e u r e x *information*

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Authorized by: Jens Hachmeister

CCP Release 1.5 – Functional Release Notes

Related Eurex Circulars: 103/03, 117/03
Contact: Customer Support: +49-69-211-1 17 00

Content may be most important for:	**Attachments:**
➲ Front Office/Trading ➲ Middle/Back Office ➲ IT / System Administrators	CCP Release 1.5 – Functional Release Notes

As a summary to the information published in Eurex circulars 103/03 and 117/03, please find attached the Functional Release Notes for CCP Release 1.5. The document can also be downloaded from our web site:

"www.eurexchange.com > member section > documentation/manuals CCP > functional manuals"

Please note the following:

In circular 117/03, the field descriptions for report CD250 "Settled Cash Transactions" wrongly defined the field "Settlement Account" as "Branch Settlement Account". The correct definition is "Head Settlement Account" as it is also specified in the attached Functional Release Notes.

Eurex Deutschland
D-60485 Frankfurt am Main
www.eurexchange.com

Eurex Customer Support
Tel. +49-69-211-1 17 00
Fax +49-69-211-1 17 01

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

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CCP Release 1.5

Functional Release Notes

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1 General Information

This document gives an overview to the upcoming enhancements of the CCP functionalities with CCP Release 1.5.

The innovations essentially affect the members' Graphical User Interface (GUI) and several CCP reports. Additionally, CBF's Clearing & Settlement Statement is extended for the CCP members and described here.

Chapter 2 in detail describes the new features and enhancements on the Member GUI.

In chapter 3 the changes of several CCP reports are described on field basis.

Chapter 4 describes the extension of the Clearstream Banking Frankfurt (CBF) Clearing & Settlement Statement (MT536) considered in the next CASCADE-LIMA Release.

Finally, chapter 5 contains appendices for technical operators' information.

2 Member GUI – New Features and Enhancements

The new features and enhancements on the Member GUI cover three areas, that are the validations and error messages, the inquiry of currently processed trades, and the display of settlement amounts.

This innovation affects the VALUES API requests by extending the Valid Values. Therefore a new frontend KIT is not required. The Valid Values respectively the error codes and error messages are specified in the appendix “Technical Details”, chapter 5.1 Validations/Error Messages.

2.1 Validations/Error Messages

In order to increase user-friendliness of the Member GUI, additional validations and the respective error messages will be implemented in the interface for the filter criteria “StlAct” (settlement account), “ClrMbr” (Clearing Member) and “TrdMbr” (Trading Member).

Thus, a successfully executed inquiry, for which no data records are available in the respective table, can be clearly distinguished from an invalid inquiry, for which at least one of the above mentioned selected filter criterion has been not validly specified due to an erroneous syntax or non-existing master data. These will be responded in a clear and user-friendly manner. Besides, the responses to inquiries for which there is not sufficient privilege will be unequivocal.

2.2 Inquiry of Currently Processed Trades

Previous to CCP Release 1.5, for the trades that are currently considered in the settlement netting at the CCP, or in a corporate actions run, or in a batch run at the central securities depository CBF, no inquiry could be performed.

In future, inquiries of such trades will be possible on the Member GUI within the indicated periods. The “Settlement Status (SSt)” of the respective trades will then be marked with “blank”.

2.3 Settlement Amount Display

The “Trade Overview” and “Trade Details” window on the Member GUI show the trade information “Settlement Amount (StlAmt)”. This amount previously has been related to the original quantity of the trade.

With CCP Release 1.5, the settlement amount will be based on the trade’s still pending nominal value on Clearing Member – Customer level and indicated as such in the “Trade Overview” and “Trade Details” window.

3 Report Information Changes

The changes of the CCP report information concern the Settled Cash Transaction Report, Pending Delivery Report and Settled Delivery Report.

3.1 Enhancements of Settled Cash Transactions Report (CD250)

The reporting of cash transactions for Clearing Members and Settlement Institutions has been provided by means of the printable reports RPTCD250 or RPTCD251 Settled Cash Transactions.

With the introduction of CCP Release 1.5, reporting of settled cash transactions for Clearing Members and Settlement Institutions will be available in the form of a newly arranged printable report and additionally as a machine-readable file.

For the field values of RPTCD250 and RAWCD250, please refer to the appendix “Technical Details”, chapter 5.3 Field Values of Settled Cash Transaction Report (CD250).

3.1.1 Re-designed Printable Report RPTCD250

In the newly arranged report layout, for all settled CCP cash transactions it will be indicated when they were generated. Therefore, besides a time stamp recording the creation of cash transactions, a flag will be introduced specifying the respective settlement run.

Hence, the cash transactions resulting from the offsetting blocks are assigned to the settlement run (SDS1, SDS2, STD) in which the cash transactions would be created. Cash transactions that are due for instruction to the LZB (Central Bank) in the SDS1 settlement run of the following business day will be assigned to this SDS1 run and accordingly displayed.

In order to distinguish the respective settlement run and the corresponding value dates of cash transactions, the individual transactions and determined amounts will be summarized per value date and batch run and specified in four separate sections:

1. Cash transactions with value date of the current business day in SDS1
2. Cash transactions with value date of the current business day in SDS2
3. Cash transactions with value date of the following business day in STD
4. Cash transactions with value date of the following business day in SDS1.

An example of the re-designed report layout is given in the following:

```
 0        1         2         3         4         5         6         7         8         9         10        11        12        13
 01234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
01|EUREX                                          SETTLED CASH TRANSACTIONS                                                  PAGE:        2
02|RPTCD250                                                                                                                 AS OF DATE: 18-12-03
03|                                                                                                                          RUN DATE: 18-12-03
04|
05|CLEARING MEMBER:    ABCFR  ABC BANK (DEUTSCHLAND) AG  (1)                                                                  CURRENCY: EUR
06|LZB ACCOUNT:         44556677   (3)                                                                                                (2)
07|VALUE DATE:          18-12-03   (4)      SETTLEMENT RUN:  SDS1 (5)
08|
09|SETTLEMENT   SETTL ACCT EXCH    TRAN      TRAN
10|ACCOUNT      LOC   TYPE MEMBR   DATE      TIME     REF     TYPE      DESCRIPTION              DEBIT            CREDIT
11|------------ ----- ---- ------ -------- -------- --------- ------ ------------------------ ---------------- ----------------
     (6)       (7)   (8)  (9)      (10)     (11)      (12)     (13)       (14)                          (15)             (16)
12|22220000      CBF   PP  ABCBK  18-12-03 09:01:22 000000004   472  CASH OFFSET SHR RCV                0.00           103.55
13|22220000      CBF   PP  ABCBK  18-12-03 09:01:31 000000011   472  CASH OFFSET SHR RCV                0.00            72.00
14|22220000      CBF   PP  ABCBK  18-12-03 09:01:36 000000013   472  CASH OFFSET SHR RCV                0.00           461.00
15|22220000      CBF   PP  ABCBK  18-12-03 09:01:39 000000058   472  CASH OFFSET SHR RCV                0.00            13.40
16|22220000      CBF   PP  ABCBK  18-12-03 09:01:41 000000062   472  CASH OFFSET SHR RCV                0.00         1,288.32
17|22220000      CBF   PP  ABCBK  18-12-03 09:01:58 000000064   472  CASH OFFSET SHR RCV                0.00         2,187.10
18|
19|                                                TOTAL FOR TRANSACTION TYPE:                          0.00         4,125.37
20|                                                                                                 ---------------- ----------------
21|
22|22220000      CBF   PP  ABCBK  18-12-03 09:02:31 000000366   474  CASH OFFSET SHR PAID           2,877.18            0.00
23|22220000      CBF   PP  ABCBK  18-12-03 09:02:32 000000367   474  CASH OFFSET SHR PAID             244.00            0.00
24|
25|                                                TOTAL FOR TRANSACTION TYPE:                      3,121.18            0.00
26|                                                                                                 ---------------- ----------------
27|                                                TOTAL FOR EXCHANGE MEMBER:                       3,121.18         4,125.37
28|                                                                                                 ---------------- ----------------
29|                                                TOTAL FOR TRADING ACCOUNT:                       3,121.18         4,125.37
30|                                                                                                 ---------------- ----------------
31|                                                TOTAL FOR SETTLEMENT ACCOUNT:                    3,121.18         4,125.37
32|                                                                                                 ---------------- ----------------
33|                                                TOTAL FOR BANK ACCOUNT:                          3,121.18         4,125.37
34|                                                                                                 ---------------- ----------------
35|                                                TOTAL FOR CLEARING MEMBER:                       3,121.18         4,125.37
01|EUREX                                          SETTLED CASH TRANSACTIONS                                                  PAGE:        3
02|RPTCD250                                                                                                                 AS OF DATE: 18-12-03
03|                                                                                                                          RUN DATE: 18-12-03
04|
05|CLEARING MEMBER:    ABCFR  ABC BANK (DEUTSCHLAND) AG                                                                       CURRENCY: EUR
06|LZB ACCOUNT:         44556677
07|VALUE DATE:          18-12-03            SETTLEMENT RUN:  SDS2
08|
09|SETTLEMENT   SETTL ACCT EXCH    TRAN      TRAN
10|ACCOUNT      LOC   TYPE MEMBR   DATE      TIME     REF     TYPE      DESCRIPTION              DEBIT            CREDIT
11|------------ ----- ---- ------ -------- -------- --------- ------ ------------------------ ---------------- ----------------
12|22220000      CBF   PP  ABCBK  18-12-03 12:23:22 000001022   472  CASH OFFSET SHR RCV                0.00           466.00
13|22220000      CBF   PP  ABCBK  18-12-03 12:23:31 000001036   472  CASH OFFSET SHR RCV                0.00           372.00
14|22220000      CBF   PP  ABCBK  18-12-03 12:24:58 000001042   472  CASH OFFSET SHR RCV                0.00         1,055.10
15|
16|                                                TOTAL FOR TRANSACTION TYPE:                          0.00         1,893.10
17|                                                                                                 ---------------- ----------------
18|
19|22220000      CBF   PP  ABCBK  18-12-03 12:25:31 000001101   474  CASH OFFSET SHR PAID           1,210.33            0.00
20|22220000      CBF   PP  ABCBK  18-12-03 12:25:31 000001139   474  CASH OFFSET SHR PAID           5,661.00            0.00
21|
22|                                                TOTAL FOR TRANSACTION TYPE:                      6,871.33            0.00
23|                                                                                                 ---------------- ----------------
24|                                                TOTAL FOR EXCHANGE MEMBER:                       6,871.33         1,893.10
25|                                                                                                 ---------------- ----------------
26|                                                TOTAL FOR TRADING ACCOUNT:                       6,871.33         1,893.10
27|                                                                                                 ---------------- ----------------
28|                                                TOTAL FOR SETTLEMENT ACCOUNT:                    6,871.33         1,893.10
29|                                                                                                 ---------------- ----------------
30|                                                TOTAL FOR BANK ACCOUNT:                          6,871.33         1,893.10
31|                                                                                                 ---------------- ----------------
32|                                                TOTAL FOR CLEARING MEMBER:                       6,871.33         1,893.10
…
```

```
01|EUREX                                        SETTLED CASH TRANSACTIONS                                        PAGE:        4
02|RPTCD250                                                                                                  AS OF DATE: 18-12-03
03|                                                                                                           RUN DATE: 18-12-03
04|
05|CLEARING MEMBER:    ABCFR  ABC BANK (DEUTSCHLAND) AG                                                        CURRENCY: EUR
06|LZB ACCOUNT:        44556677
07|VALUE DATE:         19-12-03            SETTLEMENT RUN:  STD
08|
09|SETTLEMENT   SETTL ACCT EXCH    TRAN      TRAN
10|ACCOUNT      LOC   TYPE MEMBR   DATE      TIME     REF     TYPE      DESCRIPTION              DEBIT           CREDIT
11|------------ ----- ---- ------ -------- -------- --------- ------ ------------------------ ---------------- ----------------
12|22220000      CBF   PP  ABCBK  18-12-03 18:03:12 000022311   472  CASH OFFSET SHR RCV              0.00           66.00
13|22220000      CBF   PP  ABCBK  18-12-03 18:03:27 000022376   472  CASH OFFSET SHR RCV              0.00        1,372.00
14|22220000      CBF   PP  ABCBK  18-12-03 18:04:48 000022442   472  CASH OFFSET SHR RCV              0.00           55.10
15|
16|                                          TOTAL FOR TRANSACTION TYPE:                              0.00        1,493.10
17|                                                                                                ---------------- ----------------
18|
19|22220000      CBF   PP  ABCBK  18-12-03 18:05:11 000022501   474  CASH OFFSET SHR PAID           210.00           0.00
20|22220000      CBF   PP  ABCBK  18-12-03 18:05:59 000022505   474  CASH OFFSET SHR PAID         1,068.00           0.00
21|
22|                                          TOTAL FOR TRANSACTION TYPE:                          1,278.00           0.00
23|                                                                                                ---------------- ----------------
24|                                          TOTAL FOR EXCHANGE MEMBER:                           1,278.00        1,493.10
25|                                                                                                ---------------- ----------------
26|                                          TOTAL FOR TRADING ACCOUNT:                           1,278.00        1,493.10
27|                                                                                                ---------------- ----------------
28|                                          TOTAL FOR SETTLEMENT ACCOUNT:                        1,278.00        1,493.10
29|                                                                                                ---------------- ----------------
30|                                          TOTAL FOR BANK ACCOUNT:                              1,278.00        1,493.10
31|                                                                                                ---------------- ----------------
32|                                          TOTAL FOR CLEARING MEMBER:                           1,278.00        1,493.10
…
01|EUREX                                        SETTLED CASH TRANSACTIONS                                        PAGE:        4
02|RPTCD250                                                                                                  AS OF DATE: 18-12-03
03|                                                                                                           RUN DATE: 18-12-03
04|
05|CLEARING MEMBER:    ABCFR  ABC BANK (DEUTSCHLAND) AG                                                        CURRENCY: EUR
06|LZB ACCOUNT:        44556677
07|VALUE DATE:         19-12-03            SETTLEMENT RUN:  SDS1
08|
09|SETTLEMENT   SETTL ACCT EXCH    TRAN      TRAN
10|ACCOUNT      LOC   TYPE MEMBR   DATE      TIME     REF     TYPE      DESCRIPTION              DEBIT           CREDIT
11|------------ ----- ---- ------ -------- -------- --------- ------ ------------------------ ---------------- ----------------
12|22220000      CBF   PP  ABCBK  18-12-03 15: 22:18 000001066   450  BUY IN CASH AMT PAID         4,300.00           0.00
15|
16|                                          TOTAL FOR TRANSACTION TYPE:                          4,300.00           0.00
17|                                                                                                ---------------- ----------------
24|                                          TOTAL FOR EXCHANGE MEMBER:                           4,300.00           0.00
25|                                                                                                ---------------- ----------------
26|                                          TOTAL FOR TRADING ACCOUNT:                           4,300.00           0.00
27|                                                                                                ---------------- ----------------
28|                                          TOTAL FOR SETTLEMENT ACCOUNT:                        4,300.00           0.00
29|                                                                                                ---------------- ----------------
30|                                          TOTAL FOR BANK ACCOUNT:                              4,300.00           0.00
31|                                                                                                ---------------- ----------------
32|                                          TOTAL FOR CLEARING MEMBER:                           4,300.00           0.00
```

3.1.2 New: Raw Data File RAWCD250

With CCP Release 1.5, a raw data file RAWCD250 or RAWCD251 will newly be provided. As regards content and availability, it will correspond to the re-designed printable report. On the other hand, totals or calculations will not be produced by or contained in the raw data report.

The time stamp and the assigned batch run will be added to every single cash transaction data record. Each data set entry contains at first the header information followed by the respective data fields.

The raw data file is based on the standard ASCII raw data format and will be available on the MISSes.

3.1.3 Impact on Historical Settled Cash Transaction Report (CD250) Selection

Due to these modifications, after the start of production, it will no longer be possible to request historical reports RPTCD250 or RPTCD251 via the “Report Selection” window on the Member GUI for the business days before December 8, 2003.

3.2 Cash Reference in Settled Delivery Report (CE270)

For trades which could be offset partially or fully in the batch run, and the settlement of which is due for payment, a respective “Cash Reference” will be indicated in the report RPT/RAWCE270 Settled Delivery Report. Thus, a clear assignment to the settlement cash transactions is possible, which are listed in the respectively latest RPT/RAWCD250 Settled Cash Transaction Report.

The data type of the cash reference field is defined as a numeric field with 9 digits.

This applies to all reports in this concern, i.e., for Clearing Members, Settlement Institutions and Trading Members.

3.2.1 Printable Report RPTCE270

In the printable report the field “Cash Reference” is filled with the cash transaction reference number of the corresponding cash transaction created for the offsetting block.

Therefore, this new field is only displayed in the two respective sections ”OFF-SETTING POSITION INFORMATION – SETTLEMENT ON LEVEL CCP - CLEARING MEMBER AND CLEARING MEMBER - CUSTOMER” and ”OFF-SETTING POSITION INFORMATION – SETTLEMENT ON LEVEL CCP - CLEARING MEMBER ONLY”.

An example of the amended report layout is given in the following:

```
  0        1        2        3        4        5        6        7        8        9        10       11       12       13
  01234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
01|EUREX                                          SETTLED DELIVERY REPORT                                                  PAGE:        1
02|RPTCE270                                                                                                              AS OF DATE: 16-11-00
03|                                                                                                                       RUN DATE: 16-11-00
04|SETTLEMENT ACCT:      12345678     (1)          SETTLEMENT LOCATION:   CBF (2)              SETTLEMENT CYCLE: STD (3)
05|HEAD SETTLEMENT ACCT: 12345678     (4)          HEAD SETTLEMENT LOC:   CBF (5)
06|CLEARING MEMBER:      YABFR (6)                                                            CURRENCY: EUR (7)
07|INSTRUMENT: DRB (8) DRESDNER BANK AG NA O.N. (9)   DE0005350003 (10)                     TYPE: EQUITY (11)
08|ACCOUNT:    PP  (12)                             EXCHANGE MEMBER:       DEFFR (13)
09|
10|INFORMATION LISTED: NET DELIVERY INFORMATION (14)
11|
12|                                                 MEMBER INT    ORD
13|TRAD TRADE    SETTLEM  TRADE         ORDER       ORDER NUMBER / NET                                                CCP-CM  CM-CUST
14|LOC  DATE     DATE     NUMBER        NUMBER        TEXT        TYPE NOMINAL/QUANTITY SETTLEMENT AMOUNT  STATUS   STATUS
15|---- -------- -------- ------- ---------------- ---------------- -  ---------------- ----------------  ------- -------
  |(15) (16)       (17)     (18)     (19)            (20)/(21)    (22)       (23)           (24)          (25)   (26)
16|XFRA 14-11-00 16-11-00 0000002 0000000277163258 0000123456789012  N        4,400.000-       444,400.00   SETTLED SETTLED
17|                                                ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
18|XFRA 13-11-00 15-11-00 0000001 0000000277163257 0000123456789012  N          200.000-        20,300.00   SETTLED SETTLED
19|                                                ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
20|
21|TOTAL QTY/AMT OF NET DELIVERY ID: 7000080 (27)  DELIV QTY:       4,600.000-(28)   DELIV SETTLEM AMT:    464,700.00 (29)
22|
23|XFRA 14-11-00 16-11-00 0000009 0000000277163260 0000123456789012  N        4,400.000-       444,400.00   SETTLED SETTLED
24|                                                ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
25|XFRA 13-11-00 15-11-00 0000012 0000000277163261 0000123456789012  N          200.000-        20,300.00   SETTLED SETTLED
26|                                                ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
27|
28|TOTAL QTY/AMT OF NET DELIVERY ID: 7000081       DELIV QTY:       4,600.000-       DELIV SETTLEM AMT:    464,700.00
29|
30|                                                                                    ----------------
```

```
31|                                          TOTAL AMOUNT PER INFORMATION LISTED:       929,400.00
32|
33|
34|SETTLEMENT ACCT:      12345678                  SETTLEMENT LOCATION:   CBF                  SETTLEMENT CYCLE: STD
35|HEAD SETTLEMENT ACCT: 12345678                  HEAD SETTLEMENT LOC:   CBF
36|CLEARING MEMBER:      YABFR                                                                 CURRENCY: EUR
37|INSTRUMENT: DRB     DRESDNER BANK AG NA O.N.     DE0005350003                             TYPE: EQUITY
38|ACCOUNT:    PP                                    EXCHANGE MEMBER:       DEFFR
39|
40|INFORMATION LISTED: OFF-SETTING POSITION INFORMATION - SETTLEMENT ON LEVEL CLEARING MEMBER - CUSTOMER ONLY
41|
42|                                               MEMBER INT    ORD
43|TRAD TRADE    SETTLEM  TRADE         ORDER       ORDER NUMBER / NET                              CCP-CM  CM-CUST
44|LOC  DATE     DATE     NUMBER       NUMBER         TEXT       TYPE NOMINAL/QUANTITY SETTLEMENT AMOUNT  STATUS   STATUS
45|---- -------- -------- ------- ---------------- ----------------  -  ---------------- -----------------  ------- -------
46|XFRA 14-11-00 16-11-00 0000020 0000000277163291 0000123456789012  N          400.000        40,000.00-  SETTLED SETTLED
47|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
48|XFRA 14-11-00 16-11-00 0000027 0000000277163294 0000123456789012  N          200.000-       20,450.00   SETTLED SETTLED
49|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
50|XFRA 14-11-00 16-11-00 0000029 0000000277163298 0000123456789012  N          200.000-       20,450.00   SETTLED SETTLED
51|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
52|                                                                                    -----------------
53|                                                TOTAL AMOUNT PER INFORMATION LISTED:          900.00
54|
55|
56|SETTLEMENT ACCT:      12345678                  SETTLEMENT LOCATION:   CBF                  SETTLEMENT CYCLE: STD
57|HEAD SETTLEMENT ACCT: 12345678                  HEAD SETTLEMENT LOC:   CBF
58|CLEARING MEMBER:      YABFR                     CASH REFERENCE:        000000087 (30)       CURRENCY: EUR
59|INSTRUMENT: DRB     DRESDNER BANK AG NA O.N.     DE0005350003                             TYPE: EQUITY
60|ACCOUNT:    PP                                    EXCHANGE MEMBER:       DEFFR
61|
62|INFORMATION LISTED: OFF-SETTING POSITION INFORMATION -SETTLEMENT ON LEVEL CCP - CLEARING MEMBER AND CLEARING MEMBER - CUSTOMER
63|
64|                                               MEMBER INT    ORD
65|TRAD TRADE    SETTLEM  TRADE         ORDER       ORDER NUMBER / NET                              CCP-CM  CM-CUST
66|LOC  DATE     DATE     NUMBER       NUMBER         TEXT       TYPE NOMINAL/QUANTITY SETTLEMENT AMOUNT  STATUS   STATUS
67|---- -------- -------- ------- ---------------- ----------------  -  ---------------- -----------------  ------- -------
68|XFRA 14-11-00 16-11-00 0000020 0000000277163290 0000123456789012  N          600.000        60,000.00-  SETTLED SETTLED
69|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
70|XFRA 14-11-00 16-11-00 0000027 0000000277163293 0000123456789012  N          300.000-       30,475.00   SETTLED SETTLED
71|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
72|XFRA 14-11-00 16-11-00 0000029 0000000277163297 0000123456789012  N          300.000-       30,475.00   SETTLED SETTLED
73|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
74|                                                                                    -----------------
75|                                                TOTAL AMOUNT PER INFORMATION LISTED:          950.00
76|
77|
78|SETTLEMENT ACCT:      12345678                  SETTLEMENT LOCATION:   CBF                  SETTLEMENT CYCLE: STD
79|HEAD SETTLEMENT ACCT: 12345678                  HEAD SETTLEMENT LOC:   CBF
80|CLEARING MEMBER:      YABFR                     CASH REFERENCE:        000000087            CURRENCY: EUR
81|INSTRUMENT: DRB     DRESDNER BANK AG NA O.N.     DE0005350003                             TYPE: EQUITY
82|ACCOUNT:    PP                                    EXCHANGE MEMBER:       DEFFR
83|
84|INFORMATION LISTED: OFF-SETTING POSITION INFORMATION - SETTLEMENT ON LEVEL CCP - CLEARING MEMBER ONLY
85|
86|                                               MEMBER INT    ORD
87|TRAD TRADE    SETTLEM  TRADE         ORDER       ORDER NUMBER / NET                              CCP-CM  CM-CUST
88|LOC  DATE     DATE     NUMBER       NUMBER         TEXT       TYPE NOMINAL/QUANTITY SETTLEMENT AMOUNT  STATUS   STATUS
89|---- -------- -------- ------- ---------------- ----------------  -  ---------------- -----------------  ------- -------
90|XFRA 13-11-00 15-11-00 0040021 0000000277164490 0000123456789012  N          400.000        40,000.00-  CLOSED  LATE
91|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
92|XFRA 14-11-00 16-11-00 0040022 0000000277164491 0000123456789012  N          200.000-       20,300.00   CLOSED  BLOCKED
93|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
94|XFRA 14-11-00 16-11-00 0040023 0000000277164492 0000123456789012  N          200.000-       20,300.00   CLOSED  BLOCKED
95|                                               ABCDEFGHIJABCDEFGHIJABCDEFGHIJABCDEF
96|                                                                                    -----------------
97|                                                TOTAL AMOUNT PER INFORMATION LISTED:          600.00
98|                                                                                    -----------------
99|                                                TOTAL CASH RELEVANT AMOUNT:                  1550.00
00|
01|
02|SETTLEMENT ACCT:      12345678                  SETTLEMENT LOCATION:   CBF                  SETTLEMENT CYCLE: STD
03|HEAD SETTLEMENT ACCT: 12345678                  HEAD SETTLEMENT LOC:   CBF
04|CLEARING MEMBER:      YABFR                                                                 CURRENCY: EUR
05|INSTRUMENT: DRB     DRESDNER BANK AG NA O.N.     DE0005350003                             TYPE: EQUITY
06|ACCOUNT:    PP                                    EXCHANGE MEMBER:       DEFFR
07
08|INFORMATION LISTED: DELIVERIES MARKED FOR GROSS PROCESSING
09|
```

```
10|                                                MEMBER INT    ORD
11|TRAD TRADE    SETTLEM  TRADE         ORDER       ORDER NUMBER / NET                                  CCP-CM  CM-CUST
12|LOC  DATE     DATE     NUMBER       NUMBER         TEXT        TYPE NOMINAL/QUANTITY SETTLEMENT AMOUNT  STATUS   STATUS
13|---- -------- -------- ------- ---------------- ---------------- -   ---------------- -----------------  ------- -------
14|XFRA 14-11-00 16-11-00 0010021 0000000288163397 0000123456789012  N          600.000         60,000.00-  SETTLED SETTLED
15|DELIVERY ID: 7000110 (20)                      TEXT1
16|XFRA 14-11-00 16-11-00 0010021 0000000288163398 0000123456789012  N          300.000-        30,475.00   SETTLED SETTLED
17|DELIVERY ID: 7000120                           TEXT2
18|XFRA 14-11-00 16-11-00 0010021 0000000288163399 0000123456789012  N          300.000-        30,475.00   SETTLED SETTLED
19|DELIVERY ID: 7000134                           TEXT3
20|                                                                                          -----------------
21|                                                  TOTAL AMOUNT PER INFORMATION LISTED:           950.00
22|                                                                                          -----------------
23|                                                  TOTAL AMOUNT PER EXCHANGE MEMBER   :       932,800.00
31|                                                                                          -----------------
32|                                                  TOTAL AMOUNT PER ACCOUNT           :       340,950.00
40|                                                                                          -----------------
41|                                                  TOTAL AMOUNT PER ISIN              :       430,000.00
50|                                                                                          -----------------
51|                                                  TOTAL AMOUNT PER CLEARING MEMBER   :       560,123.00
60|                                                                                          -----------------
61|                                                  TOTAL AMOUNT PER SETTLEMENT ACCT   :       700,000.00
```

For the field values of RPTCCE270 and RAWCE270, please refer to the appendix “Technical Details”, chapter 5.2 Cash Reference in Settled Delivery Report (CE270).

3.2.2 Raw Data File RAWCE270

The implementation of the “Cash Reference” as such in the report based on S.W.I.F.T. format MT536 will be included as described in the following.

A new label „/CREF“ will be introduced for the field 70E::TRDE, indicating the cash reference. The field contains nine numeric digits and will be displayed with leading zeros. Within the 70E::TRDE field, the „/CREF“ field will be inserted between the labels „/REFN“ and „/TEXT“.

The „/CREF“ label will always be fed to the 70E::TRDE field, which means that the „/CREF“ label may possibly be filled with blanks.

Below, an example of the 70E::TRDE field in MT536 with the „/CREF“ label is shown:

:70E::TRDE///CLGM ABCDE/EXCH ABCDE

/WKN 500340/IDAY 20031208/CASH Y

/NETT S/LATE 04/TNSFX 00000

/ORDNB 0001302518217

/REFN

/CREF 000001234

/TEXT

/ORDNETT O/CCPSTAT SETTLED

/CMSTAT SETTLED/DELVID OFFSET

/TYPE STOCK/REPORTREF RAWCE270

3.2.3 Impact on Historical Settled Delivery Report (CD270) Selection

Due to these modifications, after the start of production, it will no longer be possible to request historical reports RPT/RAWCE270, RPT/RAWCE271 or RPT/RAWCE272 via the “Report Selection” window on the Member GUI for the business days before December 8, 2003.

3.3 Eurex BIC in Settlement Reports Header Information

To allow participants to identify clearly the settlement reports in CCP raw data format, the header information in the MT536 and MT598 data records of the raw data files RAWCE260 and RAWCE270 will be completed by the Eurex Bank Identifier Code (BIC).

This applies to all reports in this concern, i.e., for Clearing Members, Settlement Institutions and Trading Members.

This code, which is EUXCDEFFAXXX, will be entered in the field „S.W.I.F.T. Address“ as part of the application header of the MT536 or MT598 data record.

Example for a MT536 header:

{1:F01XXXXXXXXXXXX0000999999}{2:O5361628031219EUXCDEFFAXXX00009999990312191628N}{3:{108:}}

Example for a MT598 header:

{1:F01XXXXXXXXXXXX0000999999}{2:O5981628031219EUXCDEFFAXXX00009999990312191628N}{3:{108:}}

4 CCP Delivery ID in CBF C&S Statement (MT536)

With the CASCADE-LIMA Release by CBF that is scheduled for January 19, 2004, the Clearing & Settlement Statement (MT536) will be modified for CCP members by the introduction of the CCP Delivery ID.

Participants who receive additional rights from CCP via the instruction "Free of Payment" find a respective identification number for the delivery instructions ("on-behalf Delivery ID"7xxxxxx) in their CCP MT536 report RPT/RAWCE270. To allow the participants to assign this ID unequivocally to the CCP identification number of the delivery instructions shown on the CBF Clearing & Settlement Statement (MT536), in future the CCP "on-behalf Delivery ID" will be shown in the data carrier as well.

As to the data system, the technical solution will be implemented as follows, without any changes on the side of the delivering party:

For the purchasing party of the securities the reference number will be inserted into the field PREV

20C::POOL//KP850101zzzzzzz0
20C::PREV//KPyyyy027xxxxxx0.

Thereby, replacement characters stand for:

zzzzzzz – CCP's delivery ID
yyyy – member's "KV-Nr."
7xxxxxx – member's delivery ID.

This innovation does not imply any changes in the CCP reporting.

For further information, please also refer to the CBF Information Domestic No. D109 from October 7, 2003, "CASCADE-LIMA MT536 Clearing and Settlement Statement – CCP changes as from 19 January 2004", on the website www.clearstream.com.

5 Technical Details

5.1 Validations/Error Messages

From the simulation start on November 14, 2003, the new error codes and error messages will be available for downloading in the „msgccp.dat" file on the Eurex website in the restricted "Member Section". Please follow the links:

"www.eurexchange.com > Member Section > Software Releases CCP > CCP Releases".

Simulation from November 14, 2003:

MS Windows 2000/XP: <GATE_drive>:\opt\gate\base91\CCP\data\

Sun Solaris: /opt/gate/base91/CCP/data/

To install the new error codes and messages, please close down @X-PERT and CCP-Xervice on the CCP MISSes and save the „msgccp.dat" file under the directory specified below on the MISSes and workstations. After installation, please re-start CCP-Xervice and @X-PERT.

Production from December 8, 2003:

MS Windows 2000/XP: <GATE_drive>:\opt\gate\base90\CCP\data\

Sun Solaris: /opt/gate/base90/CCP/data/

To guarantee smooth support, installation of the corresponding file is mandatory.

5.1.1 New Valid Values/Error Codes

Request	Field	New Valid Value
CCP Inquire Trade List	trdStlStsCod	U
	complCod (in common request/ response header)	41054
		41055
		41056
		41057
		41058
		41059
CCP Inquire Gross Obligation	complCod	41054
		41055
		41056
		41057
		41058
		41059
CCP Inquire Net Obligation	complCod	41054
		41055
		41056
		41057
		41058
		41059

5.1.2 Description of New Error Codes

Beschreibung/Description	Error Code
Insufficient privilege for given settlement account	41054
Trading member is not a valid trading member	41055
Settlement account is not a valid settlement account	41056
Clearing member is not a valid clearing member	41057
Insufficient privilege for given trading member	41058
Insufficient privilege for given clearing member	41059

5.2 Cash Reference in Settled Delivery Report (CE270)

5.2.1 RAWCE270 or RAWCE271/272

New Field in S.W.I.F.T. MT536 RAWCE27x	New Sub Field in field 70E::TRDE
Cash Reference	/CREF

5.2.2 RPTCE270 or RPT271/272

The following tables show the sorting criteria and field information of the printable report.

Sorting order:

#	Field Name
1	SETTLEMENT LOCATION (not relevant for group 2 and 3)
2	SETTLEMENT ACCT
3	CLEARING MEMBER
4	CURRENCY
5	INSTRUMENT
6	ACCOUNT TYPE (of the netted position)
7	EXCHANGE MEMBER
8	INFORMATION LISTED
9	DELIVERY ID
10	TRADE LOC
11	TRADE DATE
12	TRADE NUMBER
13	ORDER NUMBER

Fields:

Ref.	Field Name	Description
	SETTLEMENT ACCT	Branch settlement account.
2	SETTLEMENT LOCATION	Branch settlement location: e.g. “CBF”.
3	SETTLEMENT CYCLE	CBF settlement cycle: “STD” – Standard Settlement. “SDS1” – Same day settlement 1. “SDS2” – Same Day Settlement 2.
4	HEAD SETTLEMENT ACCT	Headquarter settlement account.

Ref.	Field Name	Description
5	HEAD SETTLEMENT LOC	Headquarter settlement location: e.g. “CBF”.
6	CLEARING MEMBER	Member ID of Clearing Member.
7	CURRENCY	Settlement currency.
8 9 10	INSTRUMENT	The instrument identification of the netted position, containing: Short name of the instrument. Long name of the instrument. ISIN of the instrument in the netted position.
11	TYPE	E.g.: “Equity”.
12	ACCOUNT	Account type: “A1” or “PP”, if applicable (depending on Settlement Netting Unit – SNU).
13	EXCHANGE MEMBER	Member ID of Exchange Member, if applicable (depending on SNU).
14	INFORMATION LISTED	Defines the type of information listed: “NET DELIVERY INFORMATION”. “OFF-SETTING POSITION INFORMATION – CASH SETTLEMENT COMPLETED”. “OFF-SETTING POSITION INFORMATION – SETTLEMENT PENDING ON CLEARING MEMBER – CUSTOMER”. “DELIVERIES MARKED FOR GROSS PROCESSING”.
15	TRAD LOC	Trading location – market identification: “XETR”, “XFRA”.
16	TRADE DATE	Day when the trade has been performed.
17	SETTLEMENT DATE	Settlement date.
18	TRADE NUMBER	Trading number provided by trading location.
19	ORDER NUMBER	Provides the order number.
20	MEMBER INT ORDER NUMBER	Member internal order number.
21	TEXT	Order free format text field for members’ internal use.
22	ORD NET TYPE	Netting type of the order: “O” – Aggregation on order level. “N” – No aggregation on order level.
23	NOMINAL/QUANTITY	Quantity of shares from trade that is open.
24	SETTLEMENT AMOUNT	Trade settlement amount.
25	CCP-CM STATUS	Trade delivery status on the level CCP – Clearing Member. “SETTLED”. “CLOSED” – Already settled for trades within offsetting block. “BUYI” – Buy-in settled. “CASH” – Cash settled.
26	CM-CUST STATUS	Trade delivery status on the level Clearing Member – customer. “LATE”. “SETTLED”. “PENDING” – Pending and not late. “BLOCKED” – Blocked and not late (only sell trades).
27	DELIVERY ID	Delivery instruction number identifying the delivery instruction.
28	DELIV QTY	Quantity of the net position.
29	DELIV SETTLEM AMT	Total settlement amount of the net position.
30	Cash Reference	Filled with the cash transaction reference number of the

Ref.	Field Name	Description
		corresponding cash transaction for the offsetting block. (Reference is identical to cash transacaction REF as listed in CD250 Settled Cash Transaction report.)

5.3 Field Values of Settled Cash Transaction Report (CD250)

An example of both the printable report and the raw data file is available as text document (*.txt) on our website under "www.eurexchange.com > Member Section > Documentation/Manuals CCP > Functional Manuals".

5.3.1 RPTCD250 or RPTCD251

The following tables show the sorting criteria and field information of the printable report.

Sorting order:

#	Field Name
1	CLEARING MEMBER
2	CURRENCY
3	LZB ACCOUNT
4	VALUE DATE
5	SETTLEMENT RUN
6	SETTLEMENT ACCOUNT
7	EXCHANGE MEMBER
8	ACCT TYPE

Fields:

Ref.	Field Name	Description
1	CLEARING MEMBER	Member ID of Clearing Member.
2	CURRENCY	Currency of the equity.
3	LZB ACCOUNT	Central Bank account number.
4	VALUE DATE	Value date.
5	SETTLEMENT RUN	Settlement Run in which the specific cash transaction is settled (SDS1, SDS2, STD, SDS1).
6	SETTLEMENT ACCOUNT	Head settlement account.
7	SETTL LOC	Settlement location: e.g. "CBF".
8	ACCT TYPE	Account type: "A1" or "PP"; blank in case a cash transaction can not be separated for account type.
9	EXCH MEMBER	Member ID of Exchange Member; blank in case a cash transaction can not be separated for Exchange Member.
10	TRAN DATE	Date when the transaction is created.
11	TRAN TIME	Time when the transaction is created.
12	REF	Cash Transaction number.
13	TYPE	Code of the transaction type: "450" – Buy-in cash amount paid. "451" – Buy-in cash amount received. "452" – Cash settlement received. "454" – Cash settlement paid. "456" – Dividend compensation received. "458" – Dividend compensation paid.

Ref.	Field Name	Description
		"460" – Dividend corporate action event corrections received. "462" – Dividend corporate action event corrections paid. "464" – Dividend trade cancellation received. "466" – Dividend trade cancellation paid. "468" – Price difference received. "470" – Price difference paid. "472" – Cash offsetting shares received. "474" – Cash offsetting shares paid. "476" – Equity interest of delay received. "478" – Equity fine and interest of delay paid. Note: If there are values shown for the types "456" – "462", then these have been entered by Clearing Supervision.
14	DESCRIPTION	Transaction description: "BUY-IN CASH AMT PAID" (450). "BUY-IN CASH AMT RCV" (451). "CASH SETTLEMENT RCV" (452). "CASH SETTLEMENT PAID" (454). "DIVID COMPENS RCV" (456). "DIVID COMPENS PAID" (458). "DIVID CA. CANCEL RCV" (460). "DIVID CA. CANCEL PAID" (462). "DIVID TRD. CANCEL RCV" (464). "DIVID TRD. CANCEL PAID" (466). "PRICE DIFFERENCE RCV" (468). "PRICE DIFFERENCE PAID" (470). "CASH OFFSET SHR RCV" (472). "CASH OFFSET SHR PAID" (474). "EQUITY IOD RCV" (476). "EQUITY FINE + IOD PAID" (478). Note: If there are values shown for the types "456" – "462", then these have been entered by Clearing Supervision.
15	DEBIT	Debit amount.
16	CREDIT	Credit amount.

5.3.2 RAWCD250 or RAWCD251

The following table shows the field information delivered in the raw data file.

No.	Field	Field Length	Data Type	Special Format	Description
1	Report ID Code	8	A		Identification of the raw data stream. Values include: "RAWCD250" – Valid data record "ENDCD250" – End of raw data stream.
2	Report Effective Date	8	N	YYYYMMDD	Business day on which the raw data stream is created.

No.	Field	Field Length	Data Type	Special Format	Description
3	Report Processing Date	8	N	YYYYMMDD	Creation day of the raw data stream.
4	Environment Number	2	A		Environment number this raw data file belongs to. Possible values are: “20” – Production environment “21” – Simulation environment
5	Member ID of Clearing Member	5	A		Identification of the Clearing Member.
6	Settlement Currency	3	A		Security Settlement Currency.
7	LZB Account	8	A		Central Bank account number.
8	Value Date	8	N	YYYYMMDD	Value Date.
9	Settlement Run	4	A		Settlement Run in which the specific cash transaction is settled.
10	Settlement Account	12	A		Head settlement account.
11	Settlement Location	5	A		Settlement location: e.g. “CBF”.
12	Account type	2	A		Account type: “A1” or “PP”. Empty if no aggregation on account type level is chosen.
13	Member ID of Exchange member	5	A		Member ID of the Exchange Member. Empty if no aggregation on Exchange Member level is chosen.
14	Transaction date	8	N	YYYYMMDD	Date when the transaction is created.
15	Transaction time	6	N	hhmmss	Time when the transaction is created.
16	Reference ID	9	N		Cash transaction number.
17	Transaction type	3	A		Code of the transaction type. “450” – Buy-in cash amount paid. “451” – Buy-in cash amount received. “452” – Cash settlement received. “454” – Cash settlement paid. “456” – Dividend compensation received. “458” – Dividend compensation paid. “460” – Dividend corporate action event corrections received. “462” – Dividend corporate action event corrections paid. “464” – Dividend trade cancellation received.

No.	Field	Field Length	Data Type	Special Format	Description
					"466" – Dividend trade cancellation paid. "468" – Price difference received. "470" – Price difference paid. "472" – Cash offsetting shares received. "474" – Cash offsetting shares paid. "476" – Equity interest of delay received. "478" – Equity fine and interest of delay paid.
18	Debit	16	N	+12.2	Debit amount.
19	Credit	16	N	+12.2	Credit amount.