conversion factor must be considered for determining the market value. The market value is determined as follows:

Market value = nominal value x price x conversion factor x exchange rate (if available)

4th row

Field: Serial securities identification number

If sellers trade in serial securities identification numbers, such serial SINs are given in the first row of label 35B whereby the fourth row of this field remains blank. The ordinary shares securities identification number which goes with it is delivered in label 72/2nd row.
If sellers/buyers trade in ordinary shares SINs, the first of the serial SINs is contained in row 4. In field 72/2nd row, the ordinary shares SIN is given again.

Label 82D: Counterparty

Floor trades:

In case of floor trades, label 82D remains blank.

Xetra **/** Order contract notes

In case of Xetra **/** Order contract notes, label 82D always contains the counterparty's **Settlement Institution**, even if the **Settlement Institution** is involved in the trade as Xetra participant. This rule applies for both trade and order contract notes.

ETS trades

In case of ETS trades, label 82D always contains the counterparty's **Settlement Institution.**

Label 87F: Buyer/seller

Label 87F contains the trade's counterparty, specified by the following constants:

‚C' for buyer

‚D' for seller

Xetra / Order contract notes or ETS trades:
Label 87F contains the Xetra or ETS participants. The following rules apply (in case of Xetra, for trade and order contract notes alike):

1. Both participants are also Settlement Institutions:
Label 87F contains the respective counterparty's Xetra **/** Order contract note or ETS participant on both contract notes.

2. One participant is Settlement Institution:
Label 87F contains on both contract notes the Xetra **/** Order contract note or ETS participant who is not a **Settlement Institution**.

3. None of the two participants is Settlement Institution:
Label 87F contains on both contract notes the Xetra **/** Order contract note or ETS participant of one side and the participant of the other side.
=>Please note: in this case, label 87F appears twice.

No.	Transaction Xetra / Order contract notes	SNO-recipient	Transaction type of SNO	Field 82D KONT	Field 87F Buyer/Seller
1	7998 sells to 1998	7998 1998	Sell – Xetra/OTC/Best Buy - Xetra/OTC/Best	1998 7998	C/1998 (buyer) D/7998 (seller)
2	7998 sells to 7899 7899 settles via 1998	7998 1998	Sell - Xetra/OTC/Best Buy - Xetra/OTC/Best	1998 7998	C/7899 (seller) C/7899 (seller)
3	7899 sells to 1899 7899 settles via 7998 1899 settles via 1998	7998 1998	Sell - Xetra/OTC/Best Buy - Xetra/OTC/Best	1998 7998	C/1899 (buyer) D/7899 (seller) C/1899 (buyer) D/7899 (seller)

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Label 71C: Fees and charges

Field: Amount of brokerage fees

In case of trades mediated by brokers fees are not included in the settlement amount.

In case of interbank trades, possible negative brokerage fee amounts are subtracted from the settlement amount. If brokerage fee amounts are positive, they are added to the settlement amount.

Scale 1 for bonds:

Not applied any longer as of September 1, 1999.

Scale 2 for bonds:

For bonds issued by the German Federal Government (Bund), German Federal Railway (Bahn), German Federal Post Administration (Post), state governments (Länder), the Reconstruction Loan Corporation (KfW) and the German Equalization Bank (Dt. Ausgleichsbank), Staatsbank Berlin, Treuhandanstalt, ERP, German Unity Fund (Fonds "Deutsche Einheit"), Deutsche Reichsbahn and Currency Reform Compensation Board (Ausgleichsfonds Währungsumstellung), funding debentures.

For all non-Euro denominated issues, the nominal amount is converted to Euro.

0	=	up to	25,000	0.7500 ‰	of the face value; min. 0.75
1	=	above	25,000		
		up to	50,000	0.4000 ‰	of the face value; min. 18.75
2	=	above	50,000		
		up to	125,000	0.2800 ‰	of the face value; min. 20.00
3	=	above	125,000		
		up to	250,000	0.2600 ‰	of the face value; min. 35.00
4	=	above	250,000		
		up to	500,000	0.1600 ‰	of the face value; min. 65.00
A	=	above	500,000		
		up to	1,000.000	0.1000 ‰	of the face value; min. 80.00
B	=	above	1,000.000		
		up to	1,500.000	0.0750 ‰	of the face value; min. 100.00
C	=	above	1,500.000		
		up to	2,000.000	0.0625 ‰	of the face value; min. 112.50
D	=	above	2,000.000		
		up to	2,500.000	0.0600 ‰	of the face value; min. 125.00
E	=	above	2,500.000		
		up to	3,500.000	0.0500 ‰	of the face value; min. 150.00
F	=	above	3,500.000		
		up to	5,000.000	0.0400 ‰	of the face value; min. 175.00
G	=	above	5,000.000		

		up to	15,000.000	0.0300 ‰	of the face value; min. 200.00
H	=	above	15,000.000		
		up to	25,000.000	0.0250 ‰	of the face value; min. 450.00
I	=	above	25,000.000		
		up to	50,000.000	0.0200 ‰	of the face value; min. 625.00
J	=	above	50,000.000	0.0150 ‰	of the face value; min. 1,000.00

Scale 3 for bonds:

For cum-warrant bonds and convertible bonds; for issues denominated in Reichsmark; for participation certificates quoted in percentage; for zero bonds and Asset Backed Securities (ABS) on the basis of market value.

For all other issues which are not part of scale 2 for bonds; for index certificates based on the market value. For all non-Euro denominated issues, the nominal amount is converted to Euro.

0	=	up to	25,000	0.7500 ‰	of the face value; min. 0.75
1	=	above	25,000		
		up to	50,000	0.4000 ‰	of the face value; min. 18.75
2	=	above	50,000		
		up to	125,000	0.2800 ‰	of the face value; min. 20.00
3	=	above	125,000		
		up to	250,000	0.2600 ‰	of the face value; min. 35.00
4	=	above	250,000		
		up to	500,000	0.1600 ‰	of the face value; min. 65.00
5	=	above	500,000		
		up to	1,000.000	0.1200 ‰	of the face value; min. 80.00
6	=	above	1,000.000		
		up to	2,500.000	0.0800 ‰	of the face value; min. 120.00
7	=	above	2,500.000	0.0600 ‰	of the face value: min. 200.00

Scale for shares, subscription rights and warrants as well as participating certificates quoted in units:

For shares of the DAX-30

0.4 ‰ of the market value (min. 0.75 EUR)

and for all other shares,

0.8 ‰ of the market value (min. 0.75 EUR)

(Exception: stock exchange Berlin: 0.4 ‰, as of April 1, 2001)

charged on all exchange trading places.

Field: Key for brokerage fees

The numbers in the first column represent the key for brokerage fees from the respective brokerage fee scales.

Please note that contract notes, which were created upon allotment are not allocated a key for brokerage fees, since in these cases the original nominal may have been changed.

Field: Additional information on brokerage fees

The additional information on brokerage fees field ‚PC' can only be shown in case of trades mediated by brokers. It is currently changed to ‚AC' in the data carrier.

The introduction date for displaying the additional detail percentage brokerage ("PC") will be made known on a timely basis.

Label 71B: Settlement information finance notes

2nd row

Field: Discount days / discount amount

Discount days and discount amount are generally delivered without a prefix. In a case where either the fields „discount days" or "discount amount" are filled with the value zero, all fields are filled nevertheless.

Label 72: Information sender to recipient

1st row

Field: Originator

This field contains the 4-digit clearing account (KV)-number of the originating bank or the intermediary, respectively.

- for Xetra trades, the originator code is **'7501'**,
- for INVESTRO trades, the recipient's 4-digit clearing acc. (KV) no. is used
- for ETS trades, the originator code is **'3860'**,
- in the Order contract notes, the originator code **'8501'** is used.

Field: Original intermediary/ trade number/ trade date

The combination of the 'original intermediary', 'original trade number' and 'original trade date' fields is only possible in the context of closing or forwarding *Aufgaben*.

Reversal trades contain the fields 'original trade number' and 'original trade date'.

In addition, an 'original trade date' may be displayed in the context of closing same-day *Aufgaben* and the resulting contract notes.

Label 72: Information Sender to recipient

2nd row

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Field: Recipient of trade confirmation

This field contains the 4-digit clearing account (KV) - number of the bank receiving the trade confirmation. The recipient is the institute (branch or headquarters) involved in the transaction. The header generally contains the headquarters' S.W.I.F.T. address in all messages.
If during processing control the option ‚Incl. Filialen' (including branches) was selected, the branch number appears here that contains the data of the headquarters.

Field: - WKN
The format of the field will be changed according to the planned modification of WKNs from numeric to alphanumeric. Since the alphanumeric WKN is only a temporary solution in the process of changing over to the usage of ISINs, the character of the field will be changed from "mandatory" to "optional".
The field will be filled automatically from XONTRO Trade, if and as long as available.

Field: -Selling markup
This field is currently not in use. In the course of the next INVESTRO release, it will be decided if and how the field will be used.

3rd row

Field: (Differing) Trade date / trade time

This field serves reporting purposes pursuant to §9 WpHG (Securities Trading Act). It is currently always identical to the (maybe differing) trade date (label 31P).

As of 29/10/2001 this field can be filled with a "differing trade date", which is **n o t** an exchange trading day. Hereby transactions outside of exchange trading days should be covered. In such cases, the trade date differs from the trading day (label 31P).

Field: Xetra: trade code suffix

Due to the order level netting process, each partial execution in Xetra will in the future generate an update on the trade (the suffix will be counted up). No new trade numbers are allocated. For that reason, several Xetra trade contract notes will appear in the trade contract note data carrier under the same trade number (label 20) . In order to distinguish between the different Xetra trade contract notes, the ‚Xetra: Trade Code Suffix' will be contained in the Xetra trading and order contract notes with the introduction of the CCP. The text ‚Xetra / – trade number' in label 72, 3rd row will therefore be changed to ‚Xetra: trade code suffix' and the value mentioned above will be entered, instead of the Xetra-trade number.

Field: Identification indicator

XONTRO Trade direct trades
The last 6 digits of the originator's identification indicator are shown here.

Xetra – trades
In case of Xetra trades, the field contains the trader number consisting of the „User Group Code" and the „User Id Code". (E.g., User Group Code: 'TRD', User Id Code: '001'.)

4th row

Field: Text field

This field displays text from XONTRO Trade, XONTRO Order, Xetra, ETS or INVESTRO.

Specialty of Xetra trades
With the introduction of Xetra Release 7.0, the entered Executor ID will be integrated as an additional information in the text field of the Contract note data carrier. This will be carried out by attachment of the Executor ID (format 5x), separated by "/", to the assumed Xetra text field.

Xetra/text fieldxxxx/ABCFR

The Best Executor ID is made up of Best Executor Institute ID (format 3x) and the Best Executor Branch ID (format 2x).

Label 72: Information sender to recipient

Please note: the following fields are only needed by INVESTRO members.

5th row

Field: Bonus rate

The rate is the bonus rate as contained in the condition table INVESTRO:
- if the purchase does not lead to reinvestment, bonus rate 1 is entered,
- if the purchase does lead to reinvestment, bonus rate 2 is entered

Field: Reinvestment discount

The price is the reinvestment discount as contained in WSS.

A value will be allocated to the field whenever a reinvestment discount is contained in WSS.

Field: Mid-way profit

The value is the mid-way profit as contained in WSS.

A value will be allocated to the field whenever a mid-way profit is contained in WSS.

In case of a negative mid-way profit, the respective negative sign will be covered by label 72, 2nd row.

6th row

Field: Initial offering price

This price is the initial offering price as contained in WSS.

A value will be allocated to the field in case buy orders were marked for reinvestment price or redemption price.

Field: - accumulated, dividend equivalent earnings

This value reflects the accumulated, dividend equivalent earnings as contained in WSS.

A value will be allocated to the field in case accumulated, dividend equivalent earnings are contained in WSS.

In case of a negative accumulated, dividend equivalent erarnings, the respective negative sign will be covered by label 72, 2nd row.

This label will become relevant with the implementation of the CCP.

Label 57B: Information about a CCP transaction

Field: Indicator 'CCP transaction'
All Floor trades, Xetra trades and order contract notes (originating from Xetra trades subject to Order Level Netting) with the CCP as counterparty leading to a CCP transaction will be marked as such. These CCP transactions are included in the CCP Gross Delivery Management (GDL).

Field: 'Clearing Member'
In case of a CCP transaction (Floor and Xetra), this field contains information about the trading member's Settlement Institution and his CBF no. (=NCM according to CCP criteria). If there is no entry in the customer master data, this field will not be filled.

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Free form message (MT 599)

(Allocation of orders to contract notes)

Function: This message type is used for the transmission of orders and nominal values relating to a contract note, provided that in the context of processing control a referencing pursuant to the parameterisation has been selected.

This message type may only be used in connection with an MT51
(For further information see MT 512, field 21:)

MT	599	FREE FORM-MESSAGE	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
M	20:	Transaction number (TRN, sequential number)	6n7n
M	79:	1st row: trade number to which subsequent information (row 2- row 35) shall be applied (field 20 from MT512)	3n6n7n
		2nd row – 35th row:	
		sub field 01:	DWZ6n7n
		DWZ order no. from MT 596 with constant prefix 'DWZ'	16x
		or	
		bank internal order no. from MT 500/501	
		sub field 02:	
		type of security (as in field 35A)	/3a
		quantity or face value (nominal value)	10n, 3n

Rules If the 'internal bank order number“ indicator was selected in the context of processing control, and if no bank internal order numbers are available, the DWZ order number (without DWZ constant) will be entered in sub field 01.

S.W.I.F.T.- Message formats for contract notes, trade confirmations and CCP - trades from XONTRO Trade

Opening sentence and concluding sentence for contract notes data carriers in XONTRO Trade (MT598)

Function: This message type is used for opening and concluding sentences of contract note data carriers in XONTRO Trade.

MT	598	OPENING /CONCLUDING SENTENCE FOR CONTRACT NOTE DATA CARRIERS	
O/M	**LABEL**	**FIELD NAME**	**FORMAT**
M	20:	Transaction number (TRN) - yymmdd (exchange trading day) - Serial no.	6n7n 6n 7n
M	12:	Message type used for transmitting this message 000 – opening sentence 002 – concluding sentence	3n
M	77E:	Message pursuant to special agreement (see rules)	73x

Rules:

Field 20 (serial no.):
This field contains the internal DWZ transmission number per bank. It is a serial number counted up per bank and exchange trading day for all transmissions effected by XONTRO Trade. Internal DWZ transmission numbers in the opening and closing sentence are identical per batch.

Field 77E:

Opening sentence of a transmission (Field 12: 000)	10x6n6n6n[/1a]
Transmission identification 'BOEGA-SDT ' (floor trading data carrier) or 'BOEGA-SDTX' (separate Xetra data carrier) or 'BOEGA-SDTS' (separate order contract notes data carrier; will be generated with the launch of CCP.) or ‚BOEGA-SDTB' (separate ETS data carrier)	10x
Date of production (yymmdd)	6n
Time of production (hhmmss)	6n
Exchange trading day (yymmdd)	6n
indicator – last transmission of XONTRO TRADE-SDT of exchange trading date **'L'** – last transmission	[/1a]
Closing sentence of a transmission (field 12: 002)	10x6n/10n,3n/12n,2n
Transmission identification 'BOEGA-SDT '	10x
Number of records transmitted (incl. opening and closing sentence)	6n /10n,3n
Nominal amount (field 35A; sum of all MT512; overflow is neglected)	/12n,2n
Settlement amount (field 34B; sum of all MT512; overflow is neglected).	