CBF Release November 2010

Updated information for the CBF release of 22 November 2010

CBF Release November 2010

October 2010

Document number: F-CON28

Clearstream Banking AG, Frankfurt (CBF), is a company of the Deutsche Börse Group.

Preface

Clearstream Banking informed you on 10 August 2010 about the planned upgrades in the context of the November 2010 release with the preliminary information release F-CON27.

This updated information provides you with a comprehensive and detailed description of the new features which are being introduced on 22 November 2010 for the following service areas:

- Clearing and Settlement Services
- Connectivity Services
- Custody Services
- Global Securities Financing Services

We kindly ask that you to forward the document to all employees affected in your institution.

Contacts

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We would advise customers that telephone conversations with CBF are recorded in some areas, as is customary in the finance industry. This is to ensure that the interests of both CBF and its customers are protected against misunderstandings or faulty transmissions.

The areas in which telephone calls can be recorded include Customer Service, the Treasury Dealing Room and the Back Office. The telephone lines affected are subject to constant maintenance to ensure a flawless operation.

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Content

Annex

1 Clearing und Settlement

1.1 CASCADE

1.1.1 Total amount line added to KVDU Display

The KVDI display currently shows sum totals of the turnover according to nominal amounts and counter value.

The CASCADE online transaction under TRAN: KVDU will now be expanded as follows:
After the last page of the turnover, a line "Summen - totals" is inserted

As the total sums up all countervalues independent of the underlying currency, the result should only be considered for checking purposes.

Current KVDU display:

```
TRAN: KVDU FC: ID SB: 06.07.2010#####I#####L#4567#####

 UMSATZANZEIGE          DEPOTUMSAETZE INLAND                       Seite       18
                                                                   Anzahl     157
 Buchtag   : 06.07.2010                          Umsatzart: Last
 Bank      : 4567           Muster BANK



 Kz   Ktr AA   GS-Nr         ISIN     Nominale            Gegenwert Wrg  Set-Day

 _   1234 10  123456 DE0007100000        1.350             5.332,50 EUR 02.07.10
 _   1234 10  123456 DE0007100000        3.500            13.825,00 EUR 02.07.10
 _   1234 10  123456 DE0007100000        3.650            14.417,50 EUR 02.07.10
 _   1234 10  123456 DE0007100000        6.350            25.082,50 EUR 02.07.10





 -- ID-KZ: XXXX000XXX -- PW:          ------ B79074MW -- 08/07/10 -- 14:44:34 --
 KV0022F PF-Taste nicht zulässig
 PF2:Druck   PF3:Rücksprung   PF4:Abbruch   PF7:Zurück
```

Figure 1.1 Example of the current KVDU display

Future KVDU display:

```
TRAN: KVDU FC: ID SB: 06.07.2010#####I#####L#4567#####

 UMSATZANZEIGE          DEPOTUMSAETZE INLAND                    Seite      18
                                                                Anzahl     157
 Buchtag  : 06.07.2010                         Umsatzart: Last
 Bank     : 4567           Muster BANK



 Kz  Ktr AA   GS-Nr         ISIN     Nominale           Gegenwert Wrg  Set-Day

 _  1234 10  123456 DE0005140008        1.350            5.332,50 EUR 02.07.10
 _  1234 10  123456 DE0005140008        3.500           13.825,00 EUR 02.07.10
 _  1234 10  123456 DE0005140008        3.650           14.417,50 EUR 02.07.10
 _  1234 10  123456 DE0005140008        6.350           25.082,50 EUR 02.07.10



    SUMMEN:     157              710.000.000,000   123.456.789,00

 -- ID-KZ: XXXX000XXX -- PW:          ------ B79074MW -- 08/07/10 -- 14:48:52 --

 PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF7:Zurück
```

Figure 1.2 Example of the new total amount line

1.1.2 Changed validation of direct matching after return matching

If the status of an existing CASCADE instruction is set via return matching from 'matched' to "07 RÜCKNAHME MATCHING DURCH BEGÜNSTIGTEN" [RETURN MATCHING BY BENEFICIARY] or to status "08 RÜCKNAHME MATCHING DURCH AUFTRAGGEBER [RETURN MATCHING BY ORIGINATOR]" , the counter-order number field (GEGEN-AUFTNR) will be deleted and not available during further processing.

This means that in the event of the status "07 RÜCKNAHME MATCHING DURCH BEGÜNSTIGTEN" [RETURN MATCHING BY BENEFICIARY] the transfer of securities (WP-UEBERTRAG) No. #1 with related match instruction No. #2 returns to the status "matched" after return matching with each new transfer of securities (in this case No. #3). The same logic is applied for transactions with status "08 RÜCKNAHME MATCHING DURCH AUFTRAGGEBER" [RETURN MATCHING BY ORIGINATOR].

This ensures that existing counter-orders that are entered again, or that are still in the system, are always referenced for matching if their order number does not correspond to the original counter-order number (GEGEN-AUFTNR).

1.1.2.1 Example of status 07 return matching by beneficiary

Securities transfer with the order number 1 in status "Matched" with match instruction 2

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

 AUFTRAGSABWICKLUNG        WP-UEBERTRAG / INFORMATION             AUFTRAGSSTATUS

 AUFTNR   :     1

 LAST-KTO : 1234 000       LIEFERBANK AG
 GUT-KTO  : 5678 000       EMPFANGSBANK AG
 WKN      : I DE0007236101 SIEMENS AG NA

 NOMINALE :          200.000       EINHEIT    : ST       VWA       : GS  GS,
 GEGENWERT:       10.300.000,00    WRG        : EUR
 SET-DAY  : 09.08.2010             RTS-DVP    : N        TR        :
 DISPO-PRIORITAET: 4 MST           VERKETTUNG: N         EMISS-EINF: N


 MATCH-STATUS   : 02 AUFTRAG BESTAETIGT MIT GEGENAUFTRAG NUMMER 2
 SET-STATUS     :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

 DISPO-STATUS   :  1 STUECKE-DISPOSITION OFFEN

 -- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:21:22 --

 PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF8:Vor
```

Figure 1.3 Securities transfer 1 in status "Matched" with the match instruction 2 page 1

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

 AUFTRAGSABWICKLUNG        WP-UEBERTRAG / FOLGEINFORMATION        AUFTRAGSSTATUS

 AUFTNR:    1                WKN: I DE0007236101

 SCHLUSSTAG  : 05.08.2010          REFERENZ-NR           :
 EXT SET-DAY :                     KUPONINFO/RECORD-DATE:
 KURS / WRG  :                     AUFTRAGS-REFERENZ     :
 UEB-GRUND   : 601 KEINE ZUORDNUNG
 GEGEN-AUFTNR: 2
 BEGUENSTIGTE DEPOTBANK:
 ENDBEGUENSTIGTER       :
 NAME / ADRESSE:

 AUFTRAGGEB. DEPOTBANK :
 ORIG-AUFTRAGGEBER      :
 NAME / ADRESSE:

 BELEGSCHAFTS-SP: N      SP-DATUM :                  RUECKUEBERTRAG : N
 TEXT    :
 -- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:28:27 --

 PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF7:Zurück
```

Figure 1.4 Securities transfer 1 in status "Matched" with the match instruction 2 page 2

Securities transfer after return matching by beneficiary (Field 'GEGEN-AUFTNR' [COUNTER ORDER NUMBER] is blank)

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

 AUFTRAGSABWICKLUNG        WP-UEBERTRAG / INFORMATION            AUFTRAGSSTATUS

 AUFTNR   :    1

 LAST-KTO : 1234 000       LIEFERBANK AG
 GUT-KTO  : 5678 000       EMPFANGSBANK AG
 WKN      : I DE0007236101 SIEMENS AG NA

 NOMINALE :          200.000       EINHEIT   : ST       VWA       : GS  GS,
 GEGENWERT:        10.300.000,00    WRG       : EUR
 SET-DAY  : 09.08.2010              RTS-DVP   : N       TR        :
 DISPO-PRIORITAET: 4 MST            VERKETTUNG: N       EMISS-EINF: N


 MATCH-STATUS   : 07 RUECKNAHME MATCHING DURCH BEGUENSTIGTEN
 SET-STATUS     :  1 AUFTRAG GESPERRT DURCH DEN AUFTRAGGEBER

 DISPO-STATUS   :  4 ABGELEHNT, GEGENSEITE FEHLT

 -- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:21:22 --

 PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF8:Vor
```

Figure 1.5 Securities transfer 1 in the status "Ruecknahme Matching durch Beguenstigten [Return Matching by Beneficiary]" page 1

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

AUFTRAGSABWICKLUNG        WP-UEBERTRAG / FOLGEINFORMATION        AUFTRAGSSTATUS

AUFTNR:    1                 WKN: I DE0007236101

SCHLUSSTAG  : 05.08.2010          REFERENZ-NR          :
EXT SET-DAY :                     KUPONINFO/RECORD-DATE:
KURS / WRG  :                     AUFTRAGS-REFERENZ    :
UEB-GRUND   : 601 KEINE ZUORDNUNG
GEGEN-AUFTNR:
BEGUENSTIGTE DEPOTBANK:
ENDBEGUENSTIGTER      :
NAME / ADRESSE:

AUFTRAGGEB. DEPOTBANK :
ORIG-AUFTRAGGEBER     :
NAME / ADRESSE:

BELEGSCHAFTS-SP: N      SP-DATUM :                  RUECKUEBERTRAG : N
TEXT   :
-- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:28:27 --

PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF7:Zurück
```

Figure 1.6 Securities transfer 1 in the status "Ruecknahme Matching durch Beguenstigten [Return Matching by Beneficiary]" page 2

Match instruction 3 in the status "Matched" with securities order 1 (Field ‘GEGEN-AUFTNR’ COUNTER ORDER is blank)

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

AUFTRAGSABWICKLUNG        WP-UEBERTRAG / INFORMATION             AUFTRAGSSTATUS

AUFTNR   :     1

LAST-KTO : 1234 000       LIEFERBANK AG
GUT-KTO  : 5678 000       EMPFANGSBANK AG
WKN      : I DE0007236101 SIEMENS AG NA

NOMINALE :           200.000       EINHEIT   : ST       VWA       : GS  GS,
GEGENWERT:        10.300.000,00    WRG       : EUR
SET-DAY  : 09.08.2010              RTS-DVP   : N        TR        :
DISPO-PRIORITAET: 4 MST            VERKETTUNG: N        EMISS-EINF: N


MATCH-STATUS   : 02 AUFTRAG BESTAETIGT MIT GEGENAUFTRAG NUMMER 3
SET-STATUS     :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

DISPO-STATUS   :  1 STUECKE-DISPOSITION OFFEN

-- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:21:22 --

PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF8:Vor
```

Figure 1.7 Securities transfer 1 in status "Matched" page 1

```
TRAN: KVAI FC: AA SB: 01##1234#I#DE0007236101#5678#11.08.2010#

AUFTRAGSABWICKLUNG        WP-UEBERTRAG / FOLGEINFORMATION        AUFTRAGSSTATUS

AUFTNR:    1               WKN: I DE0007236101

SCHLUSSTAG  : 04.08.2010          REFERENZ-NR          :
EXT SET-DAY :                     KUPONINFO/RECORD-DATE:
KURS / WRG  :                     AUFTRAGS-REFERENZ    :
UEB-GRUND   : 601 KEINE ZUORDNUNG
GEGEN-AUFTNR:
BEGUENSTIGTE DEPOTBANK:
ENDBEGUENSTIGTER      :
NAME / ADRESSE:

AUFTRAGGEB. DEPOTBANK :
ORIG-AUFTRAGGEBER     :
NAME / ADRESSE:

BELEGSCHAFTS-SP: N      SP-DATUM :                   RUECKUEBERTRAG : N
TEXT   :
-- ID-KZ: 7907000000 -- PW:          ------ B79074MX -- 10/08/10 -- 15:28:27 --

PF2:Druck  PF3:Rücksprung  PF4:Abbruch  PF7:Zurück
```

Figure 1.8 Securities transfer 1 in Status "Matched" status page 2

Repeated matching with order number deviating from the original field ´GEGEN-AUFTNR´ COUNTER ORDER NO

```
TRAN: KVAI FC: AA SB: 02###I##5678#11.08.2010#

AUFTRAGSABWICKLUNG        MATCH-INSTRUKTION / INFORMATION        AUFTRAGSSTATUS

AUFTNR   :    3

LAST-KTO : 1234 000       LIEFERBANK AG
GUT-KTO  : 5678 000       EMPFANGSBANK AG
WKN      : I DE0007236101 SIEMENS AG NA

NOMINALE :          200.000      EINHEIT: ST        VWA      : GS  GS
GEGENWERT:       10.300.000,00   WRG     : EUR      AUFTR-REF:
SET-DAY  : 09.08.2010   RTS-DVP: N       EMIS-EINF: N   GEGEN-AUFTNR:
BEGUENSTIGTE DEPOTBANK:
ENDBEGUENSTIGTER      :
AUFTRAGGEB. DEPOTBANK :
ORIG-AUFTRAGGEBER     :
KURS/WRG:                  SCHLUSSTAG: 05.08.2010 REFERENZ-NR: 727535/1
MATCH-STATUS    : 02 AUFTRAG BESTAETIGT MIT GEGENAUFTRAG NUMMER 1
SET-STATUS      :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

-- ID-KZ: 7907000000 -- PW:          ------ B79074MW -- 10/08/10 -- 14:19:55 --
KV0012S Auftrag wird zur STD-Verarbeitung Valuta 11.08.2010 herangezogen
```

Figure 1.9 Match instruction 3 in status "Matched" with securities order 1

1.1.2.2 Simplified example for status 08 return matching by originator

Match instruction with order number 4 in status "Matched" with securities transfer 5

```
TRAN: KVAI FC: AA SB: 02###I##5678#11.08.2010#

AUFTRAGSABWICKLUNG        MATCH-INSTRUKTION / INFORMATION        AUFTRAGSSTATUS

AUFTNR   :    4

LAST-KTO : 1234 000       LIEFERBANK AG
GUT-KTO  : 5678 000       EMPFANGSBANK AG
WKN      : I DE0007100000 DAIMLER AG O.N.

NOMINALE :               100      EINHEIT: ST        VWA      : GS  GS
GEGENWERT:               100,00   WRG     : EUR      AUFTR-REF:
SET-DAY  : 06.08.2010   RTS-DVP: N       EMIS-EINF: N   GEGEN-AUFTNR: 5
BEGUENSTIGTE DEPOTBANK:
ENDBEGUENSTIGTER      :
AUFTRAGGEB. DEPOTBANK :
ORIG-AUFTRAGGEBER     :
KURS/WRG:                  SCHLUSSTAG: 04.08.2010 REFERENZ-NR: 727535/1
MATCH-STATUS    : 02 AUFTRAG BESTAETIGT MIT GEGENAUFTRAG NUMMER 5
SET-STATUS      :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

-- ID-KZ: 7907000000 -- PW:          ------ B79074MW -- 10/08/10 -- 14:19:55 --
KV0012S Auftrag wird zur STD-Verarbeitung Valuta 11.08.2010 herangezogen
PF2:Druck  PF3:Rücksprung  PF4:Abbruch
```

Figure 1.10 Match instruction 4 in status "matched" with securities order 5

Match instruction following return matching by the originator (field 'GEGEN-AUFTNR' [COUNTER ORDER NUMBER] is blank)

```
TRAN: KVAI FC: AA SB: 02###I##5678#11.08.2010#

 AUFTRAGSABWICKLUNG        MATCH-INSTRUKTION / INFORMATION        AUFTRAGSSTATUS

 AUFTNR   :    4

 LAST-KTO : 1234 000       LIEFERBANK AG
 GUT-KTO  : 5678 000       EMPFANGSBANK AG
 WKN      : I DE0007100000 DAIMLER AG O.N.

 NOMINALE :               100     EINHEIT: ST        VWA      : GS  GS
 GEGENWERT:               100,00  WRG    : EUR       AUFTR-REF:
 SET-DAY  : 06.08.2010   RTS-DVP: N       EMIS-EINF: N   GEGEN-AUFTNR:
 BEGUENSTIGTE DEPOTBANK:
 ENDBEGUENSTIGTER       :
 AUFTRAGGEB. DEPOTBANK :
 ORIG-AUFTRAGGEBER      :
 KURS/WRG:                  SCHLUSSTAG: 04.08.2010 REFERENZ-NR:
 MATCH-STATUS    : 08 RUECKNAHME MATCHING DURCH AUFTRAGGEBER
 SET-STATUS      :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

 -- ID-KZ: 7907000000 -- PW:          ------ B79074MW -- 10/08/10 -- 13:38:22 --
 KV0012S Auftrag wird zur STD-Verarbeitung Valuta 11.08.2010 herangezogen
 PF2:Druck  PF3:Rücksprung  PF4:Abbruch
```

Figure 1.11   Match instruction 4 after return matching

Repeated matching with order number deviating from the original GEGEN -AUFTRAG NR (COUNTER ORDER NO):

```
 TRAN: KVAI FC: AA SB: 02###I##5678#11.08.2010#

 AUFTRAGSABWICKLUNG        MATCH-INSTRUKTION / INFORMATION        AUFTRAGSSTATUS

 AUFTNR   :    4

 LAST-KTO : 1234 000       LIEFERBANK AG
 GUT-KTO  : 5678 000       EMPFANGSBANK AG
 WKN      : I DE0007100000 DAIMLER AG O.N.

 NOMINALE :               100     EINHEIT: ST        VWA      : GS  GS
 GEGENWERT:               100,00  WRG    : EUR       AUFTR-REF:
 SET-DAY  : 06.08.2010   RTS-DVP: N       EMIS-EINF: N   GEGEN-AUFTNR:
 BEGUENSTIGTE DEPOTBANK:
 ENDBEGUENSTIGTER       :
 AUFTRAGGEB. DEPOTBANK :
 ORIG-AUFTRAGGEBER      :
 KURS/WRG:                  SCHLUSSTAG: 04.08.2010 REFERENZ-NR: 727535/1
 MATCH-STATUS    : 02 AUFTRAG BESTAETIGT MIT GEGENAUFTRAG NUMMER 6
 SET-STATUS      :  0 AUFTRAG ZUR DISPOSITION FREIGEGEBEN

 -- ID-KZ: 7907000000 -- PW:          ------ B79074MW -- 10/08/10 -- 14:19:55 --
 KV0012S Auftrag wird zur STD-Verarbeitung Valuta 11.08.2010 herangezogen
 PF2:Druck  PF3:Rücksprung  PF4:Abbruch
```

Figure 1.12   Match instruction 4 in status "Matched" with securities transfer 6

1.2 CASCADE-PC - New Version 7.3

The new CASCADE-PC Version 7.3 will be available on the CBF web site www.clearstream.com approximately two weeks before release .

1.2.1 Settlement of Global Bearer Certificate (GBC) transactions

The CASCADE-PC functions have been enhanced by the addition of GBC transactions 'Umtausch' (exchange) and 'Rücktausch' (re-exchange).

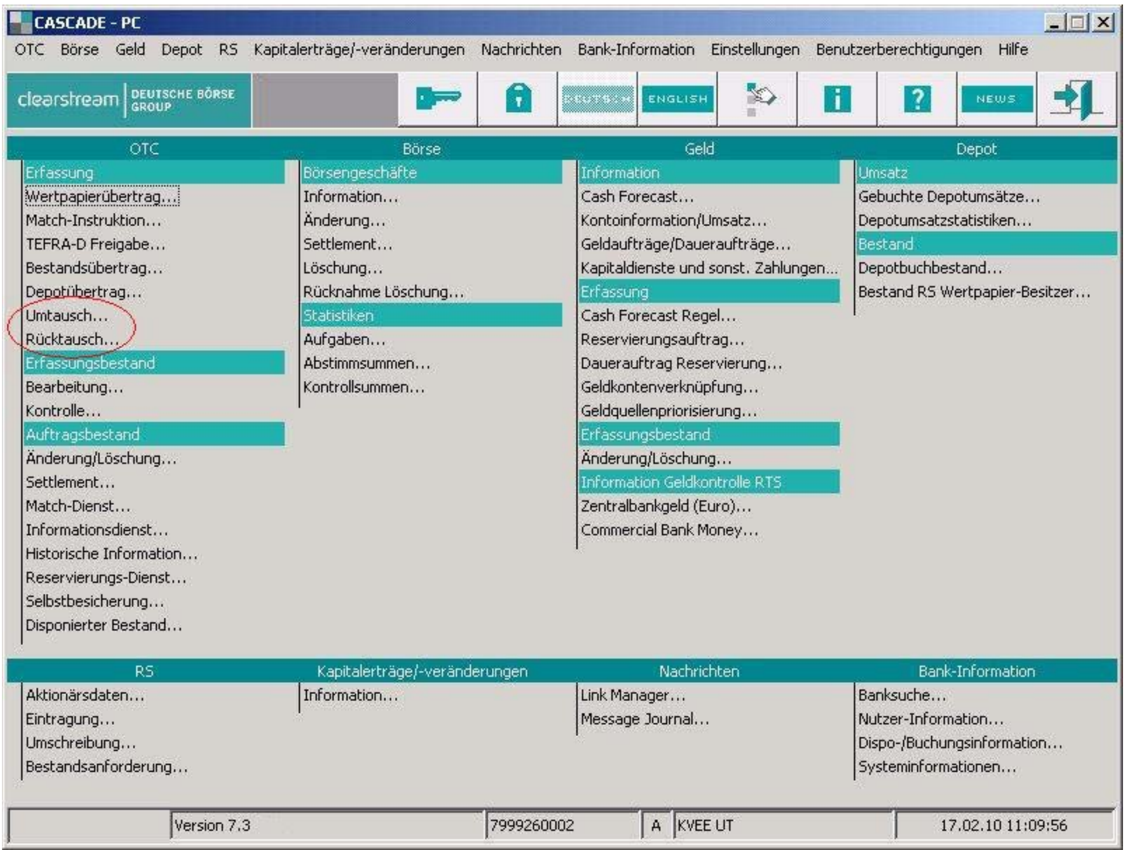

Figure 1.13 Example screen of the new main menu

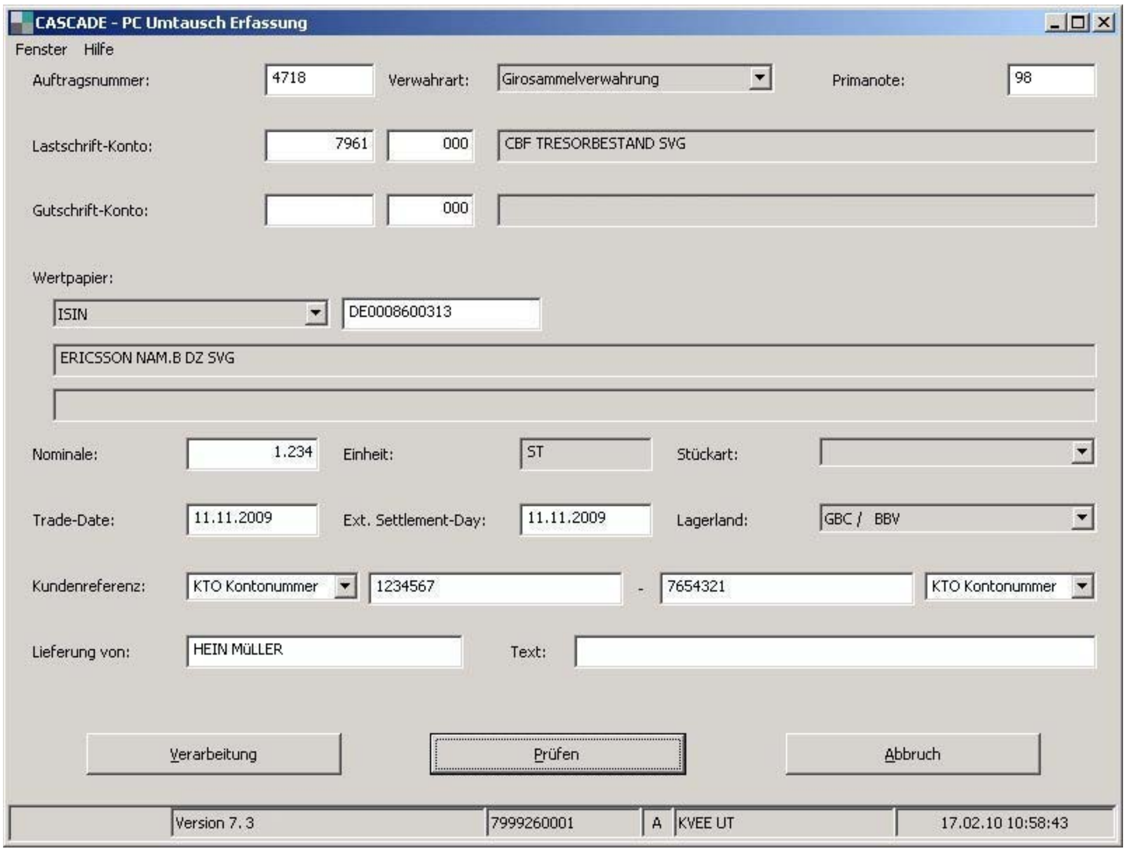

Figure 1.14 Screen for entering the GBC exchange

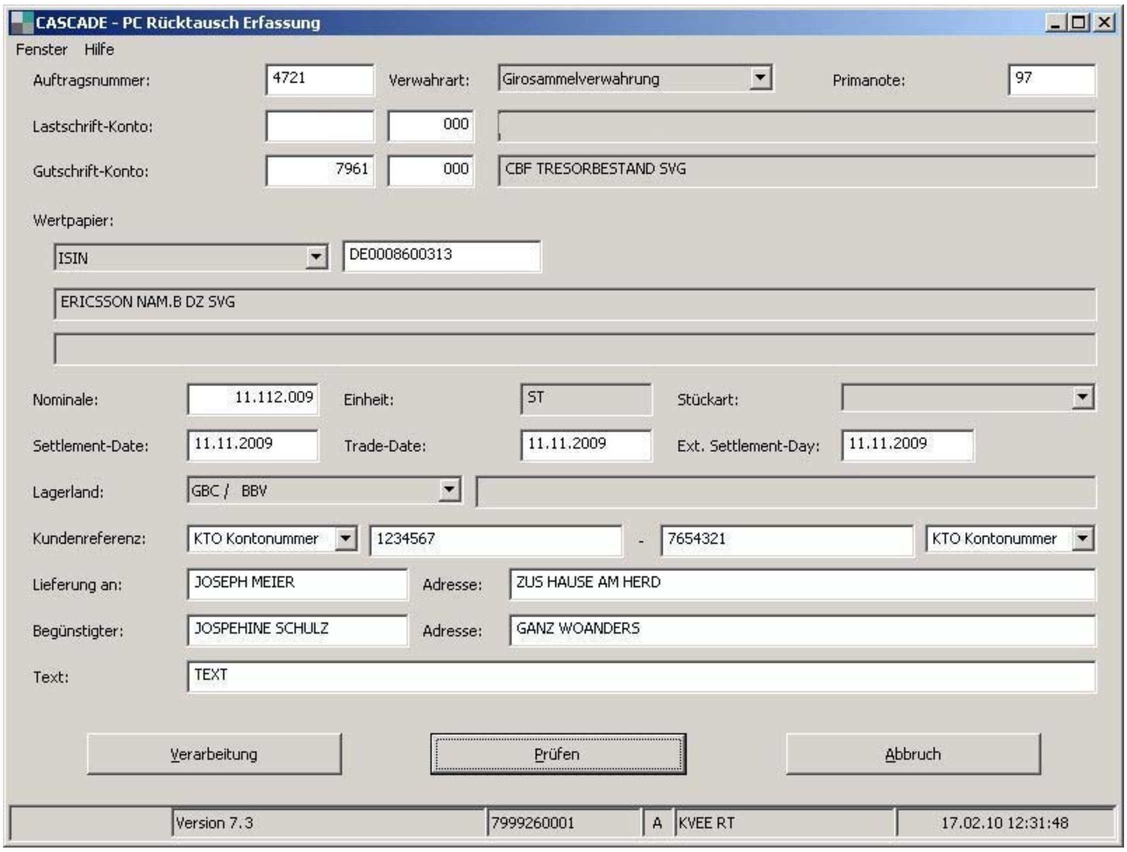

Figure 1.15 Screen for entering the GBC re-exchange

1.2.2 Other changes

The changes specified in Chapter Total amount line added to KVDU Display on page 1-1, and the changes specified in the detailed product information on Giovannini Barrier 3 (available on the Clearstream web site www.clearstream.com under Publications & Downloads / CASCADE Market Guide / Giovannini Barrier 3) will also be available on CASCADE-PC. Changes from the CBF May 2010 release concerning cash information in CASCADE-PC will also be made available.

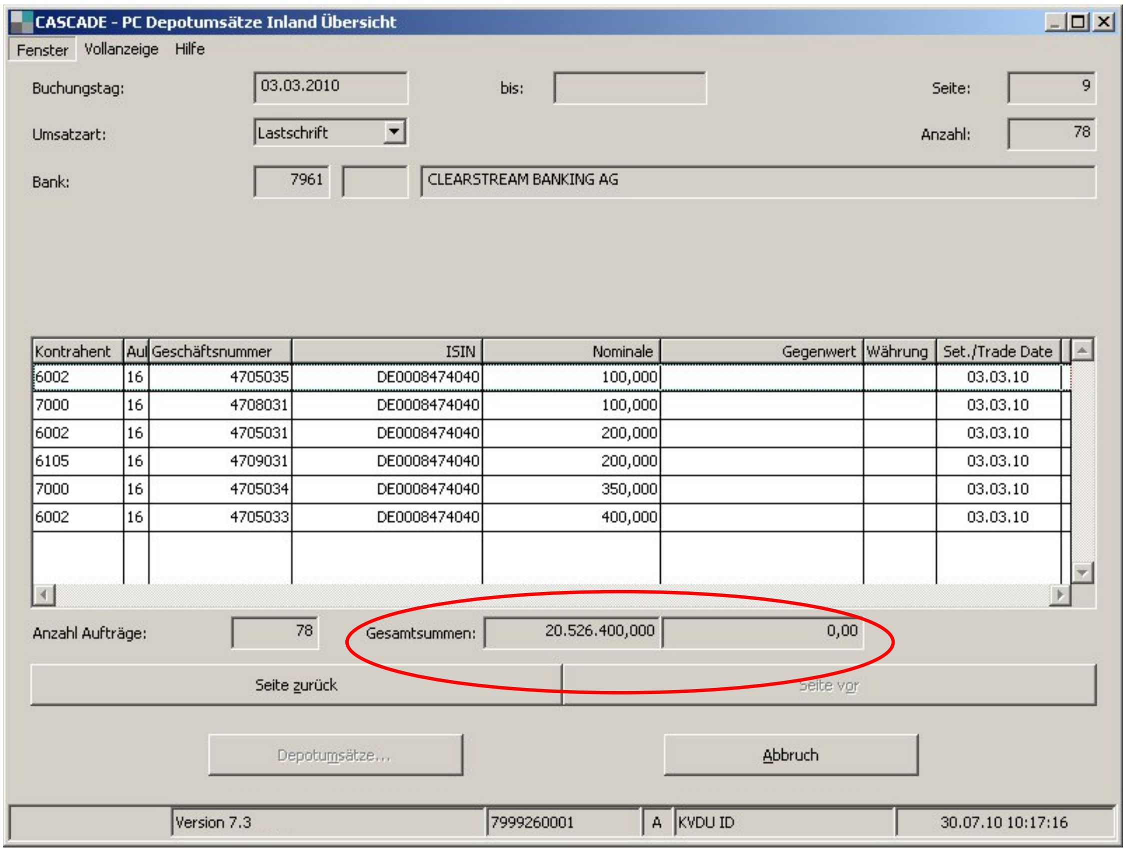

Figure 1.16 Screen with display of the total sums

Introduction of "Ex" flag for CASCADE transactions with the following values:

- Ja (instruction identified as "EX")
- Nein (instruction not identified as "EX")
- BLANK (default value = no entry)

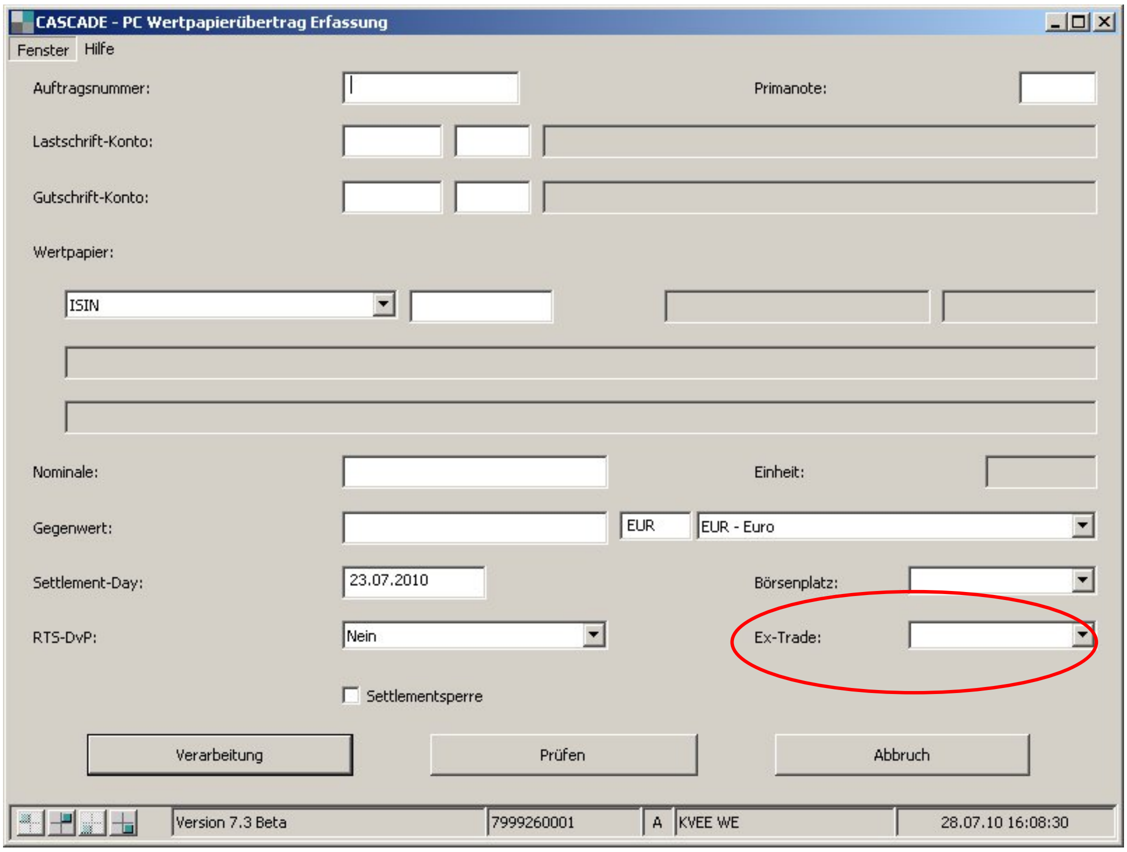

Figure 1.17 Example screen for entering the order type 01 (securities transfer) and the new field for the "Ex" flag

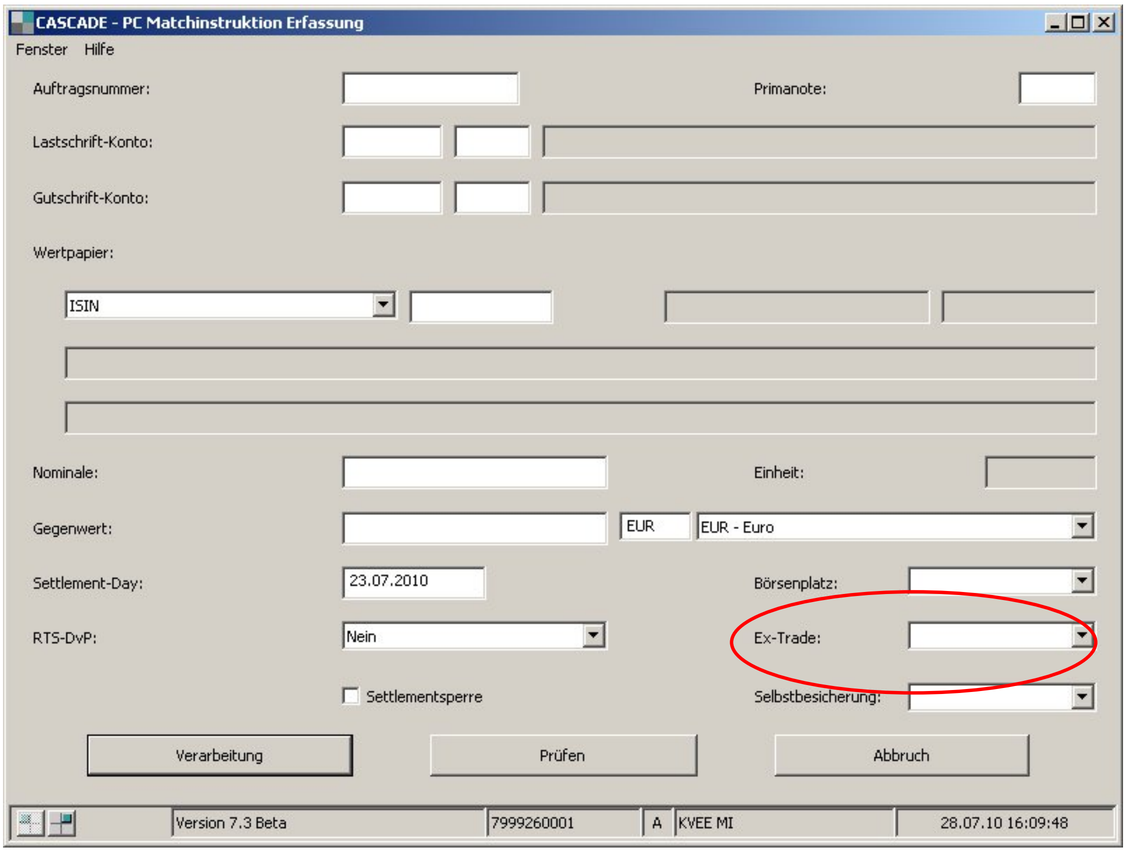

Figure 1.18   Example screen for entering the order type 02 (MI) and the new field for the "Ex" flag

Expansion of the cash information display under "Kapitaldienste und sonstige Zahlungen" (Corporate actions and other payments)

The individual balances and/or individual transactions for which cash settlement is done via TARGET2 according to the ASI procedure 3 within the DD1 and DD2 processes are accessed via this screen. The functionality was already made available in CASCADE-PC in the CBF May 2010 Release.

If a customer uses the netting function, that is - if the cash balances for multiple CBF accounts are settled via TARGET2 as one accumulated sum - the individual amounts for each CBF account are displayed separately.

In order to determine the actual amount credited or charged for all debit and credit balances, the selection criteria of the CASCADE-PC selection "Kapitaldienste und sonstige Zahlungen" have been enhanced as follows:

- Selection of debit and credit transactions respectively
- Selection via ISIN
- Instruction ID

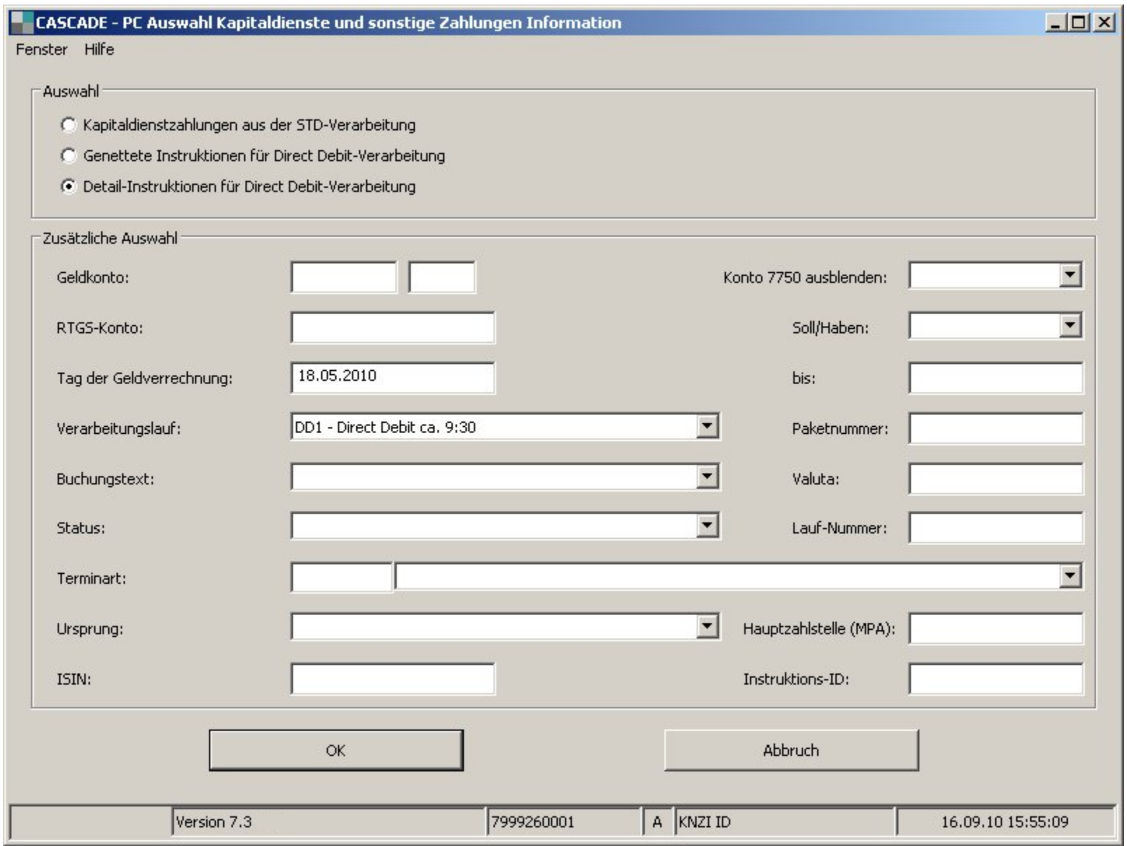

Figure 1.19 Example screen for information on "Kapitaldienste und sonstige Zahlungen"

2 Connectivity Services

2.1 SWIFT Release

SWIFT routinely checks currently valid standards for custody, cash, settlement and reconciliation messages. This check serves to assure the quality of the messages, validate the requirements of the market and increase the Straight-through Processing (STP) rate.

As a general rule, CBF uses the ISO 15022 standard. Consequently, any changes affect not only SWIFT users, but also the file transfer interface and access via IBM WebSphere MQ.

Details of the changes with respect to ISO format messages can be found in the updated Information SWIFT Release F-CON20 on the Clearstream web site www.clearstream.com under Publications & Downloads/ Connectivity/Announcements of 9 August 2010.

2.2 Additional transmission time for Income MT566 messages

CBF is introducing an additional transmission time (11:30 CET[1]) for Income MT566 Corporate Action Confirmations.

There is no action needed for those customers, who already use this service. The delivery will be handled automatically. The schedule for MT566 transmission times is as follows:

- After KADI STD 2 processing (22:00 current);
- At end of RT-STD (6:00, current);
- At end of SDS1 (10:30, current)
- 11:30 (**new – income payments only**);
- At end of SDS2 (13:30, current);
- 15:00 (current);
- After KADI STD-1 processing (18:30, current).

1. All times are in CET (Central European Time) unless otherwise mentioned.

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3 Custody Services

3.1 Alignment of Custody Services (according to Giovannini Barrier 3 Standards)

The introduction of Giovannini Barrier 3 Standards on 22 November 2010 includes the following essential new features:

- Record Date processing for foreign income payments and corporate events;
- Automatic compensation of free of payment (FoP) transactions;
- Introduction of a flag for over the counter (OTC) transactions in order to exclude automatic compensations .

Detailed product information has already been published at www.clearstream.com under Publications & Downloads/CASCADE Market Guide /Giovannini Barrier 3.

3.2 Improvement of reporting for cancellations/follow-ups after 280 business days

The reporting for collection, income payments and redemptions will in future be made available via all communication channels for cancellations and follow-ups of income events, that occur more than 280 business days after the entitlement date of an income event:

- Online KVGI display
- SWIFT reporting according to ISO15022 standard MT559 (collection letter for paying agents), MT564, MT566
- Custody Payments File
- KADI lists

This applies to all income event types.

3.3 MT566 expansion for mandatory events initiated by CBF in CASCADE

In the future, the existing service whereby the generation of a MT566 in addition to MT536 for mandatory events initiated in CASCADE by CBF will be expanded so that a MT566 will also be generated for instructions, which are based on a mandatory event. This includes, for example, securities transfers in the context of cross border claims or manual cancellation instructions.

The format of the MT566 for instructions initiated in CASCADE by CBF is based on the format of the existing non-income MT566 which is sent when a position is held. A MT566 with the REVR function and the sub sequence A1 is sent for a cancellation. The exact structure is as follows (differences to the existing non-income MT566 for instructions initiated in CASCADE by CBF on the basis of voluntary events are marked):

Status	Tag	Qualifier	Field-Name	Field description
Mandatory Sequence A General Information				
M	16R		Start of Block	GENL
M	20C	CORP	Corporate Action Reference	:CORP//Transaction reference No.
M	20C	SEME	Sender's Reference	:SEME//Technical reference of the sender
M	23G		Function of the Message	NEWM for CASCADE transaction AA 01 and **AA 99 "Additional entry"** **REVR for CASCADE transaction AA 99 "Cancellation"**
M	22F	CAEV	Corporate events indicator	:CAEV//Indicator
O	98A	PREP	Preparation Date	:PREP//Preparation date of the SWIFT message
Repetitive Optional Subsequence A1 Linkages (For messages with function REVR)				
M	**16R**		**Start of Block**	**LINK**
M	**20C**	**CORP**	**Corporate Action Reference**	**:CORP//Transaction reference No.**
M	**20C**	**PREV**	**Previous Reference**	**:PREV//NONREF**
M	**16S**		**End of Block**	**LINK**
End of subsequence A1 Linkages				
M	16S		End of Block	GENL
End of Sequence A General Information				
Mandatory Sequence B Underlying Securities				
M	16R		Start of Block	USECU
M	97A	SAFE	Safekeeping Account	:SAFE//CBF-Safekeeping account number of the customer (recipient) of transaction 'AA' = 01 or 99
O	35B		Identification of FI	1. Line: ISIN (Stamm-WKN) 2. Line: Security designation
M	16S		End of Block	USECU

Status	Tag	Qualifier	Field-Name	Field description
End of Sequence B Underlying Securities				
Optional Sequence C Corporate Action Details				
M	**16R**		**Start of Block**	**CADETL**
O	**98A**	**XDTE**	**Ex-Dividend or Distribution Date**	**:XDTE/Ex-Tag**
O	**98A**	**RDTE**	**Record Date**	**:RDTE//Record Date**
O	**70E**		**End of Block**	**CADETL**
End of Sequence C Corporate Action Details				
Mandatory Sequence D Corporate Action Confirmation				
M	16R		Start of Block	CACONF
O	13A	CAON	CA Option Number	:CAON//event type
M	22A	CAOP	CA Option Code	**:CAOP//SECU** **For transfer reason 501, 502 or 515 (mandatory corporate action):**
O	**92A**	**RATE**	**Applicable Rate**	**TA 220, 221, 222, 223:** **:RATE/:RATE/ redemption price**

In case of credit for customers:

Status	Tag	Qualifier	Field-Name	Field description
Repetitive Optional Subsequence D1 Securities Movement				
M	16R		Start of Block	SECMOVE
M	22H	CRDB	Credit/Debit Indicator	:CRDB//CRED
M	35B		Identification of the Financial Instrument	1st line: ISIN 2nd line: Securities designation ISIN of the securities transfer/the internal booking
M	36B	PSTA	Posting Quantity	:PSTA//UNIT/ Nominals of the securities transfer
O	**92D**	**ADEX**	**Additional for existing securities**	**TA 210, 211:** **:ADEX//Additional for existing securities ratio**

Status	Tag	Qualifier	Field-Name	Field description
O	**92D**	**NEWO**	**New to old**	**TA 213, 231, 232, 235:** **:NEWO//New shares for old ratio**
M	98A	POST	Posting Date	:POST//Booking day
M	16S		End of Block	SECMOVE
End of Subsequence D1 Security Movement				
M	16S		End of Block	CACONF
End of Subsequence D Corporate Action Confirmation				

In case of debit for customer

Status	Tag	Qualifier	Field-Name	Field description
Repetitive Optional Subsequence D1 Securities Movement				
M	16R		Start of Block	SECMOVE
M	22H	CRDB	Credit/Debit Indicator	:CRDB//DEBT
M	35B		Identification of the Financial Instrument	1st line: ISIN 2nd line: Securities designation ISIN of the securities transfer/the internal booking
M	36B	PSTA	Posting Quantity	:PSTA//UNIT/ Nominals of the securities transfer
O	**92D**	**ADEX**	**Additional for existing securities**	**TA 210, 211:** **:ADEX//Additional for existing securities ratio**
O	**92D**	**NEWO**	**New to old**	**TA 213, 231, 232, 235:** **:NEWO//New shares for old ratio**
M	98A	POST	Posting Date	:POST//Booking day
M	16S		End of Block	SECMOVE
End of Subsequence D1 Security Movement				
M	16S		End of Block	CACONF
End of Subsequence D Corporate Action Confirmation				

Status	Tag	Qualifier	Field-Name	Field description
Optional Sequence E Additional Information				
M	16R		Start of Block	ADDINFO

Status	Tag	Qualifier	Field-Name	Field description
O	70E	ADTX	Additional Text	:ADTX//Free text From the field "TEXT" (from the 7th position) from OTC transaction or internal booking
End of Sequence E Additional Information				

3.4 Expansion of digits for collective and up-to nominal amounts in the vault number ledger

For physical positions of global certificates held in safe custody in the vaults, the digits before and after the decimal points for up-to and collective nominal amounts have been adjusted in the CARAD vault number ledger.

Certificate form	OLD	NEW (starting from 22 Nov. 2010)
Global certificate		
Collective nominal amounts	**10** digits before the decimal point	**12** digits before the decimal point
	3 decimal places	3 decimal places
Up-to nominal amounts	12 digits before the decimal point	12 before the decimal point
	0 decimal places	**3 decimal places**
Permanent global certificate		
Collective nominals	10 digits before the decimal point	10 digits before the decimal point
	3 decimal places	3 decimal places

Permanent global certificates and individual certificates will not be affected by the change.

For CBF customers, the change is applicable in the following applications:

- In transaction KCSL "ANFORDERUNGEN LISTEN BATCH" (REQUIREMENTS LIST BATCH) for the function codes:
  - AG Current complete list
  - AE Current individual list
  - AK Current customer deposit list
  - EM Current holdings analysis of the lead manager

```
Clearstream Banking AG, Frankfurt                                            TT.MM.JHJJ
Postfach                                                              Seite:       ZZZ9
60485 Frankfurt am Main

   Arithmetisierte Stückeliste Gesamtbestand (Rahmenurkunden)

Tresor           : 9999 <Text                         >
Kundenreferenz   : X XXX - XXXXXXXXXXXXXXX XXX - XXXXXXXXXXXXXXX
WKN              : I XXXXXXXXXXXX9 <WKN-Bezeichnung                             >
                   W XXXXX9
Hinterlegungsart: 99  <HLG-TEXT              >
Abw. Gattungsbez: ZZ9 <Text Abweichende Bezeichnung                            >

Ord/Sammel-Nr    : ZZZZZ9 / ZZZZZ9          Nom-Sammel    : ZZZ.ZZZ.ZZZ.ZZ9,999
Status           : 999 <STATUS-TEXT       > Rahmen-Nom    : ZZZ.ZZZ.ZZZ.ZZ9,999
Bes-Stk          : ZZ9 <TEXT              > Nom-Disp      : ZZZ.ZZZ.ZZZ.ZZ9,999
Einlief-Grund    : ZZ9 <TEXT              > Nom-Offen     : ZZZ.ZZZ.ZZZ.ZZ9,999

     Anzahl      Stückelung     Stückenummern
ZZZ.ZZZ.ZZ9 ZZZ.ZZZ.ZZZ.ZZ9,999 <Stückenummern                              >
ZZZ.ZZZ.ZZ9 ZZZ.ZZZ.ZZZ.ZZ9,999 <Stückenummern                              >

Ord/Sammel-Nr    : ZZZZZ9 / ZZZZZ9          Nom-Sammel    : ZZZ.ZZZ.ZZZ.ZZ9,999
Status           : 999 <STATUS-TEXT       > Rahmen-Nom    : ZZZ.ZZZ.ZZZ.ZZ9,999
Bes-Stk          : ZZ9 <TEXT              > Nom-Disp      : ZZZ.ZZZ.ZZZ.ZZ9,999
Einlief-Grund    : ZZ9 <TEXT              > Nom-Offen     : ZZZ.ZZZ.ZZZ.ZZ9,999

     Anzahl     Stückelung     Stückenummern
ZZZ.ZZZ.ZZ9 ZZZ.ZZZ.ZZ9,999 <Stückenummern                                  >
ZZZ.ZZZ.ZZ9 ZZZ.ZZZ.ZZ9,999 <Stückenummern                                  >
ZZZ.ZZZ.ZZ9 ZZZ.ZZZ.ZZ9,999 <Stückenummern                                  >

Ord/Sammel-Nr    : ZZZZZ9 / ZZZZZ9          Nom-Sammel    : ZZZ.ZZZ.ZZZ.ZZ9,999
Status           : 999 <STATUS-TEXT       > Rahmen-Nom    : ZZZ.ZZZ.ZZZ.ZZ9,999
Bes-Stk          : ZZ9 <TEXT              > Nom-Disp      : ZZZ.ZZZ.ZZZ.ZZ9,999
Einlief-Grund    : ZZ9 <TEXT              > Nom-Offen     : ZZZ.ZZZ.ZZZ.ZZ9,999

Keine Stücke zur Urkunde hinterlegt

   *** Fortsetzung Seite ZZZ9 ****
```

Figure 3.1 Example of certificates list (Up-to nomninals)

Under transaction code KCKI "INFORMATION URKUNDENBESTAND" (INFORMATION CERTIFICATE HOLDING)

IH - Information certificate

IS - Information certificate search

The nominal amounts are extended to 19 characters. The NOM-SAMMEL [NOM-COLLECTIVE], NOM-OFFEN [NOM-PENDING] and the NOM-DISPOSITIV [NOM-ANTICIPATED] are displayed in the table without the first thousands separator.

```
TRAN: KCKI FC: IH SB: W#710000#####

CARAD                    INFORMATION RAHMENURKUNDEN                 SEITE :   1
                            TABELLARISCHE ANZEIGE

WKN: I DE0007100000 DAIMLER AG NA O.N.
                                        Ges-Nom-Sammel     :   1.036.074.553,032
                                        Ges-Rahmen-Nom     : 112.101.147.360,173
                                        Ges-Nom-Dispositiv:                  0
                                        Ges-Nom-Offen      : 111.065.072.807,141
KZ HLG Ord-Nr Sammel-    Nom-Sammel          Nom-Offen           Rahmen-Nom   Stk
               Nr        Nom-Dispositiv                                        nr
 _ 01       5     43         447.650,032     39.515.679,018     39.963.329,050 J
                                   0
 _ 01       4     42      64.775.782                  0         64.775.782     J
                                   0
 _ 01       6     41      96.408.000                  0         96.408.000     J
                                   0
 _ 01       1     36     874.443.121     111025.556.879,123 111900.000.000,123 J
                                  0

-- ID-KZ: 7907660001 -- PW:          ------ B7999A12 -- 02/07/10 -- 08:55:59 --
KC0015I Bitte Kennzeichen eingeben
PF3:Rücksprung PF4:Abbruch
```

Figure 3.2   Example for the KCKI transaction 1

```
TRAN: KCKI FC: IH SB: W#542000#####

CARAD                    INFORMATION GLOBALURKUNDEN                 SEITE :   1
                            TABELLARISCHE ANZEIGE


WKN : I DE0005420004 CEYONIQ AG
                                            Ges-Nom-Sammel:   1.127.316.975,100

KZ HLG Ord-Nr Sammel-Nr      Nom-Sammel         Stknr
 _ 01       1          7         658.800,050       N
 _ 01       2          6       6.650.000           J
 _ 01       3          5   1.120.008.175,050       N









-- ID-KZ: 7907660001 -- PW:          ------ B7999A12 -- 02/07/10 -- 08:55:59 --
KC0015I Bitte Kennzeichen eingeben
PF3:Rücksprung PF4:Abbruch
```

Figure 3.3   Example for the KCKI transaction 2

This expansion of digits also affects the CSV files, which eligible customers are able to request via KCSL AG and KCSL EM. The attributes for the following fields change:

Field	Decimal place OLD	Decimal place NEW (starting on 22 Nov. 2010)
Collective nominal amounts	11 digits before the decimal point	15 digits before the decimal point
	3 decimal places	3 decimal places

Field	Decimal place OLD	Decimal place NEW (starting on 22 Nov. 2010)
Up-to nominal amounts	13 digits before the decimal point	15 digits before the decimal point
	3 decimal places	3 decimal places
Nominals pending	13 digits before the decimal point	15 digits before the decimal point
	3 decimal places	3 decimal places
Nominals anticipated	13 digits before the decimal point	15 digits before the decimal point
	3 decimal places	3 decimal places

3.5 Nine-digit reference numbers for physical deposits and withdrawals

For physical deposits, CBF is obliged under Art. 14 of the German Securities Deposit Act to keep deposit/withdrawal ledgers. To this end, CASCADE instruction types 16 (deposit) and 18 (withdrawal) are assigned internal CBF reference numbers (deposit/withdrawal ledger numbers).

Due to increased order volume, the 6-digit reference numbers assigned previously will no longer be able to ensure uniqueness on an annual basis within the deposit/withdrawal ledgers.

Consequently, the number of digits was increased from 6 to 9 for deposit/withdrawal ledger numbers (EB/AB).

The increase in the number of digits only affects customers with regards to the monthly movement report (MOKO).
In MOKO the prefixes EB or AB will no longer be used in the remarks field due to space restrictions.

```
 CLEARSTREAM BANKING AG                                         FRANKFURT, DEN 01.07.2010
 NEUE BOERSENSTRASSE 1                                          TELEFON      +49-69-211-11177
                                                                TELEFAX      +49-69-211-13701


 MUSTER
 NEUE BOERSENSTRASSE 1

 D 60487 FRANKFURT AM MAIN


 BANK-NUMMER: X XXX                                                              SEITE
80.279
 DEPOTBUCH PERSOENLICH VOM 01.06. BIS 30.06.2010

 KONTO-NR: X/XXX/000        Muster

 ISIN / WKN        DE0005151005 / 515100  BASF SE O.N.

 BUCH- MB-   SET-DAY  SCHLUSST         LASTKTO         GUTKTO         AUFTR.
SET EING
 TAG   ÜBERG                   LASTKTO NIEDERL GUTKTO  NIEDERL AA BS  GES-NR EIN
NOMINALE WRG      GEGENWERT ART MAKL BEMERKUNG
 ALTER SALDO                                                                        ST
0,000
 28.06 11:07 28.06.10            XXXXX00         7222000        16 30 2761605 ST
1.000,000                      SDS  P276 EB-424007

 28.06 12:29 28.06.10            XXXX000          7965100       18  3 2761805 ST
1.000,000-                     RTS  P276 AB-173591
```

Figure 3.4 Example of current MOKO with prefixes EB and AB

```
CLEARSTREAM BANKING AG                                        FRANKFURT, DEN 01.07.2010
NEUE BOERSENSTRASSE 1                                         TELEFON      +49-69-211-11177
                                                              TELEFAX      +49-69-211-13701


MUSTER
NEUE BOERSENSTRASSE 1

D 60487 FRANKFURT AM MAIN


BANK-NUMMER: X XXX                                                                 SEITE
80.279
DEPOTBUCH PERSOENLICH VOM 01.06. BIS 30.06.2010

KONTO-NR: X/XXX/000        Muster

ISIN / WKN        DE0005151005 / 515100  BASF SE O.N.

BUCH- MB-   SET-DAY  SCHLUSST         LASTKTO         GUTKTO         AUFTR.
SET EING
TAG   ÜBERG                     LASTKTO NIEDERL GUTKTO  NIEDERL AA BS  GES-NR EIN
NOMINALE WRG      GEGENWERT ART MAKL BEMERKUNG
ALTER SALDO                                                                           ST
0,000
28.06 11:07 28.06.10          XXXXX00        7222000         16 30 2761605 ST
1.000,000                    SDS P276 456424007

28.06 12:29 28.06.10          XXXX000         7965100        18  3 2761805 ST
1.000,000-                   RTS P276 123173591
```

Figure 3.5 Example of future MOKO without prefixes EB and AB

3.6 Change of format description for the transaction code 'Current complete list' TRAN: KCSL AG

In the future, CBF can also include global certificates in its insourced vault safekeeping (vault segment 3). This requires adaptation of the CSV files for KCSL AG. While performing this change, the formats for the segments 1 (CBF vault) and 2 (individual safe custody) are also being revised.

A) Segment 1 CBF vault (CBF-Tresor)

Name of the CSV files

The report "Inventory list about CBF holdings for one security" (Inventarliste über Sonderbestand zu einer Gattung) is included in the CBF file service in accordance with the remaining KCSL lists and made available on the Internet for customers.

To enable the fastest and least complicated access to the right report, the file name provides the following information in case requirements were entered by customers:

1.	- KS&BANK-NR.01	CBF number of the requesting customer
2.	- KCSL	Transaction with which the report was requested
3.	- JR662351	for identifying which list/analysis is present

4.	- L&lfd. Nummer	for differentiation if multiple lists are required for one print date
5.	- D&	Print date

Example KS7999.01.KCSL.JR662351.L001.D100303.T154435.ADC

1. 2. 3. 4. 5

The files are made available to customers in encrypted form and must be decrypted with the FLAM software.

Data

Analysis of holdings held in the CBF vault by a lead manager is displayed in the CSV file format and is structured as follows:

```
1.Überschriftszeile: Literale der allgemeinen Daten einer LIA
2.Überschriftszeile: allgemeine Daten einer LIA
3.Überschriftszeile: Literale der ausgegebenen Daten einer LIA
1.Datenzeile zur LIA
2.Datenzeile zur LIA
….
```

The different fields within a line are separated by a semicolon.

The first headline contains the following fields in the order:

- U1 - Identifies this line as a headline with fields of the following general data
- EMPFAENGER [RECIPIENT]
- DRUCKDATUM [PRINT DATE]
- LFD-NR [CURRENT NO.]
- ISIN
- WKN-BEZ (ISIN-DESIGNATION)
- HLG (SAFEKEEPING TYPE)
- HLG-TEXT (SAFEKEEPING TYPE TEXT)

The second headline contains the following data in the format and order described below:

- U2 - Identifies this line as a headline with general data
- Recipient
  The field is numerical and contains 4 digits.
- Print date
  The field has 10-digits in the format DD.MM.YYYY.
- Current number lists requested
  The field is numerical and contains 3 digits.
- ISIN
  The field is alphanumerical and contains 12 characters.
- ISIN designation (WKN)
  The field is alphanumerical and contains 35 characters. If there is no designation for a class, SPACE is entered in the field.
- Safekeeping type
  The field is alphanumerical and contains 2 characters. Its headline is only filled if the report has been selected for a certain HLG. Otherwise SPACE is entered in the field.
- Safekeeping type text
  The field is alphanumerical and contains 35 characters. Its headline is only filled if the report has been

selected for a certain HLG and a text concerning the HLG is available when selecting the report. Otherwise SPACE is entered in the field.

The third headline contains the following fields in the order:

- U3 - Identifies this line as a headline with fields of the issued data
- HLG (SAFEKEEPING TYPE)
- HLG-TEXT (SAFEKEEPING TYPE TEXT)
- STUECKELUNG [DENOMINATION]
- SUMME NOMINALE [TOTAL NOMINALS]
- ANZAHL URKUNDEN [NUMBER OF CERTIFICATES]
- SAMMEL-NR [COLLECTIVE NO.]
- ORD-NR [ORD NO]
- NOMINALE SAMMEL [COLLECTIVE NOMINALS]
- RAHMEN-NOMINALE [UP-TO NOMINALS]
- NOMINALE-OFFEN [PENDING NOMINALS]
- NOMINALE-DISPOSITIV [NOMINAL DISPOSITIVE]
- STATUS
- STATUS-TEXT
- EINLIEF-GRUND [DEPOSIT REASON]
- EINLIEF-GRUND-TEXT [TEXT FOR REASON OF DEPOSIT]

The data lines contain the following data in the format and order described below:

- D1 - Identifies this line as a data line for individual certificates or
  D2 - Identifies this line as a data line of global certificates
- Safekeeping type
  The field is numerical and contains two digits.
- Safekeeping Typ text
  The field is alphanumerical and contains 35 characters. If is available when selecting the report the certificate, the field is filled with a SPACE.
- Denomination
  The field is numerical and contains 15 digits with 12 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.
- Total nominals (per denomination)
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.
- Number of certificates (per denomination)
  The field is numerical and contains 9 digits. If there is no individual certificate, SPACE is entered in the field.
- Collective number
  The field is numerical and contains 6 digits. If a certificate has no collective number, SPACE is entered in the field.
- Reference number
  The field is numerical and contains 6 digits. If a certificate has no reference number, SPACE is entered in the field.
- Nominals of the global certificate
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.

- Up-to nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Pending nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Anticipated nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Status of the global certificate
  The field is numerical and contains 3 digits. If there is no global certificate, SPACE is entered in the field.
- Status text of the global certificate
  The field is alphanumerical and contains 35 digits. If no global certificate or text for the global certificate exists, the field is filled with a SPACE.
- Deposit reason
  The field is numerical and contains two digits. If there is no global certificate, SPACE is entered in the field.
- Text for reason of deposit
  The field is alphanumerical and contains twenty digits. If no text for reason of deposit exists for the certificate, the field is filled with a SPACE.

The total of nominals and number of certificates includes the sum of the certificate numbers for the individual certificates from the hand, block and ice block package stock within a specific safekeeping type and denomination. Certificates that have either been opposed or that are missing or have been replaced are included, but are not explicitly identified.

Layout

The headline and data lines described above return the following layout for a CSV file:

```
U1; EMPFAENGER; DRUCKDATUM; LFD.NR; ISIN; WKN-BEZ; HLG; HLG-TEXT; ; ; ; ; ; ; ;
U2; 7999; 03.03.2008; 1; DE0009999999; TESTGATTUNG; ; ; ; ; ; ; ; ;
U3; HLG; HLG-TEXT; STUECKELUNG; SUMME NOMINALE; ANZAHL URKUNDEN; SAMMEL-NR; ORD-NR;
NOMINALE-SAMMEL; RAHMEN-NOMINALE; NOMINALE-OFFEN; NOMINALE-DISPOSITIV; STATUS;
STATUS-TEXT; EINLIEF-GRUND; EINLIEF-GRUND-TEXT
D2; 1; GS; ; ; ; 230; 121; 21492881; 800000000; 778507119; ; 500; KONTROLLIERT; 1;
AUS EMISSION
D2; 1; GS; ; ; ; 233; 303; 101000; 1000000; 899000; ; 500; KONTROLLIERT; 1; AUS
EMISSION
D2; 1; GS; ; ; ; 240; 623; 1000; ; ; ; 500; KONTROLLIERT; 1; AUS EMISSION
D1; 1; GS; 1; 77548; 77548; ; ; ; ; ; ; ; ; ;
D1; 1; GS; 10; 2779110; 277911; ; ; ; ; ; ; ; ; ;
D1; 1; GS; 100; 24065900; 240659; ; ; ; ; ; ; ; ; ;
D1; 1; GS; 500; 19268500; 38537; ; ; ; ; ; ; ; ; ;
D1; 1; GS; 1000; 11074000; 11074; ; ; ; ; ; ; ; ; ;
D1; 3; GS VORRATSL. BANK; 1; 219537; 219537; ; ; ; ; ; ; ; ; ;
D1; 3; GS VORRATSL. BANK; 10; 692620; 69262; ; ; ; ; ; ; ; ; ;
D1; 3; GS VORRATSL. BANK; 100; 10171500; 101715; ; ; ; ; ; ; ; ; ;
D1; 3; GS VORRATSL. BANK; 500; 33388000; 66776; ; ; ; ; ; ; ; ; ;
D1; 3; GS VORRATSL. BANK; 1000; 17553000; 17553; ; ; ; ; ; ; ; ; ;
D2; 15; STR GS MIT URKUNDE; ; ; 237; 2301; ; 1000; 1000; ; 500; KONTROLLIERT; 1; AUS
EMISSION
```

Figure 3.6 Example of layout for the CSV file

For test purposes, the CSV example file "KCSL AG Segment 1 CSV-File (Example)" is available for download on the Clearstream web site www.clearstream.com.

B) Segment 2 individual safe custody (Sonderverwahrung)

Name of the CSV files

The report "Inventory list concerning a special holding for one security" is included in the CBF file service in accordance with the remaining KCSL lists and made available on the Internet for customers.

To enable the fastest and least complicated access to the right report, the file name provides the following information in case requirements were entered by customers:

1.	- KS&BANK-NR.01	CBF number of the requesting customer
2.	- KCSL	transaction with which the report was requested
3.	- JR665351	for identifying which list/analysis is present
4.	- L&lfd. Nummer	for differentiation if multiple lists are required for one print date
5.	- D&	Print date

Example KS7999.01.KCSL.JR665351.L001.D100303.T154435.ADC

1. 2. 3. 4. 5

The files are made available to customers in encrypted form and must be decrypted with the FLAM software.

Data

Analysis of holdings held in the CBF vault by a lead manager is displayed in the CSV file format and is structured as follows:

```
1.Überschriftszeile: Literale der allgemeinen Daten einer LIA
2.Überschriftszeile: allgemeine Daten einer LIA
3.Überschriftszeile: Literale der ausgegebenen Daten einer LIA
1.Datenzeile zur LIA
2.Datenzeile zur LIA
….
```

The different fields within a line are separated by a semicolon.

The first headline contains the following fields in the order:

- U1 - Identifies this line as a headline with fields from the general data
- EMPFAENGER [RECIPIENT]
- DRUCKDATUM (PRINT DATE)
- LFD-NR [CURRENT NO.]
- ISIN
- WKN-BEZ (ISIN DESIGNATION)
- HLG (SAFEKEEPING TYPE)
- HLG-TEXT (SAFEKEEPING TYPE TEXT)

The second Headline contains the following data in the format and order described below:

- U2 - Identifies this line as a headline with general data
- Recipient
  The field is numerical and contains 4 digits.
- Print date
  The field is 10-digit in the format DD.MM.YYYY.
- Current number of the list request
  The field is numerical and contains 5 digits..

- ISIN
  The field is alphanumerical and contains 12 characters.
- ISIN designation
  The field is alphanumerical and contains 35 characters. If there is no designation for a type, SPACE is entered in the field.
- Safekeeping type
  The field is alphanumerical and contains 2 characters. Its headline is only filled if the report has been selected for a certain HLG during the entry process. Otherwise SPACE is entered in the field.
- Safekeeping type text
  The field is alphanumerical and contains 35 characters. Its headline is only filled if the report has been selected for a certain HLG and a text concerning the HLG is available when selecting the report. Otherwise SPACE is entered in the field.

The third headline contains the following fields in the order:

- U3 - Identifies this line as a headline with fields of the issued data
- HLG (SAFEKEEPING TYPE)
- HLG-TEXT (SAFEKEEPING TYPE TEXT)
- STUECKELUNG [DENOMINATION]
- SUMME NOMINALE [TOTAL NOMINALS]
- ANZAHL URKUNDEN [NUMBER OF CERTIFICATES]
- SAMMEL-NR [COLLECTIVE NO.]
- ORD-NR [ORD NO]
- NOMINALE SAMMEL [COLLECTIVE NOMINALS]
- RAHMEN-NOMINALE [UP-TO NOMINALS]
- NOMINALE-OFFEN [PENDING NOMINALS]
- NOMINALE-DISPOSITIV [NOMINAL DISPOSITIVE]
- STATUS
- STATUS-TEXT

The data lines contain the following data in the format and order described below:

- D1 - Identifies this line as a data line for individual certificates
  or D2 - Identifies this line as a data line of global certificates
- Safekeeping type
  The field is numerical and contains two digits.
- Safekeeping type text
  The field is alphanumerical and contains 35 characters. If no Text saving type exists for the certificate, the field is filled with a SPACE.
- Denomination
  The field is numerical and contains 15 digits with 12 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.
- Total nominals (per denomination)
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.
- Number of certificates (per denomination)
  The field is numerical and contains 9 digits. If there is no individual certificate, SPACE is entered in the field.

- Collective number
  The field is numerical and contains 6 digits. If a certificate has no collective number, SPACE is entered in the field.
- Reference number
  The field is numerical and contains 6 digits. If a certificate has no reference number, SPACE is entered in the field.
- Nominals of the global certificate
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Up-to nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Pending nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Dispositive nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Status of the global certificate
  The field is numerical and contains 3 digits. If there is no global certificate, SPACE is entered in the field.
- Status text of the global certificate
  The field is alphanumerical and contains 35 digits. If no global certificate or text for the global certificate exists, the field is filled with a SPACE.

The total nominals and number of certificates includes the sum of the certificate numbers for the individual certificates from the hand, bloc and ice bloc package stock within the safekeeping type and denomination. Certificates that have either been opposed or that are missing or have been replaced are included, but are not explicitly identified.

Layout

The headline and data lines described above return the following layout for a CSV file:

```
U1;EMPFAENGER;DRUCKDATUM;LFD.NR;BANK;BANK-NAME;ISIN;WKN-BEZ;HLG;HLG-TEXT;;;;

U2;20;17.12.2009;1;7999;TESTBANK AG;;;20;LAGERSTELLE;;;;
U3;ISIN;WKN-BEZ;HLG;HLG-TEXT;STUECKELUNG;SUMME NOMINALE;ANZAHL URKUNDEN;SAMMEL-
NR;ORD-NR;NOMINALE-SAMMEL;RAHMEN-NOMINALE;NOMINALE-OFFEN;NOMINALE-
DISPOSITIV;STATUS;STATUS-TEXT
D2;DE000A0LHMK4;DBV OEFF.BER.7,18266/;;;;1;1;1;;;;500;KONTROLLIERT
D2;DE000PAH0004;PORSCHE AUTOM.HLDG ST;;;;1;1;8750000;;;;500;KONTROLLIERT
D1;DE0001370047;7 % LEIPZIG ANL. 26/47 DL;1000;2000;2;;;;;;;;
```

For test purposes the CSV example file “KCSL AG Segment 2 CSV-File (Example)” is available for download on the Clearstream web site www.clearstream.com.

C) Segment 3 insourced vault (Fremdtresor)

Name of the CSV files

The report "Inventory list via FTB inventory for one security" is included in the CBF file service in accordance with the remaining KCSL lists and made available on the Internet for customers.

To enable the fastest and least complicated access to the right report, the file name provides the following information in case requirements were entered by customers:

1.	- KS&BANK-NR.01	CBF number of the requesting customer
2.	- KCSL	transaction with which the report was requested

3.	- JR663351	for identifying which list/report is present
4.	- L&lfd. Nummer	for differentiation if multiple lists are required for one print date
5.	- D&	Print date

Example KS7999.01.KCSL.JR663351.L001.D100303.T154435.ADC

1. 2. 3. 4. 5

The files are made available to customers in encrypted form and must be decrypted with the FLAM software.

Data

The analysis of the holdings of an outsourcer held in the FTB vault is displayed in the CSV file format and is structured as follows:

```
1.Überschriftszeile: Literale der allgemeinen Daten einer LIA
2.Überschriftszeile: allgemeine Daten einer LIA
3.Überschriftszeile: Literale der ausgegebenen Daten einer LIA
1.Datenzeile zur LIA
2.Datenzeile zur LIA
….
```

The different fields within a line are separated by a semicolon.

The first headline contains the following fields in the order:

- U1 - Identifies this line as a headline with fields from the general data
- EMPFAENGER [RECIPIENT]
- DRUCKDATUM (PRINT DATE)
- LFD-NR [CURRENT NO.]
- BANK
- BANK NAME
- ISIN
- ISIN DESIGNATION

The second headline contains the following data in the format and order described below:

- U2 - Identifies this line as a headline with general data
- Recipient
  The field is numerical and contains 4 digits.
- Print date
  The field is 10-digit in the format DD.MM.YYYY.
- Current number of the list request
  The field is numerical and contains 5 digits.
- BANK NO
  The field is numerical and contains 4 digits.
- BANK NAME
  The field is alphanumerical and contains 30 characters. If there is no designation for a bank, SPACE is entered in the field.
- ISIN
  The field is alphanumerical and contains 12 characters. Its headline is only filled if the report has been selected for a certain HLG during the entry process. Otherwise SPACE is entered in the field.
- ISIN designation
  The field is alphanumerical and contains 35 characters. Its headline is only filled if the report has been

selected for a certain ISIN and a designation for the ISIN exists during the entry process. Otherwise SPACE is entered in the field.

The third headline contains the following fields in the order:

- U3 - Identifies this line as a headline with fields of the issued data
- KREF-SOND-KZ-ALPHA
- KREF-DRITTBK-GIT
- KREF-DRITTBK
- KREF-KUNDE-GIT
- KREF-KUNDE
- ISIN
- ISIN DESIGNATION
- STUECKELUNG [DENOMINATION]
- SUMME NOMINALE [TOTAL NOMINALS]
- ANZAHL URKUNDEN [NUMBER OF CERTIFICATES]
- SAMMEL-NR [COLLECTIVE NO.]
- ORD-NR [ORD NO]
- NOMINALE SAMMEL [COLLECTIVE NOMINALS]
- RAHMEN-NOMINALE [UP-TO NOMINALS]
- NOMINALE-OFFEN [PENDING NOMINALS]
- NOMINALE-DISPOSITIV [NOMINAL DISPOSITIVE]
- STATUS
- STATUS TEXT

The data lines contain the following data in the format and order described below:

- D1 - Identifies this line as a data line for individual certificates
  or D2 - Identifies this line as a data line of global certificates
- KREF-SOND-KZ-ALPHA
  The field is alphabetical and contains 1 character.
- KREF-DRITTBK-GIT
  The field is alphanumerical and contains 3 digits.
- KREF-DRITTBK
  The field is alphanumerical and contains 15 characters.
- KREF-KUNDE-GIT
  The field is alphanumerical and contains 3 characters.
- KREF-KUNDE
  The field is alphanumerical and contains 15 characters.
- ISIN
  The field is alphanumerical and contains 12 characters.
- ISIN designation
  The field is alphanumerical and contains 35 characters. If there is no designation for a type, SPACE is entered in the field.
- Denomination
  The field is numerical and contains 15 digits with 12 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.

- Total nominals(per denomination)
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no individual certificate, SPACE is entered in the field.
- Number of certificates(per denomination)
  The field is numerical and contains 9 digits. If there is no individual certificate, SPACE is entered in the field.
- Collective number
  The field is numerical and contains 6 digits. If a certificate has no collective number, SPACE is entered in the field.
- Reference number
  The field is numerical and contains 6 digits. If a certificate has no reference number, SPACE is entered in the field.
- Nominals of the global certificate
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Up-to nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Pending nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Dispositive nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Status of the global certificate
  The field is numerical and contains 3 digits. If there is no global certificate, SPACE is entered in the field.
- Status text of the global certificate
  The field is alphanumerical and contains 35 digits. If no global certificate or text for the global certificate exists, the field is filled with a SPACE.

The total nominals and number of certificates includes the sum of the certificate numbers for the individual certificates from the insourced vault inventory of the selected outsourcer within a customer reference, security, safekeeping type, different type designation and denomination.

Certificates that have either been opposed or that are missing or have been replaced are included, but are not explicitly identified.

Layout

The headline and data lines described above return the following layout for a CSV file::

```
U1;EMPFAENGER;DRUCKDATUM;LFD.NR;BANK;BANK-NAME;ISIN;WKN-BEZ;;;;;;;;
U2;20;03.03.2008;2;7999;TESTBANKAG;DE0005221006;BERL.KINDLBRAUEREIO;;;;;;
U3;KREF-SOND-KZ;KREF-DRITTBK-GIT;KREF-DRITTBK;KREF-KUNDE-GIT;KREF-KUNDE;ISIN;WKN-
BEZ;STUECKELUNG;SUMMENOMINALE;ANZAHLURKUNDEN;SAMMEL-NR;ORD-NR;NOMINALE-
SAMMEL;STATUS;STATUS-TEXT;
D1;E;;;;45454;DE0005221006;BERL.KINDLBRAUEREIO;10;100000;10000;;;;;
```

For test purposes, the CSV example file "KCSL AG Segment 3 CSV-File (Example)" is available for download on the Clearstream web site www.clearstream.com.

3.7 New transaction code for reconcilation of positions for agents TRAN:KCSL AM

Agents (companies trading in securities), who participate in the EDT process as commissioned by institutes responsible for issuing certificates, may request reports with the function KCSL AM, which list all securities they are handling.

The KCSL selection screen was enhanced with the function code "AM – Aktuelle Bestandsauswertung Agent" (Current reconcilation of positions agent).

```
TRAN: KCSL FC:    SB:

CARAD       A N F O R D E R U N G E N    L I S T E N   B A T C H


   AG   Aktuelle Gesamtliste
   AE   Aktuelle Einzelliste
   AK   Aktuelle Kundendepotliste

   EM   Aktuelle Bestandsauswertung emissionsbegleitendes Institut
   AM   Aktuelle Bestandsauswertung Agent

   nur CBF:

   NV   Auftragsnummernverzeichnis
   ST   Urkundensuche
   US   Stückenummern zur Sammelurkunde

   LB   Blockpostenliste


-- ID-KZ: 7907000176 -- PW:          ------ B7907494 -- 17/08/10 -- 11:27:36 --
KC0113F Feld muss einen der angezeigten Auswahlcodes enthalten
PF3:Rücksprung PF4:Abbruch
```

Name of the CSV files

The report agent is included in the CBF file service in accordance with the remaining KCSL lists and made available on the Internet for customers.

To enable the fastest and least complicated access to the right report, the file name of the report provides the following information in case requirements were entered by customers:

1.	- KS&BANK-NR.01	CBF number of the requesting customer
2.	- KCSL	transaction with which the report was requested
3.	- JR666351	for identifying which list/analysis is present
4.	- L&lfd.Nummer	for differentiation if multiple lists are required for one print date
5.	- D&	Print date

Example KS7999.01.KCSL.JR666351.L001.D100303.T154435.ADC

1. 2. 3. 4. 5

The files are made available to customers in encrypted form and must be decrypted with the FLAM software.

Data

Analysis of holdings held in the CBF vault by a lead manager is displayed in the CSV file format and is structured as follows:

```
1.Überschriftszeile: Literale der allgemeinen Daten einer LIA
2.Überschriftszeile: allgemeine Daten einer LIA
3.Überschriftszeile: Literale der ausgegebenen Daten einer LIA
1.Datenzeile zur LIA
2.Datenzeile zur LIA
….
```

The different fields within a line are separated by a semicolon.

The first headline contains the following fields in the order:

- U1 - Identifies this line as a headline with fields from the general data
- EMPFAENGER [RECIPIENT]
- DRUCKDATUM (PRINT DATE)
- LFD-NR [CURRENT NO.]
- AGENT
- AGENT-BEZ (AGENT DESIGNATION)

The second headline contains the following data in the format and order described below:

- U2 - Identifies this line as a headline with general data
- Recipient
  The field is numerical and contains 4 digits.
- Print date
  The field is 10-digit in the format DD.MM.YYYY.
- Current number of the list request
  The field is numerical and contains 5 digits.
- Agent
  The field is numerical and contains 4 digits.
- Agent designation
  The field is alphanumerical and contains 35 characters. If there is no designation for an agent, SPACE is entered in the field.

The third headline contains the following fields in the order:

- U3 - Identifies this line as a headline with fields of the issued data
- ISIN
- ISIN DESIGNATION
- HLG (SAFEKEEPING TYPE)
- HLG TEXT (SAFEKEEPING TYPE TEXT)
- SAMMEL-NR [COLLECTIVE NO.]
- ORD-NR [ORD NO]
- NOMINALE SAMMEL [COLLECTIVE NOMINALS]
- RAHMEN-NOMINALE [UP-TO NOMINALS]
- NOMINALE-OFFEN [PENDING NOMINALS]
- NOMINALE-DISPOSITIV [NOMINAL DISPOSITIVE]
- STATUS
- STATUS TEXT

- EINLIEF-GRUND [DEPOSIT REASON]
- EINLIEF-GRUND-TEXT [TEXT FOR REASON OF DEPOSIT]
- KZ-AGENT-BEARB
- KZ-AGENT-REPORT

The data lines contain the following data in the format and order described below:

- D2 - Identifies this line as a data line of global certificates
- ISIN
  The field is alphanumerical and contains 12 characters.
- ISIN designation
  The field is alphanumerical and contains 35 characters. If there is no designation for a securities type, SPACE is entered in the field.
- Safekeeping type
  The field is numerical and contains two digits.
- Safekeeping typ text
  The field is alphanumerical and contains 35 characters. If no text saving type exists for the certificate, the field is filled with a SPACE.
- Collective number
  The field is numerical and contains 6 digits. If a certificate has no collective number, SPACE is entered in the field.
- Reference number
  The field is numerical and contains 6 digits. If a certificate has no reference number, SPACE is entered in the field.
- Nominals of the global certificate
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Up-to nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Pending nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Dispositive nominals
  The field is numerical and contains 18 digits with 15 digits before the decimal point and 3 after. If there is no global certificate, SPACE is entered in the field.
- Status of the global certificate
  The field is numerical and contains 3 digits. If there is no global certificate, SPACE is entered in the field.
- Status text of the global certificate
  The field is alphanumerical and contains 35 digits. If no global certificate or text for the global certificate exists, the field is filled with a SPACE.
- Deposit reason
  The field is numerical and contains three digits. If there is no global certificate, 0 is entered in the field.
- Text for reason of deposit
  The field is alphanumerical and contains twenty characters. If no text for reason of deposit exists for the certificate, the field is filled with a SPACE.

- Agent processing
  The field is numerical and contains 3 digits. If there is no information for an agent, SPACE is entered in the field.
- Agent report
  The field is numerical and contains 3 digits. If there is no information for an agent, SPACE is entered in the field.

The headline and data lines described above return the following layout for a CSV file:

```
U1;EMPFAENGER;DRUCKDATUM;LFD.NR;AGENT;AGENT-BEZ;
U2;7002;10.10.2007;001;7002;DRESDNER BANK AG;
U3;ISIN;WKN-BEZ;HLG;HLG-TEXT;SAMMEL-NR;ORD-NR;NOMINALE-SAMMEL;RAHMEN-
NOMINALE;NOMINALE-OFFEN;NOMINALE-DISPOSITIV;STATUS;STATUS-TEXT;EINLIEF-GRUND;EINLIEF-
GRUND-TEXT; KZ-AGENT-BEARB;KZ-AGENT-REPORT;
D2;DE0008474040;DWS INTER-RENTA                    ;01;GS
;1;62;10000,000;50000,000;39800,000;200,000;500;KONTROLLIERT         ;01;EINLIEF.
EFF. URK.             ;;1;
```

For test purposes the CSV example file "KCSL AM Segment 3 CSV-File (Example)" is available for download on the Clearstream web site www.clearstream.com.

A detailed description of the format is provided there.

3.8 Expansion of the CSV file with respect to the reconcilation of positions of institutes responsible for issuing certificates TRAN:KCSL EM

The agent-specific fields are also included in the CSV file for the institutes responsible for issuing certificates.

Name of the CSV files

The report of the 'institute responsible for issuing certificates' is included in the CBF file service in accordance with the remaining KCSL lists and made available on the Internet for customers.

To enable the fastest and least complicated access to the right report, the file name of the report provides the following information in case of requirements were entered by customers:

1.	- KS&BANK-NR.01	CBF number of the requesting customer
2.	- KCSL	transaction with which the report was requested
3.	- JR661351	for identifying which list/analysis is present
4.	- L&lfd. Nummer	for differentiation if multiple lists are required for one print date
5.	- D&	Print date

Example KS7999.01.KCSL.JR661351.L001.D100303.T154435.ADC

1. 2. 3. 4. 5

The files are made available to customers in encrypted form and must be decrypted with the FLAM software.

Data

Analysis of holdings held in the CBF vault by a lead manager is displayed in the CSV file format and is structured as follows:

```
1.Überschriftszeile: Literale der allgemeinen Daten einer LIA
2.Überschriftszeile: allgemeine Daten einer LIA
3.Überschriftszeile: Literale der ausgegebenen Daten einer LIA
1.Datenzeile zur LIA
2.Datenzeile zur LIA
….
```

The different fields within a line are separated by a semicolon.

The first headline contains the following fields in the order:

- Ü1 - Identifies this line as a headline with fields from the general data
- PRINT DATE
- LFD-NR [CURRENT NO.]
- EMIS-BEGL-INSTITUT
- EMIS-BEGL-INSTITUT-BEZ

The second headline contains the following data in the format and order described below:

- Ü2 - Identifies this line as a headline with general data
- Print date
  The field is 10-digit in the format DD.MM.YYYY.
- Current number of the list request
  The field is numerical and contains 3 digits.
- Institute responsible for issuing certificates
  The field is numerical and contains 4 digits.
- Designation of institute responsible for issuing certificates
  The field is alphanumerical and contains 35 characters. If there is no designation for an institute responsible for issuing certificates, SPACE is entered in the field.

The third headline contains the following fields in the order:

- Ü3 - Identifies this line as a headline with fields of the issued data
- ISIN
- ISIN DESIGNATION
- HLG (SAFEKEEPING TYPE)
- HLG TEXT (SAFEKEEPING TYPE TEXT)
- STUECKELUNG [DENOMINATION]
- SUMME NOMINALE [TOTAL NOMINALS]
- ANZAHL URKUNDEN [NUMBER OF CERTIFICATES]
- SAMMEL-NR [COLLECTIVE NO.]
- ORD-NR [ORD NO]
- NOMINALE SAMMEL [COLLECTIVE NOMINALS]
- RAHMEN-NOMINALE [UP-TO NOMINALS]
- NOMINALE-OFFEN [NOMINALS OPEN]
- NOMINALE-DISPOSITIV [NOMINAL DISPOSITIVE]
- STATUS
- STATUS TEXT

- EINLIEF-GRUND [DEPOSITREASON]
- EINLIEF-GRUND-TEXT [TEXT FOR REASON OF DEPOSIT]
- AGENT
- KZ-AGENT-BEARB
- KZ-AGENT-REPORT

The total nominals and number of certificates includes the sum of the certificate numbers for the individual certificates from the hand, bloc and ice bloc package stock within an ISIN, the safekeeping type, different type designation and denomination. Certificates that have either been opposed or that are missing or have been replaced are included, but are not explicitly identified.

Layout

The headline and data lines described above return the following layout for a CSV file:

```
U1;DRUCKDATUM;LFD.NR;EMIS-BEGL-INSTITUT;EMIS-BEGL-INSTITUT-BEZ
U2;10.10.2007;00001;7999;TESTBANK AG
U3;ISIN;WKN-BEZ;HLG;HLG-TEXT;STUECKELUNG;SUMME NOMINALE;ANZAHL URKUNDEN;SAMMEL-
NR;ORD-NR;NOMINALE SAMMEL;RAHMEN-NOMINALE;NOMINALE OFFEN;NOMINALE
DISPOSITIV;STATUS;STATUS-TEXT;EINLIEF-GRUND;EINLIEF-GRUND-TEXT;AGENT;KZ-AGENT-
BEARB;KZ-AGENT-REPORT
D1;DE0008474040;DWS INTER-RENTA;01;GS;10,000;1000;100;;;;;;;;01;EINLIEF. EFF.
URK.;;;
D2;DE0008474040;DWS INTER-RENTA
;01;GS;;;;1;62;10000,000;50000,000;39800,000;200,000;500;KONTROLLIERT;01;EINLIEF.
EFF. URK.;;;
```

For test purposes, the CSV example file "KCSL EM CSV-File (Example)" is available for download on the clearstream web site www.clearstream.com.

4 Global Securities Financing Services

4.1 Xemac®

4.1.1 Launch of the new Xemac® Version 5.1

A new Xemac® version 5.1 will be implemented with the release on 22 November 2010. The participating banks must install Xemac version 5.1 by this date. After this date, it will not be possible to access Xemac version 5.0 or earlier.

The software for Xemac version 5.1 is scheduled to be available for download on the 8 November 2010 from the Clearstream Banking web site www.clearstream.com herunter geladen werden:

"Publications & Downloads"/"Global Securities Financing"/"Collateral Management"/"Xemac"/ "Technical Specifications"

The "Installation Manual" will also be available on the web site.

The key changes in Xemac version 5.1 are explained below.

4.1.2 Re-use of GC Pooling securities for Eurex margining

This release enables the re-use of securities received through GC Pooling Classic Basket for the collateralisation of Eurex margining exposures. The corresponding service launch will be notified in a separate announcement. New contract conclusions and accordingly new claims will need to be entered in Xemac between Eurex Clearing AG and customers interested in the new functionality. The flag "Re-use of transferred securities from EGCP" will be automatically enabled in such claims.

Contrary to the prevailing process of manual allocation/release of individual assets to the Eurex claims (towards Eurex Margining, Eurex Clearing Fund und Eurex Company Capital), the re-use of assets received through GC Pooling Classic Basket will take place only through claim adjustments in Xemac. In such claims, no manual allocation/release at the ISIN level is required to be undertaken by users. From the customer perspective, it is only expected to adjust the claim amount and the corresponding allocation/release of the respective ISINs will be carried out in Xemac automatically.

4.1.3 Enhancement of client usability: reporting and views

Clearstream Banking Frankfurt introduces additional features in views and reports in the Xemac application. The important changes are described below:

4.1.3.1 Entry of debit instructions for allocated securities and for future value dates

Xemac Version 5.1 provides enhanced flexibility to enter debit instructions and instructions can be entered:

- for securities that are not free in the collateral pool;
- with an amount higher than the free amount available;
- for future value date although the security is currently not free.

A debit instruction can be entered for securities of Type "E", irrespective of the "Collateral Status" (Free, Pledged, Appropriated, etc.) and "Allocation Type" (Pledge, Transfer EGC, etc). An instruction can also be entered for an amount higher than the free nominal available. If the assets are not free to the extent of the required debit amount, system will automatically generate substitutions (as far as possible). The existing restriction on debit of "T" securities will remain unchanged.

Xemac will enable entry of debit instructions of any valid (MTU) nominal value without limit. The instruction will be accepted and the required substitutions will be triggered immediately.

It will be possible to enter a future value date for a debit instruction, even if the collateral position is currently not free. Xemac will process such an instruction on the requested value date.

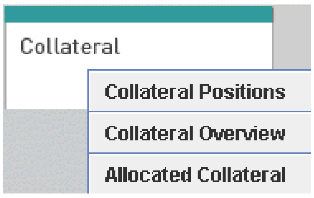
There are two options to enter debit instructions:

1) through the menu item "New Debit Instruction" on the Xemac main view:
The menu item "New Debit Instruction" will open the blank screen "New Debit Instruction" where the user will enter all details needed to debit the security: ISIN, Nominal, Settlement Location and Client Reference (similar to what is required by the entry of credit instructions).

2) through the tabular views in the "Securities" menu:
It will still be possible to enter a debit instruction through tabular views, which automatically include the necessary detailed security information with the possibility to edit the fields (e.g. nominal and value date). This functionality will be offered through the views "Collateral Positions", "Allocated Collateral" and "Collateral Overview".

4.1.3.2 New tabular view "Collateral Overview"

In addition to the existing views "Collateral Positions" and "Allocated Collateral", a new consolidated "Collateral Overview" is introduced. This tabular view is accessed through the "Collateral" menu within the Xemac main menu as below:



The new tabular view has the following columns:

Collateral Overview
ISIN
Type
Basket
Settlement Location
Securities Description
Nominal Value/Amount
Collateral Status
Allocation Type
Participant No.
Client Reference
Client
System Claim No.
Own Claim No.
Counterparty
Counterparty Client Reference
Counterparty Client
Market Value in Reference Currency
Collateral Value in Reference Currency

Collateral Overview
Claim Currency
Collateral Value in Claim Currency

The values in the fields "Nominal/Amount", "Collateral Value in Reference Currency" and "Collateral Value in Claim Currency" can be either positive or negative depending on whether participant is a taker or provider in the respective claim. The values in field "Market Value in Reference Currency" are always displayed as positive.

The new view will offer the same context menus as available for the views "Collateral Positions" and "Allocated Collateral":

- Display,
- Manual Allocation/Release and
- New Debit Instruction.

4.1.3.3 Save options in views and reports in PDF and XML format

Additional menu functions to save views and reports in PDF and XML format are available as shown below:

A tabular view or report can be saved directly in PDF format.

The following is an example of the tabular view "Current Client References" exported to XML format, for a Xemac participant Xemac 6335 (ABC Bank), using the default blank Client Reference:

```
<?xml version="1.0" encoding="ISO-8859-1"?>

<!DOCTYPE xemac_table [

<!ELEMENT xemac_table (xemac_document_info, xemac_heading, xemac_row*, xemac_no_data?)>

<!ELEMENT xemac_document_info (doc_title, doc_origin, doc_number, doc_creation_date,
doc_owner, doc_client_reference?, doc_currency, doc_id)>

<!ELEMENT doc_title (#PCDATA)>

<!ELEMENT doc_origin (#PCDATA)>

<!ELEMENT doc_number (#PCDATA)>

<!ELEMENT doc_creation_date (#PCDATA)>

<!ELEMENT doc_owner (#PCDATA)>

<!ELEMENT doc_client_reference (#PCDATA)>

<!ELEMENT doc_currency (#PCDATA)>

<!ELEMENT doc_id (#PCDATA)>
```

```
<!ELEMENT xemac_heading (xemac_header)*>
<!ELEMENT xemac_header (#PCDATA)>
<!ATTLIST xemac_header id CDATA #IMPLIED>
<!ELEMENT xemac_row (teilnehmer_nr, kundenreferenz, kunde, member_id, clearer_id,
reservierungskonto, segregierungskonto, status_kundenreferenz, datum_anlage)>
<!ATTLIST xemac_row id CDATA #IMPLIED>
<!ELEMENT teilnehmer_nr (#PCDATA)>
<!ELEMENT kundenreferenz (#PCDATA)>
<!ELEMENT kunde (#PCDATA)>
<!ELEMENT member_id (#PCDATA)>
<!ELEMENT clearer_id (#PCDATA)>
<!ELEMENT reservierungskonto (#PCDATA)>
<!ELEMENT segregierungskonto (#PCDATA)>
<!ELEMENT status_kundenreferenz (#PCDATA)>
<!ELEMENT datum_anlage (#PCDATA)>
<!ELEMENT xemac_no_data EMPTY>
]>
<xemac_table>
  <xemac_document_info>
    <doc_title>Aktuelle Kundenreferenzen</doc_title>
    <doc_origin>Clearstream Banking AG Xemac®</doc_origin>
    <doc_number>Ansicht</doc_number>
    <doc_creation_date>31.10.2010, 10:22</doc_creation_date>
    <doc_owner>6335 ABC Bank</doc_owner>
    <doc_currency>EUR</doc_currency>
    <doc_id>ISO-WKN</doc_id>
  </xemac_document_info>
  <xemac_heading>
    <xemac_header id="1">Teilnehmer Nr</xemac_header>
    <xemac_header id="2">Kundenreferenz</xemac_header>
    <xemac_header id="3">Kunde</xemac_header>
    <xemac_header id="4">Member ID</xemac_header>
    <xemac_header id="5">Clearer ID</xemac_header>
    <xemac_header id="6">Reservierungskonto</xemac_header>
    <xemac_header id="7">Segregierungskonto</xemac_header>
    <xemac_header id="8">Status Kundenreferenz</xemac_header>
    <xemac_header id="9">Datum Anlage</xemac_header>
  </xemac_heading>
  <xemac_row id="1">
    <teilnehmer_nr>6335</teilnehmer_nr>
    <kundenreferenz>                        </kundenreferenz>
```

```
    <kunde></kunde>
    <member_id>ABCDE</member_id>
    <clearer_id>VWXYZ</clearer_id>
    <reservierungskonto>12345</reservierungskonto>
    <segregierungskonto>98765</segregierungskonto>
    <status_kundenreferenz>Erfassung Kontrolliert</status_kundenreferenz>
    <datum_anlage>21.10.2008</datum_anlage>
  </xemac_row>
</xemac_table>
```

4.1.3.4 Additional information in Write Directory

A new field is introduced in the "Settings" screen that enables the user to identify the path for saving the views and reports. This new field "Current Write Directory" displays the last saved directory information. The new field is introduced in addition to the "Default Write Directory" entered at the set-up phase of Xemac.

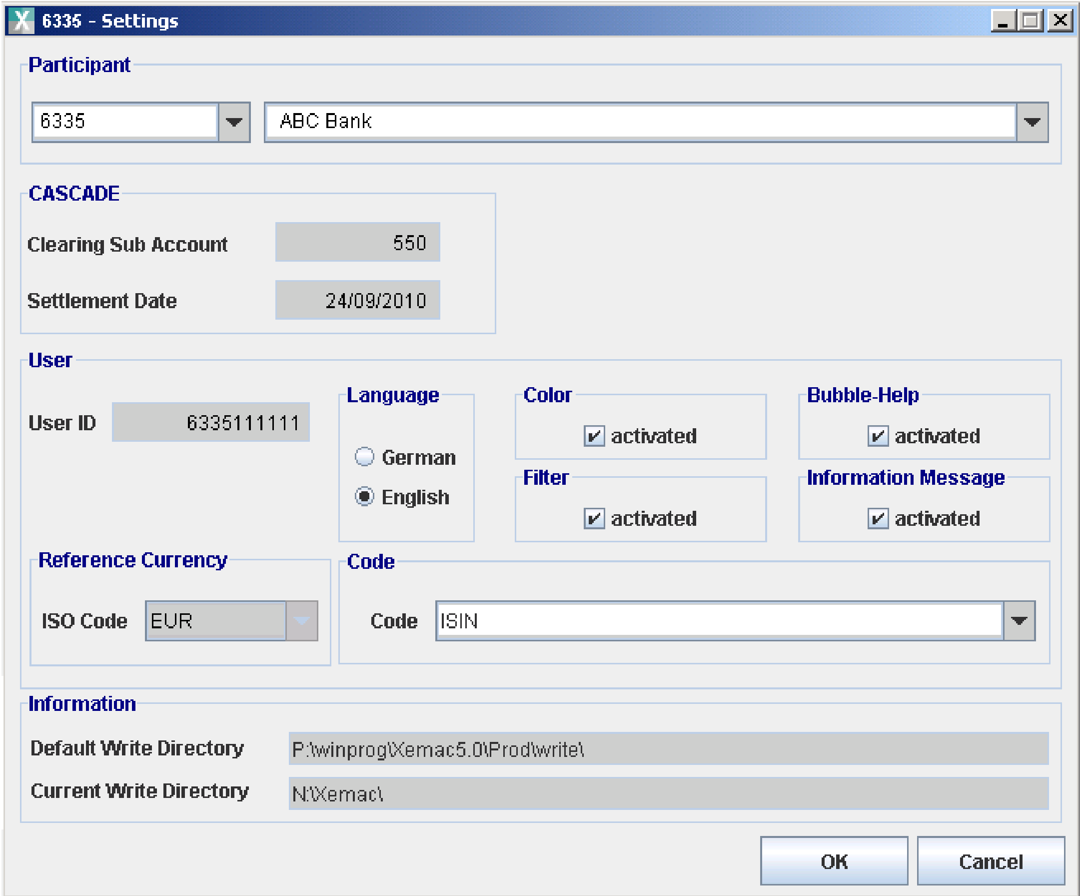


Figure 4.1 Sample detailed view "Settings"

4.1.3.5 Change of tab-page "EGCP Data" in detailed view for client reference

The detailed view for a client reference consists of three tabs. The tab "Settlement Data" replaces the tab "EGCP Data" and the fields are rearranged as shown below:

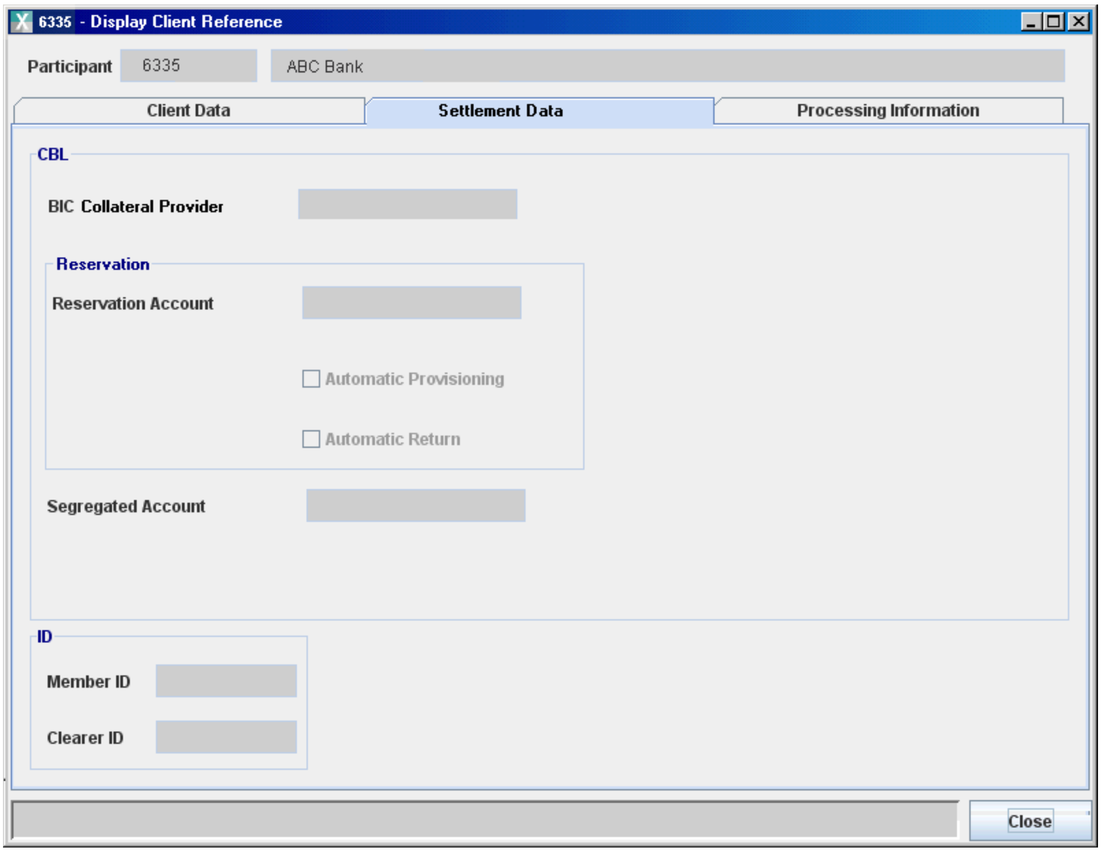


Figure 4.2 Sample detailed view "Client Reference" - tab-page "Settlement Data"

The above view displays the renaming of the field "BIC Source Account" to "BIC Collateral Provider". The "Reservation" area is marked separately to contain the "Reservation Account" and the related fields "Automatic Provisioning" and "Automatic Return".

4.1.3.6 Additional Information in detailed views in collateral menu

Both detailed views "Display Collateral" and "Display Allocated Security" l contain additional information:

Tab "Identification"

- The field "Market Price" becomes "Xemac Price", because this is a derived price considering the indexation coefficient and pool factor, when applicable.
- The new field "Market Price" will display the current price from WSS prior to the application of the indexation coefficient and pool factor. This new field could display an exchange price, a Reuters price, a Eurex price or even a Xemac valuation rate.
- The new field "Market Place" displays the place where the price is sourced from, as displayed in WSS (e.g. EDF, EDE, etc.). If the "Market Price" is not sourced from an exchange (that is, a Xemac valuation rate sourced from the Deutsche Bundesbank), the field will remain blank.

- The new field "Indexation Coefficient" displays the coefficient value for the corresponding security. When no such value exists, the field will display "1".

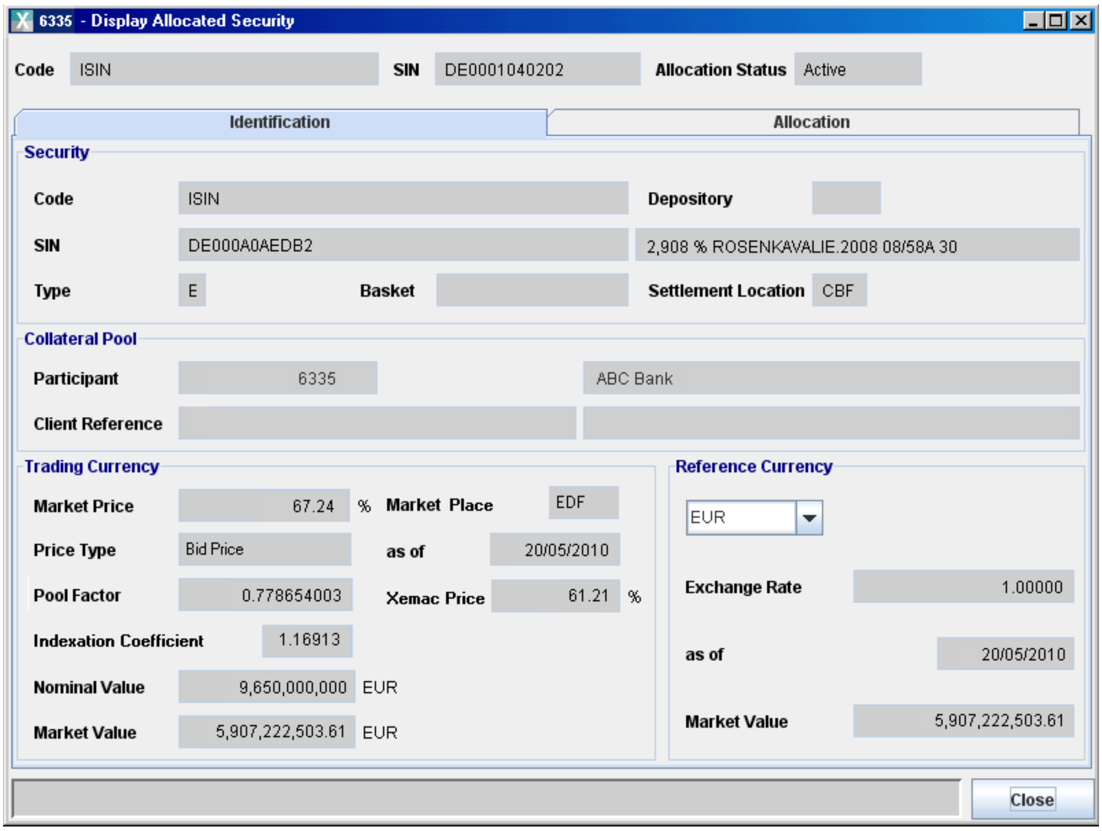


Figure 4.3 Sample detailed view "Display Allocated Security" tab-page "Identification"

Tab "Allocation"

- "A new field "Haircut" is available in the area Contract/Claim as shown below. It displays the haircut of the corresponding paper, applicable as per the terms of the contract definition.

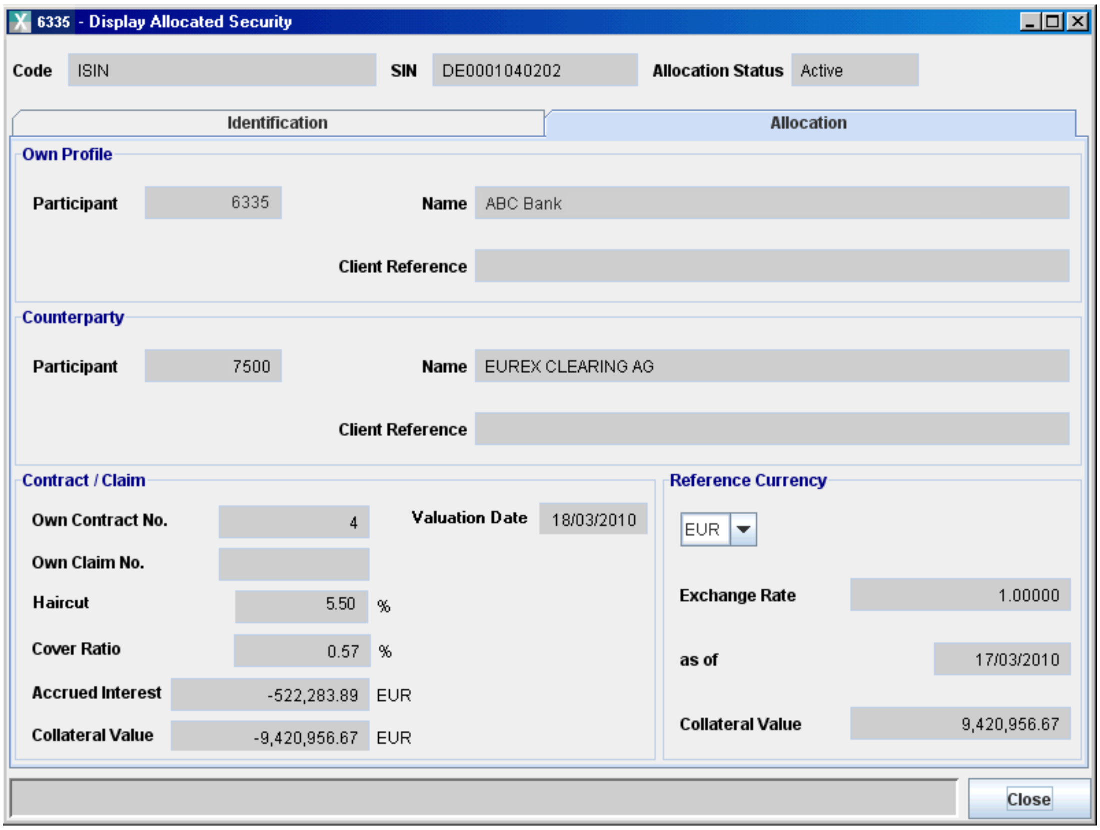


Figure 4.4   Sample detailed view "Display Allocated Security" tab-page "Allocation"

4.1.3.7 Changes in Reports

The following reports have the column "Market Price" renamed to "Xemac Price":

- Detailed Claim Amount CMSI,
- Allocations,
- Collateral Pool,
- Collateral Pool per CRef.

In the Allocations report, the column "Date of Last Valuation" is replaced by a new column "Price Date".

In the Collateral Pool and Collateral Pool per CRef reports, the column "as of" is renamed "Price Date".

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5 Cross Border Services

5.1 Austria

5.1.1 Overview

The following changes are being introduced mandatorily for cross-border settlement with counterparties in the Austrian market (CBF offset account 7220-OeKB) and concern OTC securities transactions for which OeKB, Vienna, acts as central depository.

- Introduction of FoP matching (free of payment)
- Extension of instruction deadlines
- Carrying forward of instructions and respective impacts on cash and security disposition
- Adaptation of custody services
- Introduction of the "bilateral cancellation" principle

We also offer the possibility of settling transactions on the Vienna stock exchange and the trading platforms Chi-X and Xetra® International Market.

5.1.2 Introduction of FoP matching

FoP deliveries require matching. This applies both to receipt and delivery instructions. CBF considers the FoP matching defaults which are set on your account; for example active matchers must enter their instructions themselves (online in CASCADE, per file transfer, IBM Websphere MQ or SWIFT MT540); for passive matchers CASCADE automatically generates the matching instructions.

Matching criteria

The same matching criteria apply for DvP instructions (except for the counter value), that is:

OeKB matching criteria	
Security transfer free of payment(D-FoP)	**Matching instruction (R-FoP)**
Bank to be debited	Bank to be debited
Bank to be credited	Bank to be credited
ISIN	ISIN
Nominals	Nominals
Settlement Day	Settlement Day
Trade day	Trade day
Receiver's custodian: KTO/ACC nnnnnn = OeKB account number	Deliverer's custodian: KTO/ACC nnnnnn = OeKB account number

Reservation and settlement process

With the introduction of the FoP matching, securities delivered to the Austrian market are first reserved on the sub-account XXXX 995 of the CBF customer and then delivered onwards to the account of OeKB (7220) upon receipt of the settlement confirmation from the Austrian market (in line with the settlement process for DVP-deliveries).

No reservation occurs on the reservation account 7220 995 of OeKB of the CBF customer for securities from the Austrian market. Once OeKB confirms the settlement of the certificates, they are credited from the OeKB account 7220 000 to the seven-digit account XXXX ### of the CBF customer.

These book entries are displayed in the clearing & settlement statement (MT536) and online via KVDU (sales display).

5.1.3 Deadline extension for instructions

FoP instructions (free of payment) can be placed online in CASCADE until 17:45 (previously 17:00) on settlement date and DvP instructions (delivery versus payment) can be entered until 15:45 (previously 15:30).

Instructions per file transfer, IBM Websphere MQ and SWIFT must in each case be transmitted to CASCADE 15 minutes earlier.

Same-day settlement is guaranteed if these deadlines are observed. Instructions which are entered later can be processed on the same day on a "best effort" basis.

5.1.4 Recycling of pending instructions

Instructions (FoP and DvP) that could not be settled on settlement date, were previously cancelled automatically at the end of the day and had to be re-entered for the next day. In future, these instructions will no longer be cancelled, but will instead be used again for settlement for the following settlement day.

Pending transactions are automatically cancelled on the Austrian market and CASCADE after 20 business days.

The following special features may apply due to carrying forward of pending transactions:

- Sales (DvP): If securities are reserved on your sub account 995 without the transaction having been processed by the end of the day (16:00) in the Austrian market, the securities remain on the reservation sub-account 995 overnight. There is no longer a retransfer to your main account. The reservation of the securities remains reserved until confirmation of the settlement from the Austrian market. Holdings on sub account 995 are displayed via the existing reporting (MT535, online via KVBA).
- Purchases (RvP): It may also happen that the countervalue has already been debited on TARGET2 side for purchases (according to the TARGET2 procedure 2), while the transaction has not been settled in the Austrian market by the end of the day. In such cases, the countervalue is credited to the CBF customer on a new sub account (nnnn 269) which is opened especially for this purpose at the end of the settlement deadline (approximately 16:00). The credit remains on the sub account over night. The balance of the sub account is displayed on the daily cash statement for the following business day only because the credit is only effected after 16:00, while the daily cash statements for the current day are already forwarded around 15:00. The CBF sub accounts 269 are automatically opened by CBF for all CBF accounts which are currently registered for the RTS cash settlement according to the TARGET2 procedure 2.

We herewith remind all customers who participate in the RTS-DvP settlement to sign the enclosed declaration of consent("Declaration of Consent for participation in the cash settlement via TARGET2 for transactions on the Austrian market") as a legally binding document and return it by

12 November 2010

to the address specified therein.

If said declaration of consent is not made available to us and a case arises where t it is not possible to settle a purchase transaction on the settlement day, we assume that the affected customer consents to the cash being kept on the sub account 269 until the final settlement or cancellation of the transaction.

5.1.5 Impacts on custody services due to instructions carried forward

End of the day positions on reservation accounts XXXX 995 are accounted for in processing custody events.

Income Events

Payments for the following income events will be credited to the main account XXXX 000 of the customer for securities reserved on sub account XXXX 995. The reserved securities remain on account XXXX 995 and the corresponding open FoP instructions remain unchanged.

- Interest payment (event type 110 and 111)
- Annuities interest (event type 112)
- Dividend payment (event type 120)
- Distributions of funds (event type 121)
- Event types 122 and 123 are missing
- Other distributions (event type 125)
- Distribution for participation rights (event type 126)
- Partial maturity (event type 140 and 141)

Redemptions (KADI event types 13x) are settled upon maturity in the same manner; however, the respective securities on the reservation account XXXX 995 are booked out and the corresponding open instructions are cancelled.

Non Income Events

The non-income events include:

- Event types 21x - Allocation of subscription rights, spin-off, stock split, issue of bonus shares or partial rights, stock/optional dividends, detachment of warrants (event types 21x):
  These corporate actions are settled on the main account XXXX 000. Positions on the reservation account XXXX 995 are considered, but not changed. The same applies for the related instruction.
- (Event types 22x) - write-offs (event types 22x):
  The reservation account XXXX 995 is debited with the securities, the securities are then credited to the main account XXXX 000 and booked to the CBF settlement account. The cancellation of such reservation and deletion of the related instruction only occurs at the instruction of the market in question (in this case Austria).
- (event types 23x) - Reclassification, share conversion, capital reduction, merger, pari-passu, change to the face value/number of securities, reverse share split, redenomination (event types 23x): Settlement occurs in accordance with the settlement for the event types 22x. In the current case, the securities are returned from the CBF settlement account to the main account XXXX 000.

With respect to the custody services, please also bear in mind the changes which are implemented in the scope of introducing the Giovannini Barrier 3 standards with the release on 22 November 2010.

5.1.6 Introduction of the "Bilateral Cancellation" principle

All matched transactions can only be deleted on the Austrian market if both counterparties (on the OeKB and CBF sides) cancel their respective instruction ("bilateral cancellation" principle). Please note that the bilateral cancellation principle is applied once the instructions are matched.

If one counterparty from the Austrian market requests the cancellation of a matched instruction, the cancellation request is forwarded to the CBF counterparty via MT548 (IPRC//CPRC). You then have the possibility of also cancelling your instruction (online in CASCADE by means of return reservation – KVAM RM, via file transfer, IBM Websphere MQ or SWIFT MT54x CANC) to delete the transaction.

If you request the deletion of your instruction first (via MT54x or return matching KVAM_RM), the cancellation request is forwarded to the Austrian market. If the deletion is confirmed by the counterparty, both instructions - in the Austrian market and in CASCADE - are automatically cancelled.

Note:

If a cancellation request or a cancellation instruction from one party is not confirmed by the counterparty, both instructions remain in place as matched in the respective systems, that is, no change is made to the status "matched". The transaction can continue to be settled despite the cancellation request from one party.

You can, however, prevent the settlement of the transaction if you block your instruction in CASCADE before reaching the settlement day. If there is no unblocking, both instructions are automatically cancelled after 20 days.

If an instruction does not yet have the status "matched", it can be cancelled unilaterally by the respective party. For CBF customers this means that the cancellation request (online in CASCADE by means of return reservation – KVAM RM, via file transfer, IBM Websphere MQ or SWIFT MT54x CANC) is then forwarded to the Austrian market. Once cancellation has been confirmed, the instruction is ultimately cancelled in CASCADE.

5.1.7 Settlement of Austrian stock exchange transactions

In future you will be in a position to settle stock exchange transactions in Austrian securities in addition to OTC transactions via CBF. This applies to securities traded and cleared with the following parties:

- Vienna stock exchange (clearing via CCP.A);
- Chi-X (clearing via EMCF);
- Xetra® International Market (clearing via Eurex Clearing).

For additional information about this new service offering please contact your Relationship Officer.

5.2 Switzerland

5.2.1 Enhanced settlement of Swiss stock exchange transactions

Since June, we have been offering settlement via CBF for transactions traded on the SIX Swiss Exchange and cleared via SIX x-clear. In November, we are going to offer an enhancement to this service for transactions in Swiss securities traded and cleared with the following parties:

- SIX Swiss Exchange (clearing via LCH.Clearnet Ltd);
- Chi-X (clearing via EMCF);
- Xetra® International Market (clearing via Eurex Clearing).

For additional information about this new service offering please contact your Relationship Officer.

5.3 France, the Netherlands and Belgium

5.3.1 Overview

The following changes are introduced as mandatory for customers, who are active in at least one of the markets:

- **FoP matching**
  Starting from 22 November 2010, a matching instruction becomes mandatory for cross border deliveries free of payment (D-FoP) when the home market of the securities is France, the Netherlands or Belgium, in accordance with market practice. For this reason, a receipt instruction (R-FoP) must be issued for the receipt of such securities in the future. As a result, faulty and return deliveries can be avoided to a broad extent. In general,as far as matching criteria, the optional pre-advice process and the processing of compensations in the context of custody payments is concerned, CBF will follow harmonised market standards. The receipt instruction is automatically generated for deliveries requiring matching from the three markets once an account has been set up for passive matching.
- **FoP instructions without matching**
  On the markets France, the Netherlands and Belgium, there is also the possibility of settling deliveries free of payment without matching. For this, the delivery instructions must be flagged accordingly with when entering it into CASCADE. Please note that this alternative is only possible for cross-border deliveries of securities from these three domestic markets.
- **Bilateral Cancellation**
  All matched transactions can only be deleted in the three markets as from settlement date if both counterparties cancel their respective instruction.
- **Recycling of pending instructions**
  FoP instructions, where matching is required, are carried forward over a period of 10 business days to the next settlement processing if they have the status "matched", and they are carried forward to the next settlement process up to 35 business days in the event that they have not yet been matched. FoP instructions where matching is not required are not carried forward on these markets. Once the respective deadline has passed, the instructions are cancelled once confirmation from the domestic market has been received.
- **Reservation**
  The existing reservation process of CBF via the sub account XXXX 995 is used for delivery of securities into the three markets.

5.3.2 Introduction of FoP matching

Entering the instruction into CASCADE

D-FoP instructions requiring matching will continue to be entered in CASCADE - as is presently the case - with a

- Delivery free of payment (D-FoP with matching), instruction type (AA) 01 or a
- message type (MT) 542 (delivery free of payment with matching).

Active matchers also confirm the receipt of securities' deliveries requiring matching in CASCADE as is presently the case with a

- match instruction (R-FoP), instruction type (AA) 02 or
- message type (MT) 540 (R-FoP), (receive free of payment)

All other CASCADE instruction types are not affected.

Important for entering instructions:

- The CBF service 'active and passive matching' is also used for cross-border deliveries requiring matching for securities where the home market is France, the Netherlands or Belgium. Customers, who have chosen 'active matching' functionality at account level must enter a receipt instruction/R-FoP instruction, either online or per remote data transfer with a MT540, when they receive securities. If this receipt instruction is rejected by Euroclear ESES, CBF informs the active matcher per remote data transfer (MT548 - RJT/NARR in case the message type was ordered). Information about instructions entered by a counterparty is provided by means of SWIFT via MT578 (settlement allegment), via CASCADE and via the CASCADE daily lists.
  For customers, who have chosen the favour of passive matching functionality, CBF generates the R-FoP instructions immediately after a D-FoP instruction was entered successfully against the CBF account of the customer in CASCADE.
- FoP transactions can be instructed in CASCADE with a settlement date of up to 35 business days in the future, but also with a retroactive settlement day.
- If a CBF account not requiring matching is addressed by a counterparty from the Euroclear ESES platform via a D-FoP or R-FoP instruction, these instructions cannot settled automatically on the CBF side. In such a case, CBF will contact the respective market for the purpose of clarification.
- The CBF service 'Direct Matching' cannot be used for the settlement of FoP transactions with the three markets as the Euroclear ESES platform does not support this service.
- Tripartity transactions, that is OTC transactions, which CBF customers process via the Euroclear ESES platform with a counterparty in a third-party central depository (in this case, either Monte Titoli, Iberclear or APK), must be sent via a SWIFT message MT599 Free Format Message to CBF (DAKVDEFFXDOM) , indicating that the instruction data is to be forwarded to the attention of OCB Cross Border Unit.
  Same-day processing can only be guaranteed by CBF if such instruction is submitted by 13:00. The settlement results from these FoP transactions are integrated in the existing CASCADE reporting (as instruction type (AA) 99).

Matching criteria

Matching criteria are specified by the respective domestic markets of the securities. The following table provides an overview of the matching criteria, which were standardised for the three markets on the Euroclear ESES platform in June 2010. These matching criteria are binding for the settlement of securities where the home market is France, the Netherlands and Belgium and for counterparties in these markets..

Euroclear ESES matching criteria	
Delivery free of payment (D-FoP)	**Receipt instruction (R-FoP)**
Debit account	Debit account
Credit account	Credit account
ISIN	ISIN
Nominals	Nominals
Settlement Day	Settlement Day
Trade day	Trade day
Reference number (reference de clientele): see Optional matching criterion: 'Beneficiary details (client reference)' on page 5-7 Receiver's custodian: ACC XXXXXXXXXXX = ESES institution code	Reference number (reference de clientele): see Optional matching criterion: 'Beneficiary details (client reference)' on page 5-7 Deliverer's custodian: ACC XXXXXXXXXXX = ESES institution code

Euroclear ESES matching criteria	
Delivery free of payment (D-FoP)	**Receipt instruction (R-FoP)**
Final beneficiary: MSC NONREF	Original principal: MSC NONREF
Text: Final beneficiary data: (account number and name)	

Optional matching criterion: 'Beneficiary details (client reference)'

In addition to the matching criteria specified, which must be entered in the D-FoP and R-FoP instruction (see table further up), there is also an optional matching criterion 'beneficiary details' in these three markets. These beneficiary details become mandatory for matching if they are specified by both counterparties in the D-FoP and R-FoP instruction. In such a case, the contents of the 'beneficiary details' must match. Customers may freely define the contents of this reference. For this reason, no further functional checks may be performed and it is urgently recommended to preagree the content with the counterparty in advance. The reference number is transferred to the CBF customers (if the message type has been ordered) in the MT578 (settlement allegment) and in the MT537 (statement of pending transactions) in tag field :20C::COMM. CBF customers are then able to enter instructions accordingly either online in CASCADE in the field reference number or per remote data transfer using MT54x and the TAGfield :20C::COMM.

Exception:

The field ´beneficiary details´ becomes a mandatory matching criterion if Euroclear Bank (CBF account 7204 and ESES Konto 611) or one of its customers is the counterparty on the Euroclear ESES platform. If the CBF customer delivers securities to a customer of Euroclear Bank, matching occurs on the basis of the customer account specifications (/EOC/nnnnn/) with Euroclear Bank. Therefore, the matching field 'beneficiary details' becomes mandatory in such case.

'Bilateral Cancellation principle'

France, the Netherlands are binding markets that is, released instructions requiring matching and that have the status "matched" can only be cancelled as from ISD (intended settlement day) if both parties agree (bilateral cancellation).

Released and matched cross-border transactions between CBF customers and counterparties on one of these markets, as from ISD can only be cancelled if both counterparties instruct their respective domestic market to cancel their instructions. Cancellation by only one of the two counterparties is no longer possible. In all other cases – that is, for example in the event of a matched, but (still) blocked FoP transaction – cancellation by one of the two counterparties can be performed independently from the ISD. Cancellation by one of the parties before the ISD is therefore possible in all cases. Such FoP instruction can be cancelled – as is presently the case – either via the CASCADE online function KVAM/RM (return matching) or with a MT542 CANC.

For CBF customers, the bilateral cancellation is an exception and is only necessary if they expect securities from a Euroclear ESES counterparty and said counterparty intends to cancel its respective D-FoP instruction. If this is the case, CBF will inform the respective customer and also ask that a cancellation request be sent to CBF using a MT599 for forwarding to the Euroclear ESES platform. Following successful cancellation of the FoP transactions on the Euroclear ESES platform and respective confirmation to CBF, the corresponding D-FoP and R-FoP instructions in CASCADE will also be cancelled. CBF customers are informed via CASCADE reporting (MT548 (if the message has been ordered) and/or online (=KVAI/HA).

Reservation process and settlement processing

If a CBF customer delivers securities free of payment and with matching to a Euroclear ESES counterparty, these securities are initially reserved on the reservation account XXXX 995. Once the respective Euroclear ESES market has confirmed the settlement of these securities, they are transferred from the reservation account XXXX 995 to the respective seven-digit CBF account YYYY 000 of the Euroclear ESES market (7205 for Euroclear France, 7214 for Euroclear Netherlands and 7223 for Euroclear Belgium).

No reservation occurs on the reservation account YYYY 995 of the Euroclear ESES markets for securities deliveries from the Euroclear ESES markets. Upon settlement confirmation from the Euroclear ESES market in question, the securities are transferred from the respective account of the Euroclear ESES market YYYY 000 to the seven-digit account XXXX ### of the CBF customer.

These bookings are displayed in the clearing & settlement statement (MT536) and online via KVDU (booked movements display).

Recycling of pending FoP instructions

FoP transactions that require matching which cannot be successfully settled by the end of day-time processing are carried forward to night-time processing. FoP transactions that require matching which cannot be settled during night-time processing are carried forward to next day-time processing. Cancellation of matched instructions in CASCADE occurs automatically and once confirmation from the domestic market has been received after 10 business day. Unmatched FoP instructions are deleted automatically after 35 business days once confirmation from the domestic market has been received.

Reporting

R-FoP instructions are integrated in the existing CASCADE reporting (e. g., CASCADE day list, clearing&settlement statement (MT536)).

5.3.3 FoP securities deliveries without matching

In addition to delivery instructions requiring matching, France, the Netherlands and Belgium offer the possibility of a delivery instruction not requiring matching.

Entering the instruction into CASCADE

An instruction for the securities deliveries for FoP transactions without matching with a counterparty on the Euroclear ESES platform in French, Dutch or Belgian securities must be flagged as not requiring matching.

Security deliveries in CASCADE are entered with a

- securities transfer free of payment (D-FoP without matching), order type (AA) 01 or
- a message type (MT) 542 (delivery free of payment without matching)

and are flagged as not requiring matching as follows:

- in CASCADE online in the field 'Übertragungsgrund' (UEB-Grund - transfer reason) with the attribute 200 'ESES FoP ohne Matching [ESES FoP without matching]' (also see the following CASCADE online screen).
- per remote data transfer in the MT542 deliver free of payment without matching with the qualifier ::STCO//DLWM (delivery without matching)
  or
  Narrative field :70E::DECL///SETR 200 (for UEB-Grund)

```
TRAN: KVEE FC: WE SB:

 AUFTRAGSABWICKLUNG        WP-UEBERTRAG / FOLGEERFASSUNG        ERFASSUNGSSTATUS

 PRIMANOTE:                    AUFTNR:        10        WKN: I DE0005151005

 BEGUENSTIGTE DEPOTBANK: BLZ _______________

 ENDBEGUENSTIGTER       : KTO _______________
 NAME / ADRESSE: ______________________________________________________________
 ______________________________________________________________________________
 AUFTRAGGEB. DEPOTBANK : ___ _______________

 ORIG-AUFTRAGGEBER      : ___ _______________
 NAME / ADRESSE: ______________________________________________________________
 ______________________________________________________________________________

 UEB-GRUND      : 200  ESES FOP OHNE MATCHING
 BELEGSCHAFT SP: N   SP-DATUM : __________   KUPONINFO/RECORD-DATE: __________
 TEXT   : ____________________________________________________________________

 -- ID-KZ: 7907260001 -- PW:          ------ B79074E4 -- 27/02/09 -- 10:24:06 --
 KV0029F Bitte hell angezeigtes, leeres Feld ergänzen
 PF3:Verarbeitung  PF4:Abbruch  PF7:Zurück
```

Figure 5.1 Page 2 of the CASCADE online screen 'Erfassung eines WP-Übertrages [Entry of a D-FoP instruction]' (KVEE/WE)

Please bear in mind that the option of a delivery instruction not requiring matching is only possible in connection with deliveries to counterparties in the Euroclear ESES markets. Such deliveries between CBF counterparties continue to require matching. In general, matching is required for securities when the domestic market is Germany.

Important for issuing instructions:

- Only the UEB reason '200' and the qualifier 'DLWM' mark a securities delivery as not requiring matching . All other attributes (e. g., 601 – no allocation) mark the securities delivery as requiring matching. If neither the UEB reason nor the DLWM qualifier are sent, then the UEB reason is set with the attribute 601 for FoP with matching.
- If both the qualifier and the narrative field are sent, then the content of the narrative field overwrites the content of the qualifier. That is, if the narrative field does not contain the attribute 200, the D-FoP instruction is flagged as requiring matching.
- The UEB reason 200 (ESES FoP without matching) can only be used in connection with FoP transactions with counterparties from France, the Netherlands and Belgium. If the attribute 200 is used for deliveries with counterparties in other markets or with counterparties within CBF, the instruction will be rejected (= UEB-GRUND 200 NUR FUER ESES MAERKTE ERLAUBT/ UEB-REASON 200 ONLY PERMITTED FOR ESES MARKETS).

Reservation and settlement process

If CBF customers receive securities via the Euroclear ESES platform, the reservation account of the respective market, in this case either 7205 995 (Euroclear France) or 7214 995 (Euroclear the Netherlands) or 7223 995 (Euroclear Belgium), will not be shown as the debit account in the clearing & settlement statement (MT536) and online via KVDU (turnover screen), but instead the respective seven-digit account, that is, either 7205 000, 7214 000 or 7223 000 will be displayed.

Reporting/Connectivity

In the CASCADE online screen for the movements (KVDU/ID), the field 'UEB-GRUND' (UEB reason) is filled with the attribute 200.

5.3.4 Timings

<table>
<tr><th>Timeframe</th><th>FoP transactions with matching</th><th>FoP transactions without matching</th></tr>
<tr><td>From 01:30</td><td colspan="2">Submission of FoP instructions with same-day value (S) or later value (S+n)</td></tr>
<tr><td>5:00</td><td colspan="2">Start of CASCADE online</td></tr>
<tr><td>until 15:45</td><td colspan="2">Guaranteed settlement of FoP instructions with same-day value (S) or later value (S+n)</td></tr>
<tr><td rowspan="2">16:00 - 19:00 [a]</td><td colspan="2">New entry of instructions for future value dates (S+n)</td></tr>
<tr><td>Automatic recycling of pending instructions into night-time processing</td><td></td></tr>
<tr><td>19:00</td><td colspan="2">End of CASCADE online</td></tr>
<tr><td>19:00</td><td>Start of night-time processing including FoP instructions with matching</td><td></td></tr>
<tr><td>from 20:30 - 22:00</td><td>Start of NTP settlement processing on the Euroclear ESES platform</td><td></td></tr>
<tr><td>from 01:30</td><td colspan="2">Feedback from the Euroclear ESES platform to CBF and settlement in CASCADE:
• Settlement results
• Cancellation of pending instructions, whose lifecycle has expired.</td></tr>
</table>

a. Settling of instructions is guaranteed until 18:45 for instructions that were sent to CASCADE per remote data transfer.

5.3.5 Effects on custody services due to the instructions carried forward

As pending FoP transactions requiring matching can be carried forward on the reservation account XXXX 995 up to 10 business days, corporate actions on the underlying securities may occur during this time frame. They will be considerd for the custody services.

The treatment of income events and non income events (corporate actions) is described in Chapter Impacts on custody services due to instructions carried forward on page 5-2.

With respect to the custody services, please also take note of the changes, which result from the introduction of Giovannini Barrier 3 standards with the release on 22 November 2010. Corresponding detailed information is published on the Clearstream web site www.clearstream.com under Publications & Downloads/CASCADE Market Guide/Giovannini Barrier 3.

5.4 Next steps

You will receive additional information in due time, e.g., concerning the treatment of pending instructions, during the cutover weekend, in our publication containing the final notes on the introductory weekend.

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Annex

Declaration of Consent for participation in the cash settlement via TARGET2 for transactions on the Austrian market

Clearstream Banking AG
Cash Payment & Account Administration
CSC Account Administration (OSM)

Neue Börsenstraße 1

60487 Frankfurt am Main

Sender: *(Name and registered office of the CBF account holder)*

We wish to settle securities transactions, for which the securities are held in the Austrian market via the Österreichische Kontrollbank (OeKB), with counterparties in the Austrian market via our CBF account __ __ __ __ .

To this end, the above-mentioned CBF account has already been admitted for cash settlement in the scope of real-time settlement processing (RTS) in accordance with TARGET2 ASI procedure 2.

We also give our consent that any EUR amounts from unsettled purchases vis-à-vis counterparties in the Austrian market (via the Österreichische Kontrollbank, OeKB) be transferred automatically from the RTS processing of the current settlement day to the RTS processing of the following business day (next value day) via the Österreichische Kontrollbank (OeKB) and therefore be credited overnight to the

sub account __ __ __ __ 269

which was opened especially for this purpose.

Date	Name / signature 1 of the CBF account holder*	Date	Name / signature 2 of the CBF account holder*

* Note: Signatures must be available at CBF.

10/2010

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