

## Information for T2S Release 1.3.1 - Deployment Date for 20 November 2017

Clearstream Banking AG, Frankfurt<sup>1</sup> would like to inform customers about the content of the T2S Release 1.3.1 and CBF enhancements that will be introduced in the context with CBF services enabled for T2S. These modifications will be introduced on

**Monday, 20 November 2017.**

Besides the functional changes that will be outlined with this announcement, CBF announced further enhancements with the announcement “CBF Release in November 2017: Advance announcement of changes [\[D17037\]](#)”. All CBF enhancements will be bundled and implemented in one step.

This announcement provides

- A summary about the scope of T2S Release 1.3.1;
- A description of modifications in CBF software related to T2S;
- An overview of customer simulation activities in preparation of the T2S and CBF releases in November 2017;
- A “Customer Readiness Plan” until end of 2017.

### Summary about the scope of T2S Release 1.3.1

Based on the T2S Release Concept<sup>2</sup>, T2S will deploy with the release in November 2017 the resolution for various T2S Problem Tickets (PBIs)<sup>3</sup>. Currently, the Release 1.3.1 covers 31 Problem Tickets. These items have received priority by the T2S Settlement Managers. Additionally, four Problem Tickets received the status “Candidate for T2S Release 1.3.1”. These items are under investigation and can be authorised for the deployment. Also, in case of urgency and if priority is given, further functional updates might be authorised. If T2S announces updates regarding the scope for the deployment date, CBF will inform customers in due time.

Attached to this announcement, customers will find the file “T2S Release 1.3.1 Problem Tickets (PBIs)” that shows the latest information about the related PBIs, that have impact on CBF customers acting in ICP and/or DCP mode. Customers are recommended to validate these items and check whether operational and / or functional modifications in their procedures are needed.

According to the ECB planning, the updated software will be installed on 16 October 2017 in the T2S Pre-Production Environment (UTEST). Once the expected results have been shown during testing, the CSD Steering Group will decide on the deployment of T2S Release 1.3.1 into production. On Thursday, 9 November 2017, the final decision, known as “Go/No-Go Decision”, shall be made.

The deployment of T2S Release 1.3.1 into production is foreseen on Monday, 20 November 2017. The implementation of the software will take place during the weekend within the T2S maintenance window. Meaning that currently no changes in T2S Operational Day are expected; neither for the end

<sup>1</sup> This announcement is published by Clearstream Banking AG (CBF), registered office at Mergenthalerallee 61, 65760 Eschborn, Germany, registered with the Commercial Register of the District Court in Frankfurt am Main, Germany, under number HRB 7500.

<sup>2</sup> For details please refer to Appendix A. „T2S Release Concept“.

<sup>3</sup> For details please refer to Appendix B. „Scope of Launch Dates – Potential Release Items“.

of day (“EoD”) procedure on Friday, 17 November 2017 nor for the start of the business day Monday, 20 November 2017.

## Description of modifications in CBF software related to T2S

T2S Release 1.3.1 will deploy the software update on the same weekend when CBF will introduce the enhancement for the CBF Release November 2017. Along with this, CBF will use this implementation window to deploy further service updates in context with T2S.

The table on the next page provides an overview of the service enhancements in various business areas. Please note, that these modifications might impact the functional and / or organisational procedures of CBF customers. Therefore, we kindly ask our customers to assess the implementation requirements.

Business area	Modification / enhancement with CBF Release November	Impact on ICP / DCP	Comment
<b>1. CBF Cash Management Services</b>	CBF Cash Forecast will cover Fixed Income CCP instructions.	ICP, using CASCADE Online functionality (HOST / PC)	Service enhancement to consider amounts resulting from the CCP Fixed Income processing
<b>2. CBF Settlement Procedures (CASCADE)</b>	CASCADE Online Functionality Update of screens in various transactions / functions	ICP, using CASCADE Online functionality (HOST / PC)	After CBF’s successful migration to T2S the decommissioning of not relevant functionality starts
<b>3. Corporate Actions Processing (KADI)</b>	Market Claims and Reverse Claims  CBF will provide a reference in the claim instruction (sese.023) taken from the parent instruction for DCP instructed underlyings, too.	DCP	Resolution of a Service Investigation Request addressed by DCP customers
	Processing of Transformations: Enhancement for Trade Date  Instructions on trade date will not be any longer considered if the event does not request a change of the underlying ISIN (Terminart 232).	ICP / DCP	Service enhancement to reduce the number of affected pending instructions
	Processing of Transformations: Passive Matching Service  The reference of the counterparty instruction is added, when the counterparty uses the passive matching service.	ICP / DCP	Service enhancement related to the referencing of instructions

Business area	Modification / enhancement with CBF Release November	Impact on ICP / DCP	Comment
<b>4. Connectivity</b>	Usage of optional field "Place of Safekeeping"  The following messages types will be enhanced to display the depository in field :94B::SAFE:  – MT535 Statement of Holdings; – MT536 Statement of Transactions.	ICP; using CBF automated message transfer	Service enhancement; Customer can use this information on their demand.
	Decommissioning of CASCADE settlement reports  The settlement reports from the former CBF SDS Cycle 2 will not be delivered any longer.	ICP; if print report is ordered	Decommissioning activity to clean up CBF software after migration to T2S.
<b>5. Static Data</b>	Decommissioning of former CBF cash accounts  After the migration to T2S, against payment instructions are processed via the T2S Dedicated Cash Account (DCA). The previously used cash account set up will be deleted in the system.	ICP / DCP	Decommissioning activity to clean up CBF software after migration to T2S.
	Decommissioning of market related information in 2017  Today's information for the Spanish CSD, Iberclear, will be deleted.	ICP; using CASCADE Online functionality or KUSTA Data Carrier (Markets)	Redesign to deliver market information for T2S Out-CSDs, only.
	Reorganisation of KUSTA Data Carriers  concerning the files for CBF Customers and Markets; activities in 2017 and 2018.	ICP; if transmission of file is ordered	The "Legal Entity Identifier" (LEI) will be introduced to provide MiFID II-related data.  Preparation of the redesign for the file "CBF Customers" to provide essential customer static data after CBF's migration to T2S.

Table 1 Overview of CBF service enhancements in November 2017

The modifications / enhancements listed in the table above-mentioned will be described in the following sections. Hereafter, it is defined how the announcement is structured.

For each "Business area" a small introduction is given. Within this area, each modification / enhancement is outlined. It shows the description of the change and, if applicable, provides

indications on the potential customer impact. Also, if the layout of a screen will be changed samples are added. Below the scheme of the structure is presented:

## **X. Business area**

- **Modification / enhancement**

[Description of changes](#)

[Potential customer impact](#)

[Layout CASCADE "abc"](#)

## 1. Cash Management Services

With the migration of T2S Wave 4, CBF became the gateway for effective cash management by offering a consolidated forecast of customers' Dedicated Cash Accounts (DCAs). This extended CBF Cash Forecast is based on data from the T2S Cash Forecast. CBF supplements the information provided in the T2S Cash Forecast with its own cash forecast data to in order to help customers managing their liquidity pool as efficiently as possible.

### CBF Cash Forecast

In line with Eurex Clearing AG (ECAG), CBF agreed that with the release in November 2017 the cash forecast information will be enriched. Customers using the CBF Cash Forecast will benefit from this enhancement. The cash forecast report serves as basis for the standing liquidity orders that are initiated by CBF to transfer liquidity from the customer TARGET2 RTGS account to the T2S Dedicated Cash Account (DCA). With this release, the gap for CCP Fixed Income products will be closed and the newly presented numbers do not require further action on the customer side. In future, the calculated amount will also consider CCP (central counterparty) Fixed Income instructions.

#### Description of changes

Currently, the cash forecast covers the cash amounts from the CCP (central counterparty) transactions for equities and equity-style deliveries for the EUREX CLEARING AG / EQUITY CCP account (8501).

On a daily basis ECAG delivers the calculated amounts for settlements instructions with a cash leg (that is delivery versus payment (DvP) and receipt versus payment (RvP)). These figures are taken into account for the CBF Cash Forecast Reporting. This report can be retrieved via the CBF Online Functionality; using CASCADE-HOST with the transaction "KUCF" respectively using CASCADE-PC "cash forecast: full display: settlement".

Starting on 20 November 2017, ECAG will additionally deliver the amounts resulting from transactions that are cleared via the CBF account masters

- 7525 - EUREX CLEARING AG / FIXED INCOME CCP  
which is used for bond deliveries. Please note that GC Pooling trades, that are also processed via this account will not be considered as those trades continue to settle via the T2 RTGS accounts and are not delivery versus payment or receive versus payment instructions in T2S;
- 7530 - EUREX CLEARING AG / FIXED INCOME NOTIF./ALLOCATIONS  
which is used for the bond settlement out of Eurex notifications or allocations<sup>4</sup>.

These figures will be incorporated in the CBF Cash Forecast reporting. In addition, they are considered in the total amount of the liquidity transfer message towards TARGET2. Today's service times for the generation of the forecast (at around 17:15) and message flow with the National Central Banks (at around 19:00) will remain unchanged.

The CASCADE Online screens will be updated to reflect this change. Today, for EQUITY CCP instructions the label "CCP (XETRA / FWB)" is used. In the future, the related line will be called "EQUITY & FIXED INCOME CCP". The screenshots for CBF Online Functionality (HOST / PC) can be found on the following pages.

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<sup>4</sup> More details are available in ECAG circular 005/12.

### Potential customer impact

Customers using CBF Liquidity Management services should check whether there is a need to update standing instructions and related operational procedures.

ECAG will deliver the enriched data with information for CCP Fixed Income deliveries starting Monday, 20 November 2017, for the following business day (21 November 2017). Therefore, on the Friday (17 November) prior to the deployment, today's procedures still need to be executed.

Additionally, if CASCADE-PC is used, rollout activities for the version 9.3 need to be taken into account. For the CBF Release November 2017, a mandatory software update is scheduled. According to the latest CBF Customer Readiness plan the CASCADE-PC software shall be ready for download on 6 November 2017. Further information will be provided in due time.

### Layout CASCADE Online "HOST" starting November 2017

```
TRAN: KUCF FC: CF SB: 7899#222#EUR#31.07.2017#NTS
CASH FORECAST UEBERSICHT                T2S-GENERIERUNG: 31.07.2017 17:04:55
DCA REF: 7899 222 MUSTER BANK AG
DCA      : CDEEURBANKDEFFXXDCA-7999-222-XXXX
TAG DER GELDVERRECHNUNG: 01.08.2017 VERARBEITUNGSLAUF: NTS
```

	SOLL IN EUR	HABEN IN EUR
ABWICKLUNG PENDING	200.000,00	
ABWICKLUNG NAECHSTER TAG	300.000,00	
LIQUIDITY TRANSFER		700.000,00
-----		
SALDO T2S FORECAST		200.000,00
<b>EQUITY &amp; FIXED INCOME CCP</b>	<b>600.000,00</b>	
KAPITALDIENSTE		100.000,00
-----		
SALDO CBF FORECAST	500.000,00	
-----		
AKT. DISPOSITIONSBETRAG	300.000,00	
=====		
-- ID-KZ: 00000-000 -- PW:	----- B79-504 --	31/07/17 -- 17:35:00 -

```
PF3:Rücksprung PF4:Abbruch
```

Layout CASCADE Online "PC" starting with version 9.3

CASCADE - PC cash forecast: full display: settlement

window help

T2S creation: 31.07.2017 17:15:35

DCA reference: 7899 222 TEST DCA-REF-KONTO

DCA: CDEEURBANKDEFFXXX-T2S-TEST-7 222 cash clearing date: 31.07.2020

currency: EUR - Euro processing cycle: NTS - night time settlement 7:30 pm - 3:00 am

	debit	credit
pending settlement:		0.00
settlement next day:	9,000,000.00	
liquidity transfer:		7,200,000.00
total T2S forecast:	1,800,000.00	
CCP (equity & fixed income):	1,424,527.00	
custody services:		0.00
total CBF forecast:	1,424,527.00	
net funding requirement:	3,224,527.00	

cancel

## 2. CBF Settlement Procedures (CASCADE)

### CASCADE Online Functionality

CBF announced in its various “Detailed Functional Description” that after CBF’s successful migration to T2S some CASCADE Online screens will be updated. This activity has been scheduled as a post launch item. With the CBF Release November 2017, CBF will start to decommission former CBF functionality that is not needed any longer.

During the T2S Wave 4 Business Day testing stage, CBF customers required a change in the CASCADE Online Functionality (HOST / PC) for the “Umsatzanzeige” / “movements overview”. The existing term “Buchung / accounting” that informs about the effective settlement date on T2S is not consistent with the actual date / time displayed. The CASCADE Online screens will be updated according to the customer need.

#### Description of changes

The table below provides an overview of the CASCADE screens that will be modified with the upcoming release. Hence, the redesigned layout will be displayed from 20 November 2017 on using CASCADE-HOST or after the installation of the CASCADE-PC software version 9.3.

CBF Functionality	CASCADE-HOST	CASCADE-PC	Redesign
<b>Main Selection Screen</b>	CASCADE Menü (MENU)	CASCADE-PC main menu	Today’s information to indicate that the system is not available will be changed.  The message “DFS065 hh:mm:ss TRAN/LTERM STOPPED, T/L=KVAC” will be changed to “DFS064 hh:mm:ss DESTINATION CANNOT BE FOUND OR CREATED, DEST=KVXX”.
<b>Instruction Management</b>	CASCADE Auftragsstatus / -information (KVAI)	Not applicable	The function code for: “SS” for “SDS-Aufträge” “SR” for “RTS-Aufträge” will be deleted from the selection screen. The related pages cannot be displayed any longer.
<b>Instruction Management</b>	CASCADE Match-Dienst (KVAM)	CASCADE-PC selection: match service	The function code for: “RM” for “Rücknahme Matching” respectively “cancel matched instructions” will be deleted from the selection screen. The related pages cannot be displayed any longer



CBF Functionality	CASCADE-HOST	CASCADE-PC	Redesign
<b>Instruction Entry</b>	CASCADE Auftragsabwicklung Match-Instruktion Erfassung (KVEE)	CASCADE-PC: entry screen	The field „RTS-DvP“ will be deleted from the entry screens.  The fields „Selbstbesicherung“ and „Gegen-Auftnr“ will be deleted from the HOST entry screen only, as not available via PC.
<b>Movements</b>	CASCADE Umsatzanzeige – Depotumsätze Inland – Auswahl (KVDU)	CASCADE-PC selection: domestic movement	The values “Lauf: (S/1/2/R/C)” respectively “process cycle” to select a specific cycle are not used any more and will not be displayed in future.
<b>Movements</b>	CASCADE Umsatzanzeige – Depotumsätze – Vollanzeige (KVDU / ID)	CASCADE-PC selection: domestic movement – item detail screen	The term „Buchung“ respectively “accounting” will be replaced by „T2S Effective Settlement” and “Processing Time”. Additionally, on the related help screen the descriptions will be modified to show the T2S processing times.

Table 2 Overview of modifications on CASCADE screens

Samples for the screens can be found at the end of this section.

#### Potential customer impact

Customers using the CBF Online Functionality via CASCADE-HOST or CASCADE-PC should check whether the modification will impact their related operational procedures.

Additionally, if CASCADE-PC is used, rollout activities for the version 9.3 need to be taken into account. For the CBF Release November 2017, a mandatory software update is scheduled. According to the latest CBF Customer Readiness plan, the CASCADE-PC software shall be ready for download on 6 November 2017. Further information will be provided in due time.

[Layout CASCADE Online "HOST": "KVAI"](#)

The screenshot indicates the lines that will be deleted.

```
TRAN: KVAI FC: ID SS: #I####  
  
AUFTRAGSABWICKLUNG          I N F O R M A T I O N          AUFTRAGSSTATUS  
  
AA  AUFTRAGSART              : ..                      KZ-AA: .  
AN  AUFTRAGS-NUMMER          : .....  
AD  NICHT ERFOLGREICH DISPONIERTE AUFTRAEGE  
  
MA  MATCH-AUFTRAEGE          : .    M/O/F (MATCHED/OFFEN/FEHLERHAFT)  
MI  MATCH-INSTRUKTIONEN     : .    M/O/F (MATCHED/OFFEN/FEHLERHAFT)  
  
SS  SDS-AUFTRAEGE            (SOFORTDISPOSITION)  
SR  RTS-AUFTRAEGE            (SOFORTDISPOSITION)  
  
ZUSAETZLICHE                LASTSCHRIFT-BANK : ....      WKN                : .....  
AUSWAHL                      GUTSCHRIFT-BANK  : ....      SETTLEMENT-DAY    : .....  
                               WRG GEGENWERT      : ...  
  
HA  HISTORISCHE AUFTRAEGE          EINGEBER          : ....  
  
-- ID-KZ: 7907999999-- PW:          ----- B790753V -- 31/07/17 -- 17:35:00 --  
  
PF1:Hilfe  PF3:Rücksprung  PF4:Abbruch
```

[Layout CASCADE Online "HOST": "KVAM"](#)

The screenshot indicates the line that will be deleted.

```
TRAN: KVAM FC: RM SB: #  
  
AUFTRAGSABWICKLUNG          M A T C H - D I E N S T  
AUFTRAGSSTATUS  
  
SETZEN KENNZEICHEN AUF OFFENE MATCH-AUFTRAEGE ODER MATCH-INSTRUKTIONEN  
  
MA  MATCH-AUFTREAGE          : .    M/O/F (MATCHED/OFFEN/FEHLERHAFT)  
MI  MATCH-INSTRUKTIONEN     : .    M/O/F (MATCHED/OFFEN/FEHLERHAFT)  
  
RM  RUECKNAHME MATCHING: ..... (AUFTRAFSNUMMER)  
  
ZUSAETZLICHE                BANK-NR DES KONTRAHENTEN : ....  
AUSWAHL                      WKN                : .....  
                               SETTLEMENT-DAY          : .....  
                               WRG GEGENWERT          : ...  
  
-- ID-KZ: 7097999999 -- PW:          ----- B790753V -- 31/07/17 -- 17:35:00 --  
  
PF3: Rücksprung  PF4: Abbruch
```

[Layout CASCADE Online "HOST": "KVEE"](#)

The screenshot indicates the fields that will be deleted.

```
TRAN: KVEE FC: MI SB:

AUFTRAGSABWICKLUNG      MATCH-INSTRUKTION / ERFASSUNG      ERFASSUNGSSTATUS

PRIMANOTE: _____      AUFTNR: _____      VWA: GS

LAST      : _____      /
GUT      : _____      /
WKN      : _____

NOMINALE : _____      EINHEIT: _____      DISPO-PRIORITAET: _
GEGENWERT: _____      WRG      : EUR      PARTY-HOLD (J/N): N
DCA/REF  : _____      EMISS-EINF (J/N): N

SET-DAY  : 31.07.2017      EX-TRD : _____      BATM/ADEA (J/N): N
BOERSENPL: _____      OPT-OUT: _      RTS-DVP (J/N): N

SCHLUSSTAG: _____      REFERENZ-NR      :
KURS / WRG: _____      AUFTRAGS-REFERENZ:
SELBSTBES (J/N/ ) : _____      GEGEN-AUFTNR      :
```

[Layout CASCADE Online "HOST": "KVDU" selection screen](#)

The screenshot indicates the line that will be deleted.

```
TRAN: KVDU FC: ID SB: #I##

UMSATZANZEIGE      DEPOTUMSAETZE INLAND - AUSWAHL

Buchungstag      : _____ bis: I      Lauf: (S/1/2/R/C)
Zeit      : _____ : _____ bis : _____ Uhr
Auftr-/GS-Nr      : _____      Teilnehmer-Referenz:
T2S Actor Ref      :
WKN/ISIN      : _____ DvP: _ (J/N)      Sortierung: _ (G/N/Z)
Auftragsart      : _____      KZ-AA :
Umsatzart      : _____      (L: Lastschrift / G: Gutschrift)
Bank/Konto      : _____      Boersenplatz: _____
Kontrahent      :
-- ID-KZ: 7907999999-- PW: _____      B790753V -- 31/07/17 -- 17:35:00 --
```

[Layout CASCADE Online "HOST": "KVDU" item detail screen](#)

The screen shows that the term "Buchung" will be modified to "T2S Effective Settlement". In addition, the terms "Processing Time / Verarbeitungszeit" are incorporated.

```
TRAN: KVDU FC: ID SB: 31.07.2017#####I#####L#7899#####  
  
UMSATZANZEIGE          DEPOTUMSAETZE - VOLLANZEIGE  
  
Auftr-Art: 13  KADI NON-INCOME          Umsatzart: Last  
  
Eingeber :      7899          T2S Effective Settlement  31.07.2017  
Auftr-Nr :      323273        Processing Time / Verarbeitungszeit um 18:58:04 Uhr  
  
Konto      : 7899 000          MUSTERBANK AG          / MUSTDEFFXXX  
Wg Ndl     :  
DCA/REF    :  
Kontrah   : 7924 003          CBF AUSB.-WERTLOSE STUECKE- / DAKVDEFFT06  
Wg Ndl     :  
DCA/REF    :  
WKN/ISIN  : I DE000DL76065 DEUT.BANK WAVEC17 N225  
  
Nominale   :          9.999-      Einheit : ST      Verwahrart: GS  
Gegenwert  :          Waehrung:      Set-Day   : 31.07.2017  
MITI Ref1  : 90000000000000001    MITI Ref2: 90000000000000002
```

[Layout CASCADE-PC: "entry screen"](#)

The screenshot indicates the line that will be deleted.

The screenshot shows the 'CASCADE-PC delivery: enter' window. It contains various input fields for transaction details. The 'RTS-DvP' field is highlighted with a red box, indicating it is the line to be deleted. The value 'no' is selected in this dropdown menu. Other fields include 'instruction no.', 'file no.', 'debit', 'credit', 'securities', 'nominal', 'unit', 'cash', 'DCA/REF', 'settlement date', 'opt-out', 'trade date', 'B ATM/ADEA', 'stock exchange', 'ex-trade', and 'party hold'. Buttons for 'process', 'check', and 'cancel' are at the bottom.

[Layout CASCADE-PC: "selection: match service"](#)

The screenshot indicates the line that will be deleted.

The screenshot shows a dialog box titled "CASCADE - PC selection: match service". It has a menu bar with "window" and "help". The main area is divided into two sections: "selection" and "additional selection".

In the "selection" section, there are three radio buttons: "delivery instructions", "receipt instructions", and "cancel matched instructions". The "cancel matched instructions" option is highlighted with a red rectangle. Below these is a "matching status:" label and a dropdown menu currently set to "unmatched".

The "additional selection" section contains several input fields: "counterparty:", "securities code:" (with an "ISIN" dropdown), "settlement date:", and "currency:". At the bottom are "gk" and "cancel" buttons.

[Layout CASCADE-PC: "selection: domestic movements"](#)

The screenshot indicates the line that will be deleted.

The screenshot shows a dialog box titled "CASCADE - PC selection: domestic movements". It has a menu bar with "window" and "help". The main area is divided into two sections: "selection" and "additional selection".

The "selection" section contains various input fields: "accounting date:", "time:", "transactions type:", "securities:" (with an "ISIN" dropdown), "T2S actor reference:", "bank/account:", "counterparty:", "instruction type:" (set to "all instruction types"), "instruction no.:" (with "(transaction no.)" text), "customer reference:", and "stock exchange:". On the right side, there are "up to:" fields and a "DvP:" dropdown.

The "additional selection" section contains "process cycle:" and "sort criteria:" dropdown menus. The "process cycle:" dropdown is highlighted with a red rectangle. At the bottom are "gk" and "cancel" buttons.

[Layout CASCADE-PC: "selection: domestic movements – item detail screen"](#)

The screenshot indicates the line that will be updated. In the future, the term "T2S Effective Settlement" will be shown instead of "accounting".

The screenshot displays the 'CASCADE - PC movements' form. The 'debit entry' section is at the top left. The 'accounting' label is highlighted with a red box. The form contains the following fields and values:

debit entry			instructor:	7907
accounting		on:	26-07-2017	12:16:05 pm
account:	4424	000	CBF W/KUNDENSIMULATION CRC	/ DAKVDEFFT80
DCA/REF:				due to
counterparty:	7899	000	MUSTERBANK AG	/ MUSTDEFFXXX
DCA/REF:				due to
nominal:	-10,000,000		unit:	EO
			settlement date:	26-07-2017
cash:				
Miti Ref1:	9000000000000001		Miti Ref2:	9000000000000002

### 3. Corporate Actions Processing (KADI)

With the CBF Release Information for November 2017 ([D17037](#)), changes in the message types MT564, MT565 and MT567 have been advised to CBF customers.

In addition to these changes, CBF will provide some minor service enhancements which were agreed to be delivered as post launch item. The implementation of these items will provide improvements for customers acting in ICP and / or DCP mode.

#### Market Claims and Reverse Claims

During the T2S Wave 4 Business Day testing, customer acting in DCP requested the enhancement for the publication of the "MITI" (Market Infrastructure Transaction Identification) in corporate action messages and in T2S sese.023 for instructions resulting out of the corporate actions processing (KADI).

In future, the "MITI" of the underlying instruction leg will be provided as additional information for market and reverse claims in MT564 Corporate Action Notification. The enhancement will support the following additional process indicators on record date:

- ADDB//ACLA Expected market claim; message is sent on record date evening;
- ADDB//CLAI Generated market or reverse claim;  
provided upon settlement of underlying instruction;
- ADDB//ATXF Income or non-income transformation;
- ADDB//CNTR Cancellation of underlying instruction due to OPT/OUT flag  
in case of income and non-income transformation.

In MT564 REPE processing on record date minus 1 and minus 2 (RD -1 / RD -2) no "MITI" can be provided. Please note that in this case, CBF will report only the sum of the pending underlying deliveries and receipts and hence.

CBF enhances also MT566 Corporate Action Confirmation to report the "MITI" of the underlying instruction.

Also, the "MITI" of the underlying instruction leg shall be added in the KADI instructions, to allow the reporting of the reference in the T2S sese.023. This is requested for pending, compensated or transformed domestic OTC, cross-border and LION (Stock Exchange trades) instructions.

#### Description of change

CBF will provide the "MITI" of the underlying instruction towards T2S in sese.023 using the following format. In the following you will find an excerpt of sese.023:

```
←Lnkgs→
                                     ←PrcgPos→
    ←Cd→INFO←/Cd→
                                     ←/PrcgPos→
                                     ←Ref→
    ←MktInfrstrctrTxld→MITIREFUNDERLYING←/MktInfrstrctrTxld→
                                     ←/Ref→
←/Lnkgs→
```

#### Customer benefit

Customers acting in DCP mode can use this additional reference of the underlying instruction for their corporate action procedures. It is requested to be considered, that the procedure will be implemented on 20 November 2017. Existing (pending) instructions will not be updated.

## Processing of Transformations: Enhancement for Trade Date

For the event type (TA) 232 "Conversion" the reorganisation procedure applies. That means, that the underlying ISIN is booked out and a new ISIN is booked. If applicable, a transformation is processed by a) the cancellation of the underlying pending matched instruction and b) the reinstruction of a new instruction with changed ISIN and / or nominal.

In general, the transformation of the pending trade (matched) is performed from entitlement day until 20 business days after.

Since the migration to T2S, the overall number increased slightly in case of reorganisational events without ISIN change, that the existing ISIN will be reused (ISIN old = ISIN new). As after entitlement date all matched instructions will be transformed within the next 20 business days, any instruction newly entered with a trade date in the past, will be considered for transformation. This is also valid, if the counterparties already considered the event details in their instruction.

### Description of changes

The existing procedure to identify instructions to be transformed will be modified. The trade date will be considered in the transformation process for the instruction types:

- 01 P Depotübertrag RS // Account transfer RS
- 01 W Ohne KZ-AA // Without identifier AA
- 10 Börsengeschäfte (LION) // Stock Exchange trades (LION)
- 99 Storno / Nachbuchung // Cancellation / booking account transfer

In future, the transformation process will consider the following rule:

If the "TRADE DATE" of the underlying instruction is before or on the ( <= ) ENTITLEMENT DATE of the event no transformation will be conducted for newly setup instructions.

### Customer benefit

The overall number of undesired generated reserve and market claims will be reduced.

### Potential customer impact

After the implementation of the enhanced rule set, customer are requested to modify their operational procedures for the processing of transformations. The updated CBF Compensation Handbook will provide the necessary details.

The modification will be implemented on 18 November 2017. Any instruction that needs to be considered for a starting or ongoing compensation period and is presented after the processing of the T2S NTS Cycle 1 will be processed under the enhanced rule set.

## Processing of Transformations: Passive Matching Service

CBF will create the counter instruction for customers using the "Passive Matching Service". These instructions are generated by CASCADE. They are applicable for corporate actions processing as any other Free of Payment (FoP) instruction provided by a customer acting in ICP or DCP mode.

Currently, within the corporate actions processing of transformations, the T2S-ACTOR REFERENCE of the match instructions resulting from the "Passive Matching Service" is neither reported in MT564 Corporate Actions Notification nor in MT566 Corporate Action Confirmation.

### Description of change and customer benefit

CBF will update today's procedure for the generation of counter instruction for "Passive Matching Service". The necessary reference of the counterparty instruction will be provided in the above-mentioned corporate action message types and will be available for the subsequent procedures at customer side.



## 4. Connectivity

With the CBF Release Information for November 2017 ([D17037](#)), changes in the message types for corporations have been advised to CBF customers.

In addition to these changes, CBF will enhance message types of the category 5 (settlement area)

- To allow the usage of optional field "Place of Safekeeping". The "TAG 94B" will be used to provide the depository;
- To present the settlement locations T2S and CBL Creation in the mandatory field "Place of Settlement (TAG 95P)".

Customers who would like to subscribe message types in the format SWIFT, File Transfer or MQSeries are requested to send the corresponding connectivity form to the Clearstream Banking Client Services Connectivity. All forms can be downloaded from the [Clearstream website](#).

As part of the CBF decommissioning activities after the migration to T2S, the settlement report related to the former "CBF SDS Cycle 2" will be deleted in production and not provided any longer. In the following two sections these changes are described in detail.

### Usage of optional field "Place of Safekeeping"

#### [Enhancement of MT535 Statement of Holdings](#)

MT535 Statement of Holdings will be enhanced to provide the information about the depository for the related security. The depository will be shown in the "Optional Repetitive Sequence B Sub-safekeeping account"; here the "TAG 94a" is offered. CBF will use the option "B" to indicate the location; known as "Place of Safekeeping". This detail is retrieved from the CBF securities master data, field "GS011 BIC of depository". Hence, the depository detail is expressed as a BIC. For any securities issued via CBF, the BIC „DAKVDEFF" will be reported in TAG 94B.

Today, CBF provides in MT536 Statement of Transactions and MT537 Statement of Pending Transactions of Stock Exchange Trades the custody type (Verwahrart). This detail is retrieved from the CBF securities master data, field "GS135". In future, this data will be mapped into MT535 providing the following values:

Custody Type	GS135 Value	Mapping for MT535 TAG 94B
<b>Girosammelverwahrung (GS) / Collective Safe Custody (CSC)</b>	1 GS	94B::SAFE/DAKV/COLL
<b>Streifband / Individual Safe Custody (STR)</b>	2 STR	94B::SAFE/DAKV/INDI
<b>AKV / Non Collective Safe Custody (NCSC)</b>	4 AKV	94B::SAFE/DAKV/TOWN

Table 3 Mapping for MT535 TAG 94B – GS135 Value

Please note, if no value can be retrieved from the securities master data, the field will be kept blank.

#### [Description of changes](#)

In line with the SWIFT format for ISO 15022 messages, CBF will use the following scheme:

- TAG: 94
- Option: B
- Format: SAFE/DAKV/4!a/4!a2!a2!c[3!c]
- Sample: 94B::SAFE/DAKV/COLL/DAKVDEFFXXX

The overall description of MT535 and a sample can be found on the following pages.

[Potential customer impact](#)

The usage of “TAG 94B Place of Safekeeping” is optional.

Interested customers can start using the additional information after 20 November 2017. CBF plans to deploy the software on 18 November 2017. Therefore, the information will be transmitted in MT535 on Monday, 20 November at 20:30 for the first time.

[Overview MT535 Statement of Holdings indicating the “TAG 94B Place of Safekeeping”](#)

Tag	Status	Field name	Format	Comment
<b>Mandatory Sequence A General Information</b>				
16R	M	Start of Block	GENL	
28E	M	Page Number/Continuation Indicator	5n/4!c	
13A	O	Number Identification	STAT//3!c	
20C	M	Sender’s Message Reference	SEME//16x	
23G	M	Function of the Message	NEWM	
98C	O	Preparation Date/Time	PREP//8!n6!n	
98A	M	Statement Period	STAT//8!n	
22F	O	Statement Frequency Indicator	SFRE/[8c]/4!c	
22F	O	Complete/Updates Indicator	CODE/[8c]/4!c	
22F	M	Statement Type	STTY//CUST	
22F	M	Statement Basis	STBA//SETT	
97A	M	Safekeeping Account	SAFE//35x	
17B	M	Activity Flag	ACTI//1!a	
17B	M	Sub-safekeeping Statement	CONS//Y	
16S	M	End of Block	GENL	
<b>End of Sequence A General Information</b>				
<b>Optional Repetitive Sequence B Sub-safekeeping account</b>				
16R	M	Start of Block	SUBSAFE	
97A	O	Safekeeping Account	SAFE//35x	
94B	O	Place of Safekeeping	SAFE/DAKV/4!a/4!a2!a2!c[3!c]	Update
17B	O	Activity Flag	ACTI//1!a	
<b>Optional Subsequence B1 Financial Instrument</b>				
16R	M	Start of Block	FIN	
35B	M	Identification of the Financial Instrument	[ISIN1!e12!c] [4*35x]	
93B	M	Aggregate Balance	AGGR//4!c/[N]15d	
94B	O	Place of Safekeeping	SAFE/DAKV/4!a/4!a2!a2!c[3!c]	New
70E	O	Holdings Narrative	HOLD//10*35x	
16S	M	End of Block	FIN	
<b>End of Sequence B1 Financial Instrument</b>				
16S	M	End of Block	SUBSAFE	
<b>End of Sequence B Sub-safekeeping account</b>				

[Example MT535 Statement of Holdings indicating the "TAG 94B Place of Safekeeping"](#)

Message fields and contents	Comments
ä1: F01DAKVDEFFADOM5974506563ü ä2: I535DXIADEBBXXXNü ä3: ä108: B0BF155710D063DSüü ä4:	Header
:16R: GENL :28E: 5/MORE :13A::STAT//348 :20C::SEME//B0BF155710D063DS :23G: NEWM :98C::PREP//20091214155710 :98A::STAT//20091214 :22F::SFRE//DAIL :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//1111 :17B::ACTI//Y :17B::CONS//Y :16S: GENL :16R: SUBSAFE :97A::SAFE//22220045 :94B::SAFE/DAKV/COLL/DAKVDEFFXXX :17B::ACTI//Y :16R: FIN :35B: ISIN DE000A0KAV21 BERLIN, LAND LSA07/22A226 :93B::AGGR//FAMT/70000000, :70E::HOLD///DLTR 20090717 :16S: FIN :16S: SUBSAFE :16R: SUBSAFE :97A::SAFE//22220000 :94B::SAFE/DAKV/COLL/DAKVDEFFXXX :17B::ACTI//Y :16R: FIN :35B: ISIN DE000DB5S568 DT.BANK MTN 07/10 :93B::AGGR//FAMT/65000000, :70E::HOLD///DLTR 20090317 :16S: FIN :16S: SUBSAFE	The sample represents CBF as depository for a security held in Girosammelverwahrung (GS) / Collective Safe Custody (CSC)  The sample represents CBF as depository for a security held in Girosammelverwahrung (GS) / Collective Safe Custody (CSC)
-ü ä5: äMAC: 5C2DE495üäCHK:490FBC7919BAüü	Trailer

### Modification of MT536 Statement of Transactions

Similar to the enhancement for MT535 Statement of Holdings, MT536 Statement of Transactions will be updated. In "Optional Subsequence B1a2 Transaction Details" the "TAG 94B" indicating the depository will be added.

The format which is defined for MT535 will be also applicable (":SAFE/DAKV/4!a/4!a2!a2!c[3!c]").

Please find below the mapping table for MT536, that considers the CBF securities master data, field "GS135 Custody Type":

Custody Type	GS135 Value	Mapping for MT536 TAG 94B
<b>Girosammelverwahrung (GS) / Collective Safe Custody (CSC)</b>	1 GS	94B::SAFE/DAKV/COLL
<b>Streifband / Individual Safe Custody (STR)</b>	2 STR	94B::SAFE/DAKV/INDI
<b>Wertpapierrechnung / WPR</b>	3 WPR	94B::SAFE/DAKV/TOUT
<b>AKV / Non Collective Safe Custody (NCSC)</b>	4 AKV	94B::SAFE/DAKV/TOWN

Table 4 Mapping for MT536 TAG 94B – GS135 Values

Please note, if no value can be retrieved from the securities master data, the field will be kept blank.

### Description of change

In line with the SWIFT format for ISO 15022 messages, CBF will use the following scheme:

- TAG: 94
- Option: B
- Format: SAFE/DAKV/4!a/4!a2!a2!c[3!c]
- Sample: 94B::SAFE/DAKV/COLL/DAKVDEFFXXX

The description of "Optional Subsequence B1a2 Transaction Details" for MT536 can be found on the following page.

### Potential customer impact

In general, the usage of "TAG 94B Place of Safekeeping" is optional.

CBF will deploy the enhanced mapping on 18 November 2017. Therefore, the modification applies for MT536 on Monday, 20 November 2017 with the first transmission. This is valid for the reporting in delta mode (at around 06:00) and complete mode (at around 18:45).

Today, CBF already delivers depository information in MT536 within the "TAG 70E (Transaction Details Narrative)". This detail is provided with the label "/CUST". The label "/CUST" will be decommissioned with the CBF Release in November 2018. Only for an interim period the depository data will be provided redundant. Customers using "/CUST" are requested to be prepared and shall start with their implementation activities as soon as possible.

[Overview MT536 indicating the "TAG 94B Place of Safekeeping"](#)

Tag	Status	Field name	Format	Comment
<b>Optional Subsequence B1a2 Transaction Details</b>				
16R	M	Start of Block	TRANSDT	
94B	0	Place of Trade	TRAD//EXCH/4!n	
94B	0	Place of Safekeeping	SAFE/DAKV/4!a/4!a2!a2!c[3!c]	<b>New</b>
36B	M	Posting Quantity	PSTA//4!c15d	
99A	0	Number of Days Accrued	DAAC//[N]3!n	
19A	0	Posting Amount	PSTA//[N]3!a15d	
19A	0	Accrued Interest Amount	ACRU//[N]3!a15d	
22F	M	Transaction Indicator	TRAN//4!c	
22H	M	Receive/Deliver Indicator	REDE//4!c	
22H	M	Payment Indicator	PAYM//4!c	
22F	0	Type of Settlement Transaction	<b>SETR/[8c]/4!c</b>	
22F	0	Corporate Action Event Indicator	CAEV//4!c	
22F	0	Party Capacity Indicator	TRCA/[8c]/4!c	
22F	0	Settlement Transaction Condition Indicator	STCO/[8c]/4!c	
98C	M	Effective Settlement Date/Time	ESET//8!n6!n	
98A	0	Settlement Date/Time	SETT//8!n	
98A	M	Trade Date/Time	TRAD//8!n	
70E	0	Transaction Details Narrative	TRDE//10*35x	

## **Decommissioning of CASCADE settlement reports**

CBF announced in its “Detailed Functional Description” that after CBF’s successful migration to T2S some CASCADE settlement print reports will be decommissioned as the processing cycles have been changed with T2S. This activity has been scheduled as a post launch item and CBF continuously executes decommissioning activities. Please refer also to the section “[CBF Settlement Procedures \(CASCADE\)](#)” for further updates.

### Description of changes

According to the T2S Operational Day, there is no batch processing during the day. Within the day, all settlement activities are executed in real-time mode (RTS). The T2S RTS cycle starts at 05:00 and finishes at 18:00. Therefore, the former CASCADE settlement cycles are impacted and the related information cannot be delivered any longer. Since CBF’s migration to T2S, a number of reports do not contain information; that is they are empty.

Hence, all CASCADE settlement print reports generated for the former CBF settlement cycle SDS 2 can be decommissioned. The print job “JQ266000” set up for “Daily CASCADE lists” will be taken from production.

### Potential customer impact

CBF provides the “Daily CASCADE lists” via different media. These lists are offered via Connect:Direct, NJE, Hob FT, CBF Fileservice and CA Spool.

Depending on the connectivity media chosen, customers need to take appropriate technical and / or operational measures.

CBF scheduled the decommissioning of the job with the release in November 2017. The print job “JQ266000” will run on 17 November 2017 at 13:30 for the last time.

## 5. Static Data

In 2013, CBF started to regularly update the functionality that is used for account master data in light of T2S. A number of new parameters were requested to be introduced. Also, the market and participant data were updated to reflect the changes that become necessary with each T2S migration wave.

With the CBF Release November 2017, CBF will finalise the update for market and participant data, as Iberclear will migrate to T2S on 18 September 2017. Additionally, the KUSTA Data Carrier (KUSTA Datenträger) will be restructured as a number of information is not needed any longer because of the processing with T2S. The rollout of this change will be done in two steps. It will start with the decommissioning of information in November 2017 and will be completed with a reorganisation of file format / structure in 2018. Customers will be informed about the implementation date in 2018 in due time.

In the following sections both changes are described in detail.

### Decommissioning of former CBF cash accounts

During the T2S Wave 4 customer readiness activities CBF informed that dedicated sub-accounts will be deleted after the successful migration to T2S. With the release in November sub-accounts, which were set up to reflect the former cash management via the RTGS account, held with the National Central Bank (NCB), will be deleted.

As indicated in the Detailed Functional Description “Cash Management” and the “CASCADE Account Description – 2013 / CASCADE Kontobeschreibung – 2013”, the former

- cash settlement accounts (sub-account 220);
- cash funding accounts (sub-account range 221-229)<sup>5</sup>;
- cash market accounts for ESES markets (sub-accounts 261, 263, 265)

will be closed and the related functionality in CBF will be decommissioned.

#### [Description of change / customer impact](#)

This information announces the completion of T2S related implementation activities in the area of static data for accounts. This decommissioning task will consider CBF’s internal procedures, only. Customer shall not be affected as these accounts are not in use since CBF migrated to T2S.

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<sup>5</sup> This will not impact the newly setup accounts representing the Dedicated Cash Accounts.

## Decommissioning of market related information in 2017

After each T2S migration wave, CBF deleted the information of home market account data for the counterparty CSD participants once the respective CSD becomes a T2S In-CSD.

### Description of change / customer impact

After the implementation of T2S Final Wave, the concluding update of CASCADE screens for the transaction "KVAV" will be launched with the CBF Release in November 2017. That is, that the market information for Iberclear will be deleted. Hence, the proprietary account data is not available any longer and cannot be retrieved using the related functions "IA / IB".

The following participant information can be retrieved for the markets listed below, only. Please find below the description / text label that will be displayed starting 20 November 2017:

- 01 DE CBF                      GERMANY CBF
- 11 US DTCC                    USA DTCC
- 16 FI EFI                        FINLAND EFI
- 60 CBL AS ISSUER        CBL AS ISSUER
- 90 CH SIS AS ISSUER    SWITZERLAND SIX SIS AS ISSUER

The modification of the text might impact functional and / or organisational procedures of CBF customers.

The deletion of the market "25 IBERCLEAR" will be reflected in the KUSTA Data Carrier for markets.

Customers receiving the KUSTA Data Carrier "Markets" will receive a number of data sets indicating the deletion. These deletions will be reported on Monday, 20 November 2017. Customers need to be prepared that the participant information of Iberclear will not be reported any longer.

More information about the reorganisation of the KUSTA Data Carrier "Markets" can be found in the section "Decommissioning of KUSTA Data Carrier "Markets" in 2018".



## Reorganisation of KUSTA Data Carriers

Currently, Clearstream participants can receive information about CBF customers and T2S Out-CSD market member. The two files shown below are available:

- KUSTA Data Carrier “CBF Customers”;
- KUSTA Data Carrier “Market”.

Following the migration to T2S, CBF continues to optimise the processes and adapt current procedures.

After internal investigation and customer consultation, CBF started to revise the information provided about the CBF customers in file format. A modification will become necessary as the T2S settlement platform requires a T2S Party BIC. Additionally, with the implementation of MiFID II requirements the “Legal Entity Identifier (LEI)” will become an essential attribute for the regulatory reporting.

In future, the T2S Party BIC and the LEI shall be published for each CBF customer. If the customer opts for an “unpublished participant setup”, the CBF account number and these two flags shall be shown in the KUSTA Data Carrier “CBF Customers”. In August 2017, customers using an “unpublished participant setup” will receive an additional information about this envisaged change via email by the T2S Support Team. End of September 2017, the team will get in contact with customers who did not provide the LEI so far, as the information shall be available at the beginning of January 2018.

During the past years, the data in KUSTA Data Carrier showing the CBF related details was regularly enhanced. With the CBF Release November 2017 further information will be added. CBF customers requested to add the flag LEI and would like to see an indicator whether the CBF customer is set up to accept against payment instructions (“Teilnahme DvP”). After these enhancements have been incorporated, in a next step the KUSTA Data Carrier “CBF Customers” will be redesigned. The redesign will consider the future need of data currently delivered. As a result a modification of the format / structure will be introduced. The rollout of this redesign will be done in two steps. It will start with the removal of information in November 2017 and will be completed with a reorganisation of file format / structure in 2018. The second step is planned for May 2018. CBF will reconfirm the implementation date in due time.

Even though this announcement shows the changes in the KUSTA Data Carrier for CBF customers, CBF would like to advise that the KUSTA file that can be retrieved via the Clearstream website will be modified accordingly.<sup>6</sup>

Additionally, the market consultation regarding the KUSTA Data Carrier “Market” shows, that after the implementation of the T2S Final Wave, there is no more need to transmit participant information of the remaining T2S Out-CSD markets, where CBF maintains a direct link. Hence, with the launch of the redesigned KUSTA Data Carrier “CBF Customers”, the KUSTA Data Carrier “Markets” is planned to be taken from production in May 2018.

The redesign activities shall be concluded in May 2018. The layout of the CASCADE Online Functionality (HOST / PC) will be updated. The function “IB – Bank Information über Direkteinstieg” respectively „selection bank information” will be modified. A reorganisation of this screen and the selection criteria is planned. In future, customers can use the BIC, LEI or name as selection criteria. These modifications are highlighted on the next pages.

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<sup>6</sup> <http://www.clearstream.com/clearstream-en/keydocuments--1-/csd--1-/referencedata/customer-listings/kundenlisten/12344>

[Layout CASCADE Online "HOST": "KVAV"](#)

The screenshot indicates the lines that will be deleted as from May 2018.

```
TRAN: KVAV FC:      SB:

AUFTRAGSABWICKLUNG      V E R O E F F E N T L I C H U N G E N

VEROEFFENTLICHUNGEN/MITTEILUNGEN CLEARSTREAM BANKING, FRANKFURT

IS  SYSTEM-INFORMATIONEN ZUR AUFTRAGSABWICKLUNG CASCADE + RS
IW  INFORMATIONEN ZU WAEHRUNGSPARAMETERN
IM  MITTEILUNGEN CLEARSTREAM BANKING, FRANKFURT
ID  AKTUELLE DISPOSITIONS- UND BUCHUNGSINFORMATIONEN

IA  BANK-INFORMATION UEBER ALPHA-SUCHE
IB  BANK-INFORMATION UEBER DIREKTEINSTIEG

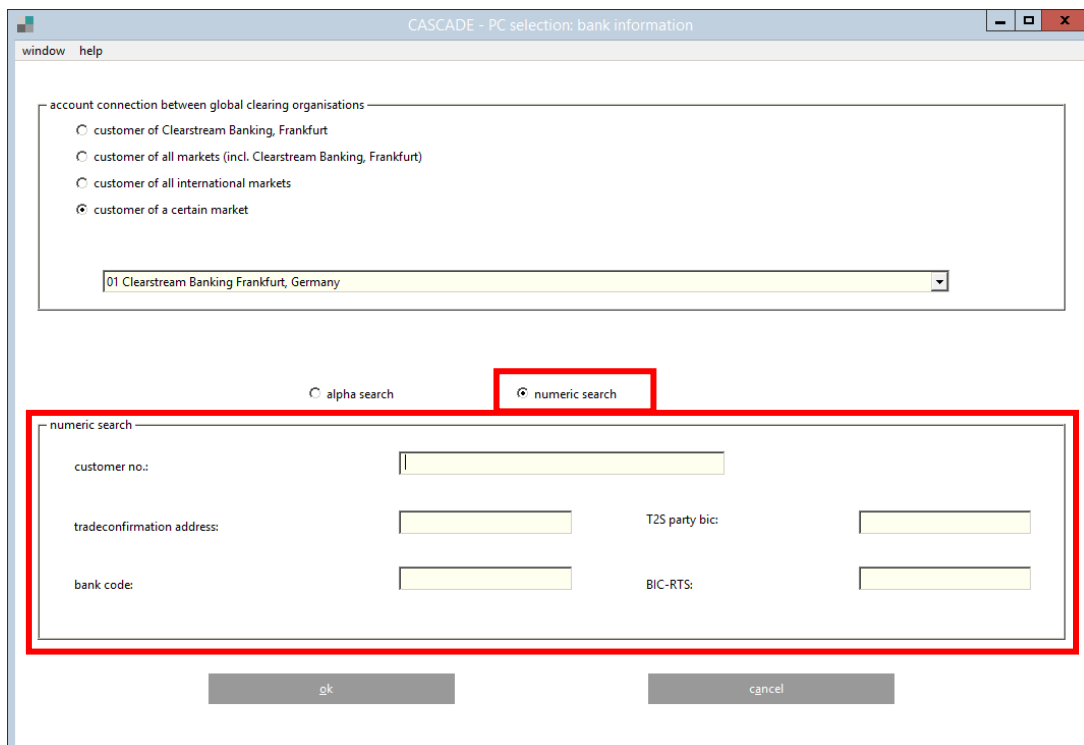
CBF-INTERNE INFORMATIONEN

II  ALLGEMEINE KUNDENINFORMATION
IE  INFORMATION KONTROLLE SELBSTBESICHERUNG

-- ID-KZ: 7907999999 -- PW:          ----- B790750I -- 08/06/17 --
17:36:15 --
PF3:Rücksprung  PF4:Abbruch
```

[Layout CASCADE-PC: „selection bank information“](#)

The screenshot indicates the option that will be deleted as from May 2018.



[Intended Layout CASCADE Online "HOST": "KVAV"](#)

The screenshot shows the intended layout as from May 2018.

```
TRAN: KVAV FC: IA SB:

AUFTRAGSABWICKLUNG          BANK-INFORMATION          VEROEFFENTLICHUNGEN

                                BANK          :
                                T2S PARTY BIC :
                                LEI           : _____

ALPHASUCHE VON:              BIS:

-- ID-KZ: 7907000198 -- PW:  ----- B79075OI -- 08/06/17 -- 16:29:49--
KV0014I Bitte Daten eingeben
```

## Implications of the changes in KUSTA Data Carrier "CBF Customers"

In general, today's selection criteria for the data delivered in the KUSTA Data Carrier for CBF customers remain unchanged.

In the future, the name and address details will be retrieved from the legal address given to CBF. This is different to today, where these details are retrieved from the account address.

In preparation for the redesign of the below mentioned data fields, starting with November 2017 no more information is transmitted. Depending of the format, the value is either presented as blank (" ") or zero ("0").

- Veröffentlichung / Indicator which data is provided;
- Postleitzahl / P.O. Box;
- Telefon, Telefax / Telephone, Fax;
- SWIFT Adresse / SWIFT Address;
- Buchungsart / Posting Type;
- CBF-Verrechnung / Clearing;
- Bankleitzahl / Bank Code Number;
- BIC-RTS / BIC-RTS;
- T2S Relevant / T2S Relevance.

On Monday, 20 November 2017, CBF will provide the KUSTA Data Carrier as usual. Customers using the file in delta mode will receive an enhanced reporting. All records, which are transmitted in the full report, will be made available via delta mode, too. CBF will provide this enhanced reporting once. Hence, customer are requested to be prepared.

The table on the following pages indicates the changes that will be introduced with the two-step approach.

- For each field it is advised whether the data remains unchanged or will be modified.
- "N/A" indicates that today's definition remain unchanged.
- Column "Modification 2017" highlights the details to be considered for 20 November 2017.
- Column "Modification 2018" advises changes that shall be implemented in May 2018.
- Any editorial change in the column "Description" is highlighted (sample: [text](#)).

At the end of this section, the final layout / structure of the future KUSTA Data Carrier "CBF Customers" is presented that shall become productive in May 2018. CBF would like to underline that the changes will become mandatory. Customers using the file need to be prepared for the rollout. With the early announcement, CBF would like to support the readiness activities and the time to get prepared on the customer side.

Redesign KUSTA Data Carrier “CBF Customers” – Modifications in 2017 and 2018

No.	Field name	Description	Format until 2018	Format as of 2018	Modification November 2017	Modification 2018
1	Satztyp	Indicator, whether this data set contains information about a „CBF Inland“ (domestic) account owner.	N(3)	deleted	N/A	This field will not be part in the future layout /structure.
2	Status	Indicator, whether this data set provides information on entry, modification or deletion.  <a href="#">This is also valid if the customer opts for an “unpublished participant setup”.</a>	A(1)	A(1)	N/A	N/A
3	CBF-ID	CBF number / bank number  Location N(3), Main account number N(5) For example: CBF-ID: 7002 → 00700002  <a href="#">This is also valid if the customer opts for an “unpublished participant setup”.</a>	N(8)	N(4)	N/A	The CBF account master (4-digits) will be presented and hence the format will be changed
4	Veröffentlichung	Indicator, which data is provided  Basic information (name, city, place of stock exchange). Entire information (all fields will be provided, if available.	N(1)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be “0”	This field will not be part in the future layout /structure.
5	Name	Name  <a href="#">as given in legal address of the account master; if the the customer opts for an “unpublished participant setup”, than “UNPUBLISHED PARTICIPANT” is shown.</a>	A(35)	A(71)	After the deployment of the CBF Release November 2017 the details will be retrieved from the legal address	The format of this field will be changed from A(35) to A(71)
6	Name Fortsetzung	Name - continuation if necessary	A(35)	deleted	N/A	This field will not be part in the future layout /structure. The format of the field “Name” will be changed; see line #5

No.	Field name	Description	Format until 2018	Format as of 2018	Modification November 2017	Modification 2018
7	Ort	City <a href="#">as given in legal address of the account master.</a>	A(30)	A(30)	Field name, field type and field length remains unchanged. Starting with the deployment in November 2017 the details will be retrieved from the legal address.	N/A
8	Börsenplatz	Place of Stock Exchange indicated by CBF-ID	N(3)	N(3)	N/A	N/A
9	AWV-Gebiet	German foreign trade regulations – Area	N(3)	N(3)	N/A	N/A
10	AWV-Land	German foreign trade regulations – Country	N(5)	N(5)	N/A	N/A
11	Kontengruppe	Account group	N(3)	N(3)	N/A	N/A
12	Strasse	Street <a href="#">as given in legal address of the account master.</a>	A(30)	A(30)	Field name, field type and field length remains unchanged. Starting with the deployment in November 2017 the details will be retrieved from the legal address.	N/A
13	Postfach	P.O. Box	A(10)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be “blank”; no data will be provided	This field will not be part in the future layout /structure.
14	Postleitzahl Strasse	Postal Code Street <a href="#">as given in legal address of the account master.</a>	A(5)	A(10)	N/A	The format will be changed.
15	Postleitzahl Postfach	Postal Code P.O. Box	A(5)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be “blank”; no data will be provided	This field will not be part in the future layout /structure.

No.	Field name	Description	Format until 2018	Format as of 2018	Modification November 2017	Modification 2018
16	Postleitzahl Großkunde	Postal Code Key Account	A(5)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
17	Telefon	Telephone	A(20)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
18	Telefax-Nummer	Fax	A(20)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
19	SWIFT-Adresse	SWIFT Address	A(12)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
20	Börsen-Teilnehmer	Stock Exchange Participant	N(3)	N(3)	N/A	N/A
21	Auslandsteilnehmer	Foreign Participant	N(3)	N(3)	N/A	N/A
22	EUREX-Teilnehmer	EUREX Participant	N(3)	N(3)	N/A	N/A
23	Buchungsart	Posting Type	N(3)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "0"	This field will not be part in the future layout /structure.
24	CBF-Verrechnung	BIC11 for CBF Clearing	A(11)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
25	Bankleitzahl	Bank Code Number	N(8)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "0"	This field will not be part in the future layout /structure.

No.	Field name	Description	Format until 2018	Format as of 2018	Modification November 2017	Modification 2018
26	BIC-RTS	BIC11 for RTS	A(11)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
27	Reg-Ueber	CBF number / bank number Location N(3), Main account number N(5) For example: CBF-ID: 7002 → 00700002	N(8)	N(4)	N/A	The CBF account master (4-digits) will be presented and hence the format will be changed
28	T2S Relevant	Indicator, whether the account master will be mapped to T2S  J (yes), N (no), NK (account only; only Securities Account (SAC))	A(2)	deleted	This field will be decommissioned, therefore starting with the CBF Release November 2017, the content will be "blank"; no data will be provided	This field will not be part in the future layout /structure.
29	T2S Party BIC	BIC 11 provided for processing at T2S  This field contains information only when the account master is relevant for a processing on the T2S settlement platform.  <a href="#">The T2S Party BIC will be provided for any CBF account master, even though the customer opts for an "unpublished participant setup".</a>	A(11)	A(11)	N/A	N/A
30	LEI	Legal Entity Identifier  20-character code that identifies distinct legal identities that engage in financial transactions.  <a href="#">The LEI will be provided for any CBF account master, even though the customer opts for an "unpublished participant setup".</a>	A(20)	A(20)	<a href="#">New value</a> that will be introduced with CBF Release November 2017	N/A
31	Teilnahme DvP	Indicator, whether against payment transactions will be possible	A(1)	A(1)	<a href="#">New value</a> that will be introduced with CBF Release November 2017	N/A



No.	Field name	Description	Format until 2018	Format as of 2018	Modification November 2017	Modification 2018
32	Filler	Filler	A(3)	A(116)	Range will be adapted in line with the changes introduced with CBF Release November 2017.	Range will be adapted in line with the redesign aimed to be introduced in May 2018.

End of table / description

Table 6 Redesign KUSTA Data Carrier "CBF Customers" – Modifications in 2017 and 2018

### Indicated structure KUSTA Data Carrier "CBF Customers" in 2018

The table below describes the future layout / structure of KUSTA Data Carrier "CBF Customers". The implementation is planned for May 2018.

Customers using the file need to be prepared for the rollout. Similar to the procedure in November 2017 also for this deployment an enhanced reporting is foreseen. All records, which are transmitted in the full report, will be made available via delta mode, too.

No.	Field name	Description	Format
1	Status	Indicator, whether this data set provides information on entry, modification or deletion. This is also valid if the customer opts for an "unpublished participant setup".	A(1)
2	CBF-ID	The CBF account master (4-digits) is presented.  This data is available, even though the customer opts for an "unpublished participant setup".	N(4)
3	T2S Party BIC	T2S Party BIC  This data is available, even though the customer opts for an "unpublished participant setup".	A(11)
4	LEI	LEI – Legal Entity Identifier  This data is available, even though the customer opts for an "unpublished participant setup".	A(20)
5	Name	Name  As given in legal address of the account master.  If the customer opts for an "unpublished participant setup", than "UNPUBLISHED PARTICIPANT" is shown.	A(71)
6	Strasse	Street	A(30)
7	Postleitzahl Strasse	Postal Code	A(10)
8	Ort	City	A(30)
9	Börsenplatz	Place of Stock Exchange indicated by CBF-ID	N(3)
10	AWV-Gebiet	German foreign trade regulations – Area	N(3)
11	AWV-Land	German foreign trade regulations – Country	N(5)
12	Kontengruppe	Account group	N(3)
13	Börsen-Teilnehmer	Stock Exchange Participant	N(3)
14	Auslandsteilnehmer	Foreign Participant	N(3)
15	EUREX-Teilnehmer	EUREX Participant	N(3)
16	Reg-Ueber	The CBF account master (4-digits) is presented	N(4)
17	Teilnahme DvP	Indicator, whether against payment transactions will be possible	A(1)
18	Filler	Filler	A(116)

End of table / description

Table 7 Future format / structure of KUSTA Data Carrier starting in 2018

## Decommissioning of KUSTA Data Carrier “Markets” in 2018

With the CBF November Release 2017, the CBF will finalise the update for market and participant data, as Iberclear will migrate on T2S on 18 September 2017. More information can be found in the previous section “Decommissioning of market related information”.

The market consultation regarding the KUSTA Data Carrier “Market” shows, that after the implementation of the T2S Final Wave, there is no more need to transmit participant information of the remaining markets, where CBF supports a T2S Out-CSD setup and maintains a direct link. Hence, the KUSTA Data Carrier of markets is planned to be taken from production in May 2018.

## **Customer simulation activities in November 2017**

Customers may decide to enter test cases in the CBF Customer Simulation environment (IMS23) in light of the changes induced by T2S or enhanced CBF functionality.

According to the ECB planning, the updated software for T2S Release 1.3.1 will be implemented on 16 October 2017 in the T2S Pre-Production Environment (UTEST). CBF will align the availability of the enhanced software in IMS23 accordingly and keep customers informed. With this announcement, CBF would like to inform its customers that a downtime will become necessary before customers can start with their simulation activities. After the stabilisation period for the CBF’s activities related to the migration of the T2S Final Wave, the IMS23 will be closed starting on 2 October 2017 and will be re-opened on 16 October 2017.

Please be informed, that the participation in testing for the release in November 2017 is optional and customers can execute their test cases on their demand. The content and period of the simulation for CBF T2S-related enhancements have been aligned with the CBF Release November 2017 activities. Therefore, the test window will be opened on 23 October 2017 with all software updates induced by CBF. Having the functional enhancement for the areas “Static Data” and “Corporate Actions Processing (KADI)” in mind, CBF will support the customers. Test data for these changes will be set up. Currently, it is planned to offer for

- Static Data – KUSTA Data Carrier “CBF Customers”  
a test file that can be made available in the first week of November 2017;
- Corporate Actions Processing (KADI) – Event Type “Conversion (TA 232)”  
two events beginning of November 2017. More information regarding the event details (“Focus Days”) will be provided in due time.

In order to set up the necessary test data, the CBF T2S Support Team requires a registration for the dedicated test cases (“Focus Days”). The registration form will be provided in due time.

Regarding the enhancement of the CBF Cash Forecast reporting an end-to-end test is planned to be scheduled with Eurex Clearing AG. This test requires an alignment with the CCP test calendar. Currently it is envisaged to enable the end-to-end flow in the timeframe 23 to 28 October 2017.

## CBF Customer Readiness Plan until end of 2017

Overview of important milestones in the upcoming months

<b>October 2017</b>	2 to 16 October	The CBF Customer Simulation environment (IMS23) will be closed. During the timeline the software updates will be installed.
	16 October	ECB will deploy T2S Release 1.3.1 in UTEST.
	23 October	The customer simulation period for T2S Release 1.3.1. and CBF T2S related enhancements for November Release 2017 will start.
	30 October	Static data for account masters shall be modified to allow the publication of account details in KUSTA Data Carrier.

<b>November 2017</b>	6 November	CASCADE-PC software version 9.3 will be ready for download (mandatory release).
	9 November	T2S Release 1.3.1. "Go/No-Go Decision" by CSD Steering Group.
	20 November	Launch date for CBF November Release, CBF T2S related enhancements and T2S Release 1.3.1.

<b>December 2017</b>	1 December	The "Legal Entity Identifier (LEI)" needs to be presented to CBF in order to update the static data for account masters.
	22 December	The CBF Customer Simulation environment (IMS23) will be closed until year-end.

## Contact

The T2S Support team will be able to answer your questions regarding the scope of the T2S Release 1.3.1 and CBF enhancements.

Please note that after the successful deployment of the Release November 2017 our Client Services Teams will be responsible for any questions of the customers pertaining to production processes.

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## Appendix

### A. T2S Release Concept

<p>Q1 February</p>	<ul style="list-style-type: none"><li>– A “<b>problem release</b>” is planned for the third weekend in February</li><li>– This release brings the resolution of reported problems in production</li><li>– The concept defines a testing period of <b>two weeks in UTEST</b>; that is so CSD participants can execute their test cases for the upcoming deployment</li></ul>
<p>Q2 June</p>	<ul style="list-style-type: none"><li>– A “<b>major release</b>” is planned for the second weekend of June</li><li>– This release will cover functional enhancements, meaning it will contain T2S changes. It might contain the resolution of reported problems in production</li><li>– The concept defines a testing period of <b>eight weeks in UTEST</b>; that is so CSD participants can execute their test cases for the upcoming deployment</li></ul>
<p>Q3 September</p>	<ul style="list-style-type: none"><li>– A “<b>problem release</b>” is planned for the third weekend in September</li><li>– This release brings the resolution of reported problems in production</li><li>– The concept defines a testing period of <b>two weeks in UTEST</b>; that is so CSD participants can execute their test cases for the upcoming deployment</li></ul>
<p>Q4 November</p>	<ul style="list-style-type: none"><li>– A “<b>minor release</b>” is planned for the third weekend in November</li><li>– This release bring the resolution of reported problems in production. It can potentially contain functional enhancements if decided by the different T2S committees</li><li>– The concept defines a testing period of <b>four weeks in UTEST</b>; that is so CSD participants can execute their test cases for the upcoming deployment</li></ul>

## B. Scope of Launch Dates – Potential Release Items

<b>T2S Change Requests (CRs)</b>	<ul style="list-style-type: none"><li>– The nature of a change request (CR) is to enhance existing software.</li><li>– T2S changes might bring new services or enrich the existing functionality</li><li>– CBF's investigation might show that there is a need to modify its software to ensure today's processing</li><li>– There might be an impact for customers acting in ICP and DCP mode. Hence, customers are requested to analyse their internal procedures. Also, customers might be forced to modify their software</li></ul>
<b>T2S Problem Tickets (PBIs)</b>	<ul style="list-style-type: none"><li>– A production issue (PBI) which requires a software fix is deployed with a T2S Release. With the updated software the originally defined functionality / service will be made available</li><li>– In general, such deployments shall not result in software changes. Existing, potential workarounds can be avoided. Hence, customers acting in ICP and DCP mode can execute the procedures as initially planned</li></ul>
<b>CBF Software Enhancement</b>	<ul style="list-style-type: none"><li>– T2S Change Requests can result in modifications of the CBF software</li><li>– CBF aims to absorb the impacts on customers as much as possible</li><li>– If a customer impact is assumed, a notification will be sent in due time</li><li>– Customers acting in DCP mode are requested to analyse if there is a potential impact</li></ul>