
CBF Release Information May and June 2018

March 2018

CBF Release Information

May and June 2018

March 2018

Document number: 7201

This document is the property of Clearstream Banking AG, Frankfurt ("Clearstream Banking" or "CBF") and may only be changed with prior written consent obtained from Clearstream Banking. The information in this document is subject to change without notice and does not represent any obligation on the part of Clearstream Banking, a subsidiary or other affiliate of Clearstream International, S.A.

Unless otherwise stated, all times are given in Central European Summer Time (CEST).

© Copyright Clearstream Banking AG, Frankfurt (2018). All rights reserved.

Clearstream Banking AG, Frankfurt is a Deutsche Börse Group company.

Foreword

Clearstream Banking AG, Frankfurt informs customers about the content of the releases that will be introduced in May and June 2018.

Based on the preannounced release plan, CBF will introduce enhancements in May 2018. This release will deliver updates of existing CBF functionality and serve as a preparation for the implementation of the TARGET2-Securities (T2S) Release 2.0.

The deployment for the CBF and T2S enhancements will be delivered in a two-steps approach.

On Monday, 7 May 2018 CBF will launch its Release May 2018.

Starting Monday, 11 June 2018 the T2S Release 2.0 will be productive.

This information summarises the scope of both releases. It provides an overview of the enhancements in the CBF environment that are necessary to support the further usage of the T2S functionality. Additionally, it describes the modifications of the CBF functionality that will enrich the existing services.

Furthermore, the intended customer simulation activities for the T2S and CBF releases are outlined.

The accompanying "Customer readiness plan" can be used to coordinate necessary actions and provide feedback to CBF in due time.

Further information

For further information about our products and services, please visit our Website www.clearstream.com or contact Clearstream Client Services or your Relationship Officer. Particular questions will be routed to the experts of the T2S Settlement Functionality team.

You will find the relevant contact details on our website under [Contacts & Client Services](#).

Recorded telephone conversations may be listened to in order to:

- Clarify a sequence of events in cases of complaint or doubt from either party to a conversation that could lead to financial or any other damage;
- Enable the temporary supervision of calls while they occur, upon consent of the involved parties, to ensure the delivery of expected levels of professionalism, quality and service to customers.

The recorded telephone lines are the subject of an ongoing formal maintenance and quality control programme to ensure their continued effective and appropriate deployment and operation.

The recordings are kept on tape for a period of two years.

This page has intentionally been left blank.

Contents

Foreword	iii
Further information	iii
1. Introduction	7
2. Scope of the CBF and T2S Releases	9
3. CBF Cash Management Services	11
3.1 T2S Auto-Coll on CBF main account.....	11
3.2 Inclusion of the DCA in T2S Auto-Collateralisation related messages	14
3.3 Enhancement of Cash Forecast report details	16
4. CBF Instruction Management (CASCADE)	17
4.1 Bilaterally Agreed Treasury Management (BATM) operations	17
4.2 Usage of ISO transaction code "CLAI" in OTC instructions	18
4.3 Allow instructions after maturity date.....	21
4.4 CASCADE Online queries - Usage of T2S "MITI" (new).....	22
5. Connectivity	23
5.1 Multiple pending reason codes	23
5.2 Handling of leading and trailing "blanks"	23
5.3 Update CASCADE-PC.....	24
6. Static Data	25
6.1 Decommissioning of market related information.....	25
6.2 Reorganisation of the KUSTA Data Carrier "CBF customers"	25
7. Custody (new)	27
7.1 Disclosure of the DCA Reference for compensations with T2S In-CSDs	27
8. Taxbox	28
8.1 Enhancements linked to the German Investment Tax Reform Act.....	28
9. Customer simulation activities	31
10. CBF Customer readiness plan	32
Appendix A – T2S release concept	33
Appendix B – Scope of launch dates – Potential Release Items	34
Appendix C – CASCADE screenshot "Cash Forecast"	35
Appendix D – CASCADE screenshot "instruction entry"	36
Appendix E – CASCADE screenshots "bank information"	37
Appendix F – CASCADE screenshots related to "MITI" (new)	40
Appendix G – KUSTA Data Carrier for CBF customers	42

This page has intentionally been left blank.

1. Introduction

Based on the T2S Release Concept¹ T2S will deploy with the release in June 2018 the resolution for various T2S Problem Tickets (PBIs) and introduce further settlement functionality (T2S Change Requests). CBF will upgrade its services related to T2S. In addition, dedicated CBF functionality will be introduced to enhance the key features designed for the financial industry.

In order to ensure a proper implementation and to decouple the T2S Release deployment activities from the introduction of CBF services the roll-out will be delivered in a two-step approach. On Monday, 7 May 2018 the CBF Release will become productive. The software will be deployed during the CBF maintenance window on Saturday, 5 May 2018 without any impact on the operational day. This release contains functional enhancements that purely enhance the scope of CBF services and considers the components that are required for the T2S Release 2.0. These T2S components will be activated during the T2S deployment weekend.

The installation of T2S Release 2.0 into production is foreseen on the second weekend in June 2018. Due to the size of the T2S Release the deployment will be executed via "Release Weekend Schedule". Currently it is expected that there will be changes in the T2S Operational Day for the start of the business day Monday, 11 June 2018, after the end of day procedure for Friday, 8 June 2018 has been completed.

CBF will provide an indicative timeline for changes in the operational day during the release weekend. [This schedule is based on the procedure used for the deployment of T2S Release 1.3. This already known model will be reused so that customers can orientate themselves on the transmission times of past year's CBF reporting.](#) The details about the customer readiness activities are outlined in the chapter 10.

Please find below an overview of the important T2S milestones within the upcoming months:

T2S Service Transition Plan - Activity for T2S Release 2.0	Date
Publication of T2S Detailed Functional Specification (UDFS) V 3.0	FRI, 2 MAR 2018
PMG approval of the Transition Plan for UTEST	TUE, 20 MAR 2018
Go / No-Go deployment in UTEST by Operations Managers Group	THU, 22 MAR 2018
Deployment to UTEST	THU, 29 MAR 2018
End of testing of scope elements in UTEST	FRI, 18 MAY 2018
PMG approval of the Transition Plan for UTEST	FRI, 25 MAY 2018
Final approval of deployment to Production by Market Infrastructure Board	FRI, 30 MAY 2018
Deployment to Production environment	FRI, 8 JUN 2018, starting at 20:00

Table 1 – T2S Timeline Release 2.0

Based on the "T2S Service Transition Plan", CBF will enable a dedicated customer simulation that combines the software changes for CBF and T2S functionality. The details about the customer simulations activities are outlined in the chapter [9](#).

¹ For details please refer to Appendix A and Appendix B for T2S release concept.

1. Introduction

[Before and during the T2S deployment weekend "Operational News" will be published on Clearstream website, which CBF customers can subscribe to be informed about the progress of the implementation of T2S Release 2.0. The following table provides an overview of the planned "Operational News" and respective "Alerts". Customers who would like to be informed constantly on the progress can set up the subscription of "Alerts" for "Operational News" in the MyClearstream section under Subscriptions / Real-time alerts. CBF recommends customers this setup, which can be adjusted at any time, by 30 May 2018 at the latest.](#)

Alert	Milestone	Due Date / Time (CEST)
#1	T2S Release Weekend Schedule – Latest status for planning	Friday, 1 June 2018, 18:00
#2	Completion of CBF End of Day Processing Friday, 8 June 2018	Friday, 8 June 2018, 19:00
#3	Green Light for T2S Software Deployment	Friday, 8 June 2018, 20:00
#4	Point of No Return for T2S Release 2.0	Saturday, 9 June 2018, currently the time is not defined
#5	Start of Transmission of CBF Settlement Messages / Reports	Sunday, 10 June 2018, currently the time is not defined
#6	Green Light for T2S Maintenance Window	Sunday, 10 June 2018, 10:00 time will be reconfirmed

Table 2 – T2S Release 2.0 Customer Communication Schedule

[Once an above-mentioned milestone has been achieved, CBF will promptly publish the "Operational News" and send the respective "Alert".](#)

This document shows the important milestones to achieve customer readiness. The overview can be found in chapter [10](#).

2. Scope of the CBF and T2S Releases

CBF informs customers about the content of the T2S Release 2.0. This release includes a number of T2S Change Requests (CRs) that have been approved at T2S Steering Level and resolutions for various T2S Problem Tickets (PBIs) that have received priority by the T2S Settlement Managers. The announced T2S CRs and PBIs will be deployed in June 2018 in production. However, in case of urgency and if priority is given, further functional updates might be authorised. If changes will be announced by T2S, CBF will publish an update of the attachments delivered with this Release Information.

CBF customers will find together with this Release Information two files:

- T2S Release 2.0 Overview CRs Version 1.0;
- T2S Release 2.0 PBIs Version [2.0](#).

These lists² show the latest descriptions about the related T2S Change Requests (CRs) and Problem Tickets (PBIs), which might have impact on CBF's customers acting in ICP and / or DCP mode.

Customers acting in DCP mode will find an indication whether a T2S Change Request requires an update of the XSD. The column ("XSD Change for DCP") indicates if the T2S Change Request demands a change. More details on such requirements can be found in the related ECB documentation² and via MyStandards (SWIFT). On 26 January 2018, the T2S Service Desk informed that all XSD files used for T2S processing have been updated for the T2S Release 2.0. The vast majority of the files have been updated so that the documentation is consistent with the description in the UDFS version 3.0.

CBF will introduce its enhancements with the Release in May 2018. Besides the CBF service updates, changes in CBF systems that are induced by several T2S Change Requests are introduced as well. The table on the next page provides an overview of the service enhancements in various business areas. The modifications might impact the functional and organisational procedures of CBF customers. Therefore, we ask our customers to assess the CBF and T2S implementation requirements.

² Please refer to <http://www.ecb.europa.eu/paym/t2s/governance/tg/html/crg.en.html>

2. Scope of the CBF and T2S Releases

Business area	Modification / enhancement	Impact on ICP / DCP	Comment	Launch date
CBF Cash Management Services	T2S Auto-Coll on CBF main account	Both, if the customer uses the T2S Auto-Coll service	Service upgrade; optional use	11 June 2018
	Inclusion of Dedicated Cash Account (DCA) in T2S Auto-Coll related messages	Both, if the customer uses the T2S Auto-Coll service	Modification is based on T2S CR 588	11 June 2018
	Enhancement of CBF cash forecast report details	Both, if the customer uses CBF or T2S cash forecast reporting	Modification is based on T2S CR 540	11 June 2018
CBF Instruction Management (CASCADE)	Bilaterally Agreed Treasury Management (BATM) operations	Both, if the customer uses BATM flag	Bug fix delivered with T2S CR 640	11 June 2018
	Usage of ISO transaction code "CLAI" in OTC instructions	Both	Service upgrade; optional use a) CCPs using PFoD instruction b) CBF customers	Two-step approach a) 7 May 2018 b) 11 June 2018
	Allow instructions after maturity date	Both	Modification is based on T2S CR 515	11 June 2018
	CASCADE Online queries - Usage of T2S "MITI"	ICP, if the CASCADE Online functionality is used	Service upgrade; optional use	7 May 2018
Connectivity	Multiple pending reason codes (combination lack of securities and lack of cash)	Both, if the customer uses the T2S Auto-Coll service	Modification is based on T2S CR 621	11 June 2018
	Handling of leading and trailing "blanks"	Both	Modification is based on T2S CR 649	7 May 2018
	Update CASCADE-PC	ICP, if the CASCADE-PC functionality is used	Mandatory installation of version 9.4	7 May 2018
Static Data	Decommissioning of market related information	ICP, if the customer uses CASCADE Online functionality (HOST / PC) or the KUSTA Data Carrier for markets	More details can be found in the CBF customer announcement D17044	7 May 2018
	Reorganisation of the KUSTA Data Carrier for CBF customers	ICP, if the transmission of the file is ordered or will be downloaded from the website	More details can be found in the CBF customer announcement D17044	7 May 2018
Custody	Disclosure of DCA reference for compensations with T2S In-CSDs	Both, if KADI generate message types are used	Service upgrade; optional use	7 May 2018
Taxbox	Enhancement linked to the German Investment Tax Reform Act (InvStRefG)	ICP, if Taxbox service is used	More details can be found in the document "Datenverteilung im Rahmen der Abgeltungssteuer „Datenfelddokument" (Vorabversion für Mai 2018)"	7 May 2018

Table 3 – Overview of the service enhancements

The modifications and enhancements listed in the above-mentioned table are described in the following sections. Each section has the following structure. For each "Business area" a small introduction is given. Within this area, the enhanced functionality is outlined. Hereby, it shows the description of the changes and if applicable, provides indications on the potential customer impact.

3. CBF Cash Management Services

With the migration of T2S Wave 4, CBF became the gateway for efficient cash management. Customers can link multiple Dedicated Cash Accounts (DCAs) to their securities accounts. In order to support customers managing their liquidity as efficiently as possible, CBF offers an extended Cash Forecast that 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.

The T2S Auto-Coll functionality has been integrated in the CBF application landscape. Since the migration on T2S, this service is offered via dedicated CBF sub-accounts.

With the implementation of the T2S Release 2.0, CBF will enhance the cash forecast in line with the T2S update.

Additionally, CBF will extend the T2S Auto-Coll service offering to enable the functionality via CBF main accounts. Customers can decide whether a new CBF main account shall be opened, an existing CBF main account shall be upgraded or the existing sub-account solution shall remain as today.

3.1 T2S Auto-Coll on CBF main account

The T2S Auto-Coll provides automatically collateralised intraday liquidity when there is not enough liquidity provisioned on a Dedicated Cash Account (DCA) to settle a delivery versus payment transaction.

In T2S, positions that can be used as collateral source for T2S Auto-Coll have to be segregated from positions not to be used for this service. In line with the T2S procedures, CBF earmarks the CBF customer sub-account with "EXXX" (eligible for T2S Auto-Coll in all currencies) or "EEUR" (eligible for Euro only) to ensure that T2S recognises the positions on this account as the source for T2S Auto-Coll.

Currently, this service is available via dedicated sub-accounts. After T2S introduced the T2S CR 595 "Allow settlement restrictions and settlement instructions to impact positions other than the earmarked restriction type used at the securities account level"³ with T2S Release 1.3 on 8 July 2017, CBF is now in the position to enhance the earmarking procedure for registered shares. With the implementation of the T2S Release 2.0, a CBF main account (xxxx 000) can be flagged for T2S Auto-Coll, too. The enhanced solution will support the liquidity management for OTC, stock exchange and CCP transactions.

As today, the usage of the T2S Auto-Coll service is optional. Customers that opted for a solution via a dedicated sub-account can use this setup also in future. There will be no automated conversion from the sub-account procedure to the main account procedure. The customer can decide whether to enable the service on the main account, too.

Customers who have opted for a dedicated sub-account solution can continue to use this setup in the future. After the implementation of the extended T2S Auto-Coll functionality, it is possible to hold registered positions in registered shares on the existing sub-accounts. These holdings are earmarked with a position type for CASCADE-RS and are therefore not available for T2S Auto-Coll.

Customers that would like to start using the T2S Auto-Coll service via an existing CBF main account must consider that a transition of the account will become necessary. This transition requires an interaction with the T2S settlement platform for the static data of the securities account (SAC) as well as the earmarking for existing holdings and pending instructions. For these activities, a dedicated transition plan will be set up in close cooperation between the customer, T2S and CBF.

³ Please refer to CR [T2S 0595 SYS](#) for more details.

3. CBF Cash Management Services

Description of the changes

In order to allow the earmarking of positions for T2S Auto-Coll, the CASCADE-RS processing will be enhanced. It will only apply for CBF main and sub-accounts that have been flagged for T2S Auto-Coll. The solution will be integrated in the existing technical processes. There will be no additional operation or interaction with a customer opting for the T2S Auto-Coll service. In addition, the procedures with the share register will remain unchanged.

The entire message flow regarding the earmarking related to T2S Auto-Coll and CASCADE-RS positions will be managed via CBF and T2S. As today, ISO 20022 intra position movements (semt) messages will be transmitted to T2S. Based on the message subscription in T2S, customers acting in DCP mode and operating their CBF main account with T2S Auto-Coll functionality will receive additional T2S "semt" reporting resulting from the enhanced processing.

If a customer opts for the T2S Auto-Coll service on a main or sub-account where CASCADE-RS holdings will be held, CBF will enrich the message flow for the following instruction types:

- Umschreibung / Re-registration (MT500)
CASCADE-RS creates a restriction message (semt.013) and forwards it to T2S during the allocation run to move the position from AWAS, EXXX or EEUR depending on the setting of the account to RSHB.
- Ersteintragung / Initial Registration (MT500)
CASCADE-RS sends one semt.013 with a Pool ID to T2S to move the position from RSKE to AWAS, EXXX or EEUR depending on the setting of the account. In a following step the position will be moved from AWAS, EXXX or EEUR to RSHB. T2S will confirm the settlement of both intra-position movement via semt.015.
- Bestandsübertrag / De-registration (MT542)
For the de-registration instruction CBF submits a position transfer to T2S. CBF creates additionally one semt.013 to ensure that the RSHB position is decreased. The semt.013 is linked to the sese.023 via Pool ID. Afterwards CASCADE-RS blocks the requested positions and releases the instruction in T2S if the position check was successful. The position transfer from position type RSHB to EXXX or EEUR is settled within T2S (semt.015). The settlement of the position transfer in T2S is confirmed back (sese.025). If T2S Auto-Coll applies, T2S books according to the account flag ("EXXX" or "EEUR").
- Externer Depotübertrag / External Account Transfer (MT542)
If T2S Auto-Coll applies on the account of the delivering party, CBF creates additionally one semt.013 to ensure that the RSHB position on this account is decreased. On settlement date, CASCADE-RS checks the registered position on the deliverer's side and reserves the positions on the account. Then CBF will release the instruction for settlement in T2S. Settlement of intra-position movement in T2S is confirmed via semt.015. When delivering securities via account transfer the position credited to the receiving party bears the position type AWAS, EXXX or EEUR in T2S. In order to ensure that the position is finally credited to position type RSHB, CBF has automatically generated a semt.013 towards T2S to move the positions from AWAS, EXXX or EEUR depending on the account flag to RSHB on the receiving side.
- Wertpapierübertrag Emissionseinführung / Transfer of unregistered position Corporate Actions (MT540 – MT543)
If T2S Auto-Coll applies on the account of the delivering or receiving party, CBF creates additionally semt.013 linked ("WITH") to the respective sese.023 for the applicable account. After successful matching, on the settlement date, CASCADE-RS checks the registered position on the deliverer's side and reserves the positions on the account. Then CBF will release the instruction for settlement in T2S. The settlement of the intra-position movement will be confirmed via semt.015 to the party using the T2S Auto-Coll service, that is either the delivering, receiving or both parties.

Potential customer impact

All CBF customers can apply for the enhanced T2S Auto-Coll service. Depending on the existing account structure of the customer and the future use of the auto-collateralisation solution, a transition phase must be considered.

- Opening a new CBF main account

The upgraded T2S Auto-Coll service can be immediately applied. The static data for the securities account (T2S SAC) will be introduced with the T2S Auto-Coll flag "EEUR" or "EXXX" as defined by the customer. There will be no transition phase necessary

- Upgrading an existing CBF main account

Interested customers are asked to get in contact with their Relationship Manager to renew their account opening forms. Depending on the existing setup, a transition plan will be developed.

During the transition, CBF will change the account settings and maintain the position type of the T2S SAC. In addition, all holdings will be earmarked with the requested restriction type ("EXXX" or "EEUR") by using intra-position movements messages (semt.013).

As part of the transition, pending CASCADE-RS instructions as well as KADI and Vaults involving registered shares must be cancelled. It means, pending instructions resulting from de-registration or external account transfers are requested to be cancelled by the customer prior to the transition activities. A pending delivery of a FMB-KE position requires bilateral cancellation. The table below shows the instruction types that are concerned:

Instruction Types			Connectivity Mode
Code	Name English	Name German	
AA01 B	RS Position transfer for de-registration except withdrawal	RS Bestandsübertrag für De-registrierung außer Rücktausch	ICP
AA01 E AA02 E	RS "Emissionseinführung"	RS "Emissionseinführung"	ICP
AA01 P	RS Account transfer	RS Depotübertrag	ICP
AA01 W	Partial / full rights	Vollrechte / Teilrechte	ICP
AA13	KADI – Non Income, if registered shares are involved	KADI - Non Income, wenn Namensaktien instruiert wurden	n/a
AA16	Deposit, if registered shares are involved	Einlieferung, wenn Namensaktien instruiert wurden	ICP

Table 4 – Summary of instruction types concerned by T2S Auto-Coll on Main Account

- Reuse of the existing sub-account solution

Today's service will apply. Customers do not have to change the procedure. The existing functionality remains unchanged. The extended T2S Auto-Coll functionality enables safekeeping of registered shares on the existing sub-account.

Irrespective of the customer account setting for the T2S Auto-Coll Service, the following changes related to the settlement services are required if they are used by the customer:

- Instruction linking via Pool-ID

Due to the necessary item intra position movements for T2S Auto-Coll holdings, it will no longer be possible to enter a link for the below both instruction types:

- AA01 B RS Position transfer for de-registration except withdrawal // RS Bestandsübertrag für De-registrierung außer Rücktausch
- AA01 E / AA02 E RS "Emissionseinführung".

3. CBF Cash Management Services

- Corporate action processing via KADI (Kapitaldienste) for non-income events related to the event types TA211 "Without intermediate rights", TA222 "Write-off of worthless securities" and TA232 "Reclassification, conversion, merger, split"
The settlement reporting for the transfer from "RSHB" in "RSKE" will be modified.
 - Customers acting in ICP mode will receive only one settlement confirmation per ISIN and customer account via MT544 / MT546 and the related information via MT536, if subscribed by the customer
 - Customers acting in DCP mode will receive a similar reporting a transmitted in ICP mode. Only one message ("sese.023", "sese.24", and "sese.025") can be received. However, additional messages related to the Intra Position Movement ("semt.013", "semt.014", and "semt.015") can be transmitted. There will be two Intra Position Movements for the original settlement instruction.
- Usage of Intra Position Movement Confirmation (semt0.15)
After the transition, customers acting in DCP mode and operating the CBF main account with T2S Auto-Coll functionality might receive additional T2S "semt" reporting, as the transmission of the reporting depends on their message subscription setup in T2S. However, CBF recommends these customers to subscribe to semt.015 to monitor the intra-position movements related to the CASCADE-RS processing. Additionally, it must be considered, that the position type that is reported in sese.025 is the same position type as defined in the account settings ("EXXX" or "EEUR") and differs from the details provided in sese.023, which is either AWAS, RSHB or RSKE.

3.2 Inclusion of the DCA in T2S Auto-Collateralisation related messages

The modification regarding the T2S CR 588 "Inclusion of the Dedicated Cash Account (DCA) in the T2S Auto-Collateralisation messages; that is in T2S generated instructions related to the Securities Settlement Transaction Generation Notification (sese.032) and / or the corresponding settlement confirmations (sese.025)" will become productive with the T2S Release 2.0 on 11 June 2018.

T2S generated settlement instructions for the purpose of T2S Auto-Coll will be enriched to show:

- The counterparty DCA; that is to identify the dedicated cash account of the counterparty of the collateral instruction.
- The counterparty DCA owner; that is to identify the account owner of the dedicated cash account of the counterparty of the collateral instruction.

Based on this modification, CBF will enrich its current ICP reporting. In future, for T2S generated Auto-Collateralisation instructions, customers will be informed about the related DCA in the settlement reporting and via CASCADE Online functionality (HOST / PC). Hereby the details in opening and reimbursement (closing) instructions will be updated.

Description of the changes

CBF uses the content of the T2S "Securities Settlement Transaction Generation Notification" (sese.032) to maintain the CASCADE instruction database. The information is populated in the relevant reporting and on CASCADE Online screens. Although this chapter mainly describes changes for customers acting in ICP mode, information is added for customers operating in DCP mode.

Customers acting in DCP mode that subscribed the sese.032 must consider that the related XSD file will be updated for the deployment of T2S Release 2.0.

Customers acting in ICP mode using the T2S Auto-Coll functionality will receive the information about the DCA according to the specification provided by T2S. The DCA that is provided in a message depends on the status of the T2S Auto-Collateralisation transaction (opening or reimbursement) and the role (credit consumer or National Central Bank).

3. CBF Cash Management Services

The below-mentioned ISO15022 message types will be updated for the connectivity channels established via SWIFT, MQSeries, and File Transfer:

- MT545 Receive against Payment Confirmation;
- MT547 Deliver against Payment Confirmation;
- MT548 Settlement Status and Processing Advice;

In these message types, the DCA will be provided in “Optional Sequence B Settlement Transaction Details” using the optional field “Settlement Instruction Processing Narrative” (:70E::SPRO//CDCA)⁴.

- MT536 Statement of Transactions

In this message type, the DCA will be provided in “Optional Subsequence B1a2 Transaction Detail” using the optional field “Transaction Details Narrative” (:70E::TRDE//CDCA)⁴.

The following mapping table shows the DCA provided in a message depending on the business case (opening or reimbursement) of a T2S Auto-Collateralisation transaction:

T2S Auto-Collateralisation business case	CBF reporting to customer	CBF reporting to National Central Bank (NCB)
Opening collateral instruction	ISO Transaction Code: COLO Debit SAC: Collateral providing account of collateral providers Credit DCA: Credit consumer DCA of NCB will be reported	ISO Transaction Code: COLI Credit SAC: Intraday collateral receiving account of NCB Debit DCA: NCB DCA of credit consumer will be reported
Reimbursement instruction	ISO Transaction Code: COLO Credit SAC: collateral providing account of collateral providers Debit DCA: Credit consumers DCA of NCB will be reported	ISO Transaction Code: COLI Debit SAC: Intraday collateral receiving account of NCB Credit DCA: NCB DCA of credit consumer will be reported

Table 5 – Summary T2S Auto-Collateralisation instructions

Customers using the [CASCADE Online functionality \(HOST / PC\)](#) can retrieve the DCA number of the T2S Auto-Collateralisation instruction via the screens listed in the table below:

Online functionality	Realignments	Movements
HOST	Auftragsabwicklung Information Auftragsstatus TRAN: KVAI // FC:AA KZ-AA = I	Umsatzanzeige Depotumsätze Inland Auswahl TRAN: KVDU // FC: ID
PC	OTC instruction history: information	Movements: booked movements

Table 6 – Overview CASCADE screens related to T2S CR 588

⁴ The comprehensive field description is available in the [CBF Connectivity Handbook Part 2](#).

3. CBF Cash Management Services

Potential customer impact

CBF will provide the DCA number for T2S Auto-Collateralisation instructions in optional fields, only. Customers and their related National Central Banks (NCBs) that subscribed to the CBF settlement reporting in STP (straight-through processing) mode might use the DCA number for their internal procedures. These customers can update the internal systems on their demand.

Customers acting in DCP mode should consider the upgrade of the underlying XSD file. More information about this change can be found in the related ECB documentation⁵ and MyStandards (SWIFT).

After the implementation of the release, the relevant DCA will be reported for T2S Auto-Collateralisation instructions starting with the settlement date 11 June 2018. No transition phase will be necessary, as T2S Auto-Collateralisation instructions must not be pending overnight.

3.3 Enhancement of Cash Forecast report details

The enhancement of the enriched CBF Cash Forecast is based on T2S CR 540 "Alignment of U2A and A2A cash forecast information" and will become productive with the T2S Release 2.0 on 11 June 2018.

T2S aims to align the T2S GUI details and the information provided via Cash Management ("camt") messages concerning the display of pending cash movements. In future, the information about T2S debiting liquidity transfer orders as well as debiting and crediting settlement instructions will be provided in "Cash Forecast Query Response" (camt.004) and "Following Settlement Day Cash Forecast Report" (camt.052).

In line with this modification, CBF will enrich its current CBF Cash Forecast that is available via the CASCADE Online functionality (HOST / PC). Today, the cash forecast report displays a separate sum for the current and following business day. The sum is a result of the pending matched delivery and receive against payment instructions in Euro. In future, there will be each time a total for pending matched delivery against payment instructions and a total for pending matched receive against payment instructions.

Description of the changes

CBF uses the content of the T2S "Cash Forecast" (camt.052) to create the enriched CBF Cash Forecast. The information is populated via the CASCADE Online screens. Although this chapter mainly describes changes for customers acting in ICP mode, information is added for customers operating in DCP mode.

Customers acting in DCP mode that use the T2S Cash Management reporting must consider that the related XSD file will be updated for the deployment of T2S Release 2.0.

Customers acting in ICP mode using the CBF Cash Forecast report can retrieve the totals for debit and credit related to their CBF DCA Reference. The layout of today's HOST screen "TRAN: KUCF // FC: CF" or PC screen "cash: cash forecast" will not be updated, only the additional figure will be displayed, if applicable. A sample can be found in Appendix C.

Potential customer impact

Customers acting in ICP mode should not be impacted as the enhancement only concerns the CASCADE Online screen.

Customer acting in DCP mode should consider the upgrade of the underlying XSD file. More information about this change can be found in the related ECB documentation⁵ and MyStandards (SWIFT).

⁵ Please refer to: <http://www.ecb.europa.eu/paym/t2s/governance/tg/html/crq.en.html>

4. CBF Instruction Management (CASCADE)

CBF's range of services offers products for various business areas. Settlement services are provided via the CASCADE application. Independent of the business case, CASCADE will allow customers to keep track of the status of their settlement instruction.

With the migration to T2S in February 2017, the services have been adapted for processing via the pan-european settlement platform. The CASCADE instruction types and related ISO transaction codes have been updated to allow the usage in ICP and / or DCP mode. They can be used via the straight-through processing connectivity channels as well as via the CASCADE Online functionality (HOST / PC).

4.1 Bilaterally Agreed Treasury Management (BATM) operations

During the community testing stage of T2S Wave 4, CBF customers reported that the T2S process "Bilaterally Agreed Treasury Management (BATM)" will be executed if only one of the counterparties have marked their instructions for a settlement after the regular cut-off time (16:00) for against payment instructions. The service shall only be applied if both counterparties have flagged their instructions for "BATM".

With the T2S Release 2.0, today's settlement process will be modified to cope with the expectations of the market members. The required modification has been described in the "T2S CR 640 Bilaterally Agreed Treasury Management (BATM) operations to be applied on bilateral basis only".

Description of the changes

Customers acting in ICP and / or DCP mode can use the Bilaterally Agreed Treasury Management (BATM) service. There is no dedicated setup required in the customer account settings. In addition, the existing characteristics of the BATM flag remains unchanged, that is that the field is not considered in the matching process, because it is neither a mandatory, optional nor additional matching criteria. To use the service each single instruction must be flagged.

In ICP mode the BATM flag can be provided via

- Automated connectivity channels in ISO15022 (SWIFT, MQSeries and File Transfer).
In the field Settlement Transaction Condition Indicator (TAG 22F) the value "COEX/ADEA" that stands for Accept After Regular Settlement Deadline must be provided.
- CASCADE Online functionality (HOST / PC).
The field "BATM/ADEA" is available on the instruction entry screen. The default value is "No" and must be overwritten on customer demand with "Yes". A sample of a screen can be found in Appendix D.

In DCP mode the BATM flag can be instructed using the settlement condition sequence "SttlmTxCond" using the value "ADEA" or via the T2S GUI.

In line with today's procedures, once a matched instruction has been accepted by the settlement system a modification is not possible. If a change is required, the instruction must be cancelled. If matching was achieved, the bilateral cancellation applies.

Potential customer impact

Customers and their counterparties might start using the extended DvP settlement timeline. The CASCADE instruction management allows customers to retrieve the status of the counterparty instruction. Hereby the customer and the counterparty can monitor if the BATM flag was set. Only if both parties flagged the instruction for BATM, T2S will execute the service.

Until the end of the extended DvP settlement timeline (17:40) a settlement for instructions versus payment can be achieved on the same day. After the deadline, pending settlement instructions will be forwarded to the next settlement cycle.

Customers using the CBF cash forecast reporting must consider that instructions flagged with BATM might be settled between 17:00 and 17:40. These instructions are part of the forecast and should be considered for the liquidity provision for the upcoming settlement date.

4. CBF Instruction Management (CASCADE)

4.2 Usage of ISO transaction code "CLAI" in OTC instructions

Today only CBF, in its function as CSD, is allowed to set up instructions with the ISO transaction code "CLAI" (market claims) in settlement instructions. This code is used for instructions resulting from the corporate action processing via KADI (Kapitaldienste). In future, instructions sent via OneClearstream will also show the "CLAI" code. For further information, please refer to the latest [functional specification](#) available on the Clearstream website.

Upon the static data in the customer account these instructions can be flagged with the party hold indicator. Currently, customers can release such instructions via a modification request. Customers acting in ICP mode use an MT530 (Transaction Processing Command) or the CASCADE Online functionality (HOST / PC). Customers acting in DCP mode use sese.030 (Securities Settlement Condition Modification) or the T2S GUI.

The table below shows the characteristics of a market claim or reverse claim resulting from KADI:

Parameter	Values in ISO15022	Values in ISO20022	Comment
Instruction Type (Auftragsart)	AA01 / AA02	sese.023	Settlement follows the T2S procedures.
ISO Transaction Code	CLAI		
Matching	Unmatched		CBF generates the delivery and receipt instructions. The matching will take place at T2S.
Priority	1		Reserved priority
Partial Settlement	NPAR		Partial settlement is not supported.
Linking	Not applicable		
Common ID	Reference		CBF provides the underlying instruction number for a market / reverse claim (compensated trades).

Table 7 – Characteristics of market claim or reverse claim

With the implementation of the [T2S Release 2.0](#), customers will be enabled to use the ISO transaction code "CLAI". [With a later CBF Release](#), the release of market and reverse claims can be triggered using the ISO 15022 function code "NEWM" (new message).

[Additionally, CBF will standardise the reporting for instructions related to corporate actions. Starting in May 2018, the qualifiers "CLAI" \(Transaction resulting from a market claim\) and "CORP" \(Transaction resulting from a corporate action\) will be used, if possible. This update will apply to the message types MT54x, MT537 and MT536. With this modification, instructions related to corporate actions are consistently marked with these identifiers.](#)

Description of the changes

As of [11 June 2018](#), customers can enter or transmit OTC instructions (CASCADE instruction type AA01 / 02) with the ISO transaction code "CLAI" (market claims). Today's logic for the instruction management will apply for these instructions, too. Customers can modify and cancel their instruction setup with "CLAI" in the way as any other OTC instruction.

Instructions with the ISO transaction code "CLAI" are not subject to CBF passive matching service. Customers opting for this service must enter the matching instruction to allow a settlement. In line with today's procedure, unmatched instructions will be cancelled by T2S at the end of the recycling period.

4. CBF Instruction Management (CASCADE)

Concerning the transformation and market and reverse claim processing, "CLAI" instructions created by the customers are subject to the T2S recycling period. [This means, that](#) the customer's CLAI instructions [will not be cancelled by CBF after 40 business days through an automated process triggered by CBF](#). This deletion is only initiated for "CLAI" instructions created by CBF. Also, in line with today's procedures, if customers would like to exclude their "CLAI" instructions from the transformation or claims processing, the OPT / OUT flag must be set.

[Customers acting in ICP mode](#) using an automated processing via SWIFT, MQSeries, and File Transfer can provide the value "CLAI" in the field "Type of Settlement Transaction Indicator"⁶ via MT540 – MT543.. CBF reports this indicator in the following ISO 15022 messages using SETR//TRAD and ISTR//CLAI:

- MT54x Settlement Confirmations;
- MT548 Settlement Status and Processing Advice;
- MT586 Statement of Allegements;
- MT536 Statement of Transactions;
- MT537 OTC Statement of pending Transactions.

In order to allow the customers a differentiation whether the instruction has been initiated by Clearstream or customers themselves, CBF will report the instructions created by

- KADI: As today, that is, in fields [/ISTR CLAI and the CBF T2S Actor Ref BIC](#);
- Customers: In fields [/ISTR CLAI and the BIC of the „Reference Owner“](#).

Based on the customer account settings, market claims and transformations resulting from the KADI processing might be flagged with a party hold. Today, these instructions can be released in straight-through processing using MT530. With the introduction of [a next](#) release, customers can initiate the release OTC instructions similar to stock exchange instructions (Börsengeschäfte, AA10) via MT54x, too.

[Starting in May 2018, information on instructions generated by CBF as part of the corporate actions processing will be standardised. It does not matter whether these instructions are created using an automated or manual process. Using the "T2S Actor Ref BIC" \("DAKVDEFFXXX" = automated processing or "DAKVDEFFOPS" = manual entry\), the customer can identify the underlying process.](#)

[The reporting related to the message types for the settlement instructions \(MT54x, 22F::SETR//\) as well as for settled and pending instructions \(MT536 and MT537, 22F::TRAN//\) will be harmonised and the corresponding values are provided as described in the table below.](#)

Business Case related to /ISTR CLAI or /ISTR CORP	Information about the instruction type (AA)	Current qualifier	Future qualifier
Corporate action on holding	AA01	TRAD/CORP	CORP ⁸
Corporate action related to Market Claim	AA01 / UEB-Grund 507-510	TRAD/CLAI	CLAI
Corporate action related to Reverse Claim	AA01 / UEB-Grund 511-514	CLAI/SETT	CLAI
Corporate action related to Market Claim	AA02 / UEB-Grund 507-514	CLAI/SETT	CLAI
Claim	Instruction created by OneClearstream	TRAD/SETT	CLAI

⁶ The values for "SETR": "COLI", "COLO", "OWNE", "OWNI", "SECB", "SECL", and "TRAD" will remain unchanged.

⁸ [The "CORP" value defined in ISO 20022 is not part of the general scope of ISO 15022 for the field "22F::SETR//". Therefore, the Data Source Scheme "COEX" will be used as following: "22F::SETR/COEX/CORP".](#)

4. CBF Instruction Management (CASCADE)

Business Case related to /ISTR CLAI or /ISTR CORP	Information about the instruction type (AA)	Current qualifier	Future qualifier
Claim	New: Instruction created by customer	TRAD/SETT	
Corporate action	AA01 / AA99 UEB-Grund 503-506	TRAD/CORP	CORP ⁸
Kapitalmaßnahme	AA01, AA02, AA04, AA05, AA99 / no UEB-Grund	TRAD/CORP	CORP ⁸
Kapitalmaßnahme	Instruction created by von OneClearstream	TRAD/SETT	CORP ⁸

Table 8 – Overview reporting of corporate actions

Additionally, starting in May 2018, the qualifier "CAEV" (Corporate Action Event Indicator) will be reported consistently in field "22F". This means that, "CAEV" is reported instead of the qualifier "SETR" in the message types MT536 and MT537 for instructions resulting from corporate actions with instruction types AA01 / AA02 and UEB-Grund 507-514.

Customers acting in DCP mode use the sequence "securities transaction type", which is

```

←SctiesTxTp→
←Cd→
CLAI
←/Cd→
←/SctiesTxTp→
    
```

Similar to the reporting in ICP mode, customers acting in DCP mode can also use the "T2S Actor Ref BIC" to determine whether instructions for a corporate action were created by an automated processing ("DAKVDEFFXXX") or manual entry ("DAKVDEFFOPS").

Customers using the CASCADE Online functionality (HOST / PC) can enter the value "CLAI" in the respective field "ISO TRANSACTION CODE". To identify whether the instruction was created by

- KADI: As today, that is, in the field T2S ACTOR BIC "DAKVDEFFXXX" or "DAKVDEFFOPS" is displayed.
- Customers: The field T2S ACTOR BIC displays the BIC of the reference owner.

Customers using the CASCADE settlement reporting ("Listen") find the ISO transaction code in the following lists. The table below describes how customers can identify by whom the instruction was originally created.

Reporting (Liste)	KADI	Customer
Von CBF gelöschte Aufträge	The underlying instruction number for a market / reverse claim (compensated trades) is available in field „REFERENZ-NR“	Customers instruction number can be found in field „AUFTNR“
Von CBF / T2S gelöschte Aufträge		
Vom Eingeber gelöschte Aufträge	Not applicable	

Table 9 – Mapping of ISO transaction code "CLAI" in CASCADE lists

Potential customer impact

In general, customers set the transaction code on their demand. The usage of the code "CLAI" depends on the requirements of the customer. Therefore, this service enhancement can be considered as an optional offering and can be implemented later. Customers and their counterparties need to consider that the CBF passive matching service will not apply.

As the ISO transaction code is no matching criteria at T2S, the settlement flow is not harmed if customers and their counterparties aim for an independent implementation date.

By harmonising settlement reporting related to corporate actions, customers can manage their automated processes according to their requirements. Therefore, the modification of the above-mentioned qualifiers "CLAI", "CORP" and "CAEV" might affect the functional and organisational procedures. CBF asks customers to assess this implementation for possible internal requirements.

4.3 Allow instructions after maturity date

The Corporate Action Joint Working Group (CAJWG) defined that a transformation detection period of 20 T2S opening days from the maturity date of a security shall be applicable. Currently, only Central Securities Depositories (CSDs) are allowed to send settlement instructions to T2S on or after the maturity date. A change request (T2S CR 515 "Allow instructions from CSD participants for "n" days after maturity date of security") has been created to enhance this right to the participants of a CSD.

A second change request (T2S CR 655 "T2S should allow updates of the maturity date for matured ISINs") will allow the Security Maintaining Entity ("SME"; that is usually the Issuer CSD) to shift an already stored maturity date to the future.

Both change requests will be introduced with the T2S Release 2.0 in June 2018.

CBF will harmonise its procedures along with the CAJWG standards and will provide the services to CBF customers.

Description of the changes

During the 20 days transformation detection period the instructions entered or transmitted by CBF customers acting in ICP and / or DCP mode will be accepted by T2S. These instructions can be matched at T2S, but only instructions provided by a CSD or PFoD instructions sent by a CCP can achieve final settlement.

At the end of the transformation detection period, all remaining instructions will be rejected as today. The existing error texts⁹ for the related business rules associated reason codes will be amended and updated with the detail "plus the transformation detection period".

Regarding the T2S Maturity Date, CBF will use the information stored in WSS field "Letzter Tilgungstermin" (GD910). If no maturity date is defined, "31.12.9999" will be transmitted to T2S. The issuer or the issuer agent might update the maturity date. If so, CBF will transmit a maintenance instruction to T2S in order to allow synchronised data in the different locations for static data.

Potential customer impact

Based on the maturity date information stored in T2S, CBF customers will receive the rejection of pending instructions after the 20 days transformation detection period. Also, newly entered instructions will be accepted, might be matched and remain pending until the transformation detection period has finished. During this period, the bilateral cancellation procedure can be executed by the customer and its counterparty in order to reduce the number of pending instructions.

In line with the change request, instructions entered by a CCP can settle against cash, if the PFoD instruction has no quantity (zero, 0).

However, the CBF maintenance procedures of matured securities and the related instruction management will not be impacted by these changes.

⁹ Please refer to CR [T2S 0515 URD](#) for more details.

4. CBF Instruction Management (CASCADE)

4.4 CASCADE Online queries - Usage of T2S "MITI" (new)

T2S creates for each instruction a unique identifier for further processing on T2S. This reference is called "Market Infrastructure Transaction Identification (MITI)". According to the T2S specification the number is defined as a 16-character field. At T2S, the "MITI" serves as the attribute to amend, hold / release or cancel an instruction.

CBF informs customers about the "MITI" in the message types related to the settlement reporting, the CBF print reports and via the CASCADE Online functionality (HOST / PC). This unique reference allows the customer and its counterparties the usage of a common identifier to verify or reconcile instruction details.

CBF will enrich the existing online query functionality for pending and historic instructions as well as for movements to allow a search for a "MITI".

Description of the changes

Customers using the CASCADE Online functionality (HOST / PC) will find the T2S reference "Market Infrastructure Transaction Identification (MITI)" on the detailed screens of each settlement instruction. That is, the reference is displayed as part of the CASCADE instruction information ("TRAN: KVAI") and movements ("TRAN: KVDU"). In order to allow customers a dedicated search with a "MITI", the respective online query functionality will be enhanced. A sample of the updated screens can be found in Appendix F.

In future, the screens will show a new field to enter the "MITI". The "MITI" can be entered for the related customer account. If the entered "MITI" does not belong to the CBF account, CASCADE will display "KV0022I no data available for selection criteria".

Customers using the CASCADE Online functionality

- HOST will find on the transaction screen:
 - "KVAI" a new row "AR = Referenz" to enter the relevant MITI.
The related value "M = MITI" is defined as default. Currently, no information shall be entered, if so an error message will be displayed.
The new function code "AR" will also serve as short cut in the navigation bar.
Furthermore, if the instruction has already reached the final status on the processing day, the field "Referenz" can be used in combination with the code "HA = Historische Aufträge".
 - "KVDU" a new field "MITI" to search for a finalised movement.
- PC (version 9.4) will find on:
 - The "pending instruction" screen a new search criteria "MITI reference" which is available via "reference" or as part of the "instruction history".
 - The "domestic movement" screen a new search criteria "MITI reference" for a finalised movement.

Potential customer impact

The usage of the query functionality regarding "Market Infrastructure Transaction Identification (MITI)" depends on the requirements of the customer. This query enhancement will be deployed as an optional service offering. Customers must consider that the CASCADE access management (user rights) has to be enabled according to their internal requirements.

5. Connectivity

CBF supports various connectivity channels as gateway to the pan-european settlement platform T2S and to the CSD and ICSD services offered by Clearstream Banking.

The automated connectivity channels as well as the CASCADE Online functionality provide a seamless connection to a wide variety of services. These channels are regularly updated to provide access to the latest T2S functionality. Maintenance procedures allow the continuous enhancement for dedicated services offered solely and exclusively by Clearstream Banking.

5.1 Multiple pending reason codes (combination lack of securities and lack of cash)

T2S is going to update the status reporting for against and with payment instructions. Currently, T2S checks the availability of securities and cash while executing a settlement attempt. According to the T2S CR 621 "Multiple pending reason codes (combination lack of securities and lack of cash)", this check could create errors if a holding is missing.

In addition, T2S does not consider available positions for T2S Auto-Coll and hence transmits status reporting regarding a lack of cash.

After the implementation of this change request, T2S will not execute further cash provision checks when there is not sufficient holding available to settle the instruction.

Description of the changes

In future, T2S will first check the holding and might generate an opening of a T2S Auto-Coll transaction to provide cash on the DCA. If no holding is available, T2S will not check the cash balance and will provide a status message regarding the lack of securities, which is related either to the customer account or the counterparty account.

With this modification, the number of status messages received for

- DvP and RvP instructions:
LACK / CMON Counterparty insufficient money
- DwP and RvP instruction:
LACK / MONY Counterparty insufficient money

will decrease as the message is only presented, when sufficient holding is available in the securities account (SAC). A status reporting indicating a lack of cash might be presented at a later processing stage.

Potential customer impact

The general procedure that customers should present / release instructions on the Intended Settlement Date (ISD) only after sufficient holding is available in the securities account remains unchanged.

Customers acting in ICP and / or DCP mode will be informed about a lack of cash only, when there is no issue regarding the holding.

5.2 Handling of leading and trailing "blanks"

Based on the T2S Change Request "Handling of leading and trailing "blanks" and "/" in A2A and U2A attributes" that was introduced with T2S Release 1.3 on 8 July 2017, the usage of leading blanks will be restricted. Leading blanks followed by "/" at the beginning or trailing blanks preceded by "/" must be prohibited to ensure proper T2S outbound messages. At the same time, this change request harmonises the data entry using the automated connectivity channels (A2A) as well as via the online functionalities (U2A).

5. Connectivity

Description of the changes

The implementation of the T2S CR 649 "Handling of leading and trailing "blanks" and "/" in A2A and U2A attributes" requires an update of some XSD files. Amongst others, the Securities Settlement Transaction Instruction ("sese.023") and Securities Settlement Condition Modification Request ("sese.030") will be updated. These messages are used by customers acting in DCP mode and by CBF to transmit settlement instructions provided in ICP mode to T2S. In future, it will not be possible to provide blanks as outlined in the change request.

Customers acting in DCP mode must consider that the related XSD file will be updated for the deployment of T2S Release 2.0.

CBF customer acting in ICP mode were requested to prevent the usage of leading blanks with the implementation of T2S Release 1.3. Starting with the CBF Release May 2018, customer must not use blanks as outlined in the T2S Change Request. If the validation detects a leading blank (for example in a reference or a text), the message will be rejected.

Potential customer impact

Customers acting in ICP and / or DCP mode may update their functional and operational procedure to prevent the transmission of leading blanks. This requirement is applicable for all systems that may create instructions required for a settlement on T2S.

5.3 Update CASCADE-PC

For the introduction of the CBF Release May 2018, rollout activities for the CASCADE-PC version 9.4 need to be taken into account. A mandatory software update has been scheduled, that is, all earlier versions of CASCADE-PC cannot be used after a successful deployment of the CBF Release in May 2018. [Starting 7 May 2018, customers who will log on with the CASCADE-PC version 9.3 will receive the following error message:](#)

- [E00060: your currently installed program version is 9.3, but you need version: 9.4. Terminate this application.](#)

According to the latest CBF Customer readiness plan, the CASCADE-PC version shall be ready for download on 23 April 2018.

The new CASCADE-PC version will include minor new business functionalities. Please refer to the chapters CBF Cash Management, CBF Instruction Management and Static Data for more information. In addition, the intended future layout of updated screens is presented in the Appendix.

6. Static Data

In November 2017, CBF started with the reorganisation activities of the KUSTA Data Carrier (KUSTA Datenträger). This initiative has been set up, as a number of information presented in the file is no longer needed because of the processing with T2S.

The rollout of the reorganisation is conducted in two steps. It started with the decommissioning of information in November 2017 and will be completed with a modification of file format and structure with the CBF Release May 2018.

6.1 Decommissioning of market related information

Based on a market consultation regarding the KUSTA Data Carrier "Markets" it was agreed that there is no more need to transmit participant information where CBF supports a T2S Out-CSD setup and maintains a direct link. Hence, the KUSTA Data Carrier "Markets" will be removed from production during the transition weekend before the operational day 7 May 2018 starts.

Description of the changes

On Friday 4 May 2018, during the end of day processing, CBF will delete the participant information where CBF supports a T2S Out-CSD setup and maintains a direct link in the KUSTA database. For each deletion, a record will be shown in the KUSTA Data Carrier "Markets" that is generated on this Friday evening. The file will be distributed according to the customer's subscription rights.

The list below shows the markets and the respective participant data that will be deleted:

- 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

With the transition of the CBF Release May 2018, the related screens in the CASCADE Online functionality (HOST / PC) will be updated. The search functionality for foreign participants will be decommissioned. That is, that

- The HOST function (FC) "IB - BANK-INFORMATION UEBER DIREKTEINSTIEG" will be removed from the selection menu "VEROEFFENTLICHUNGEN/MITTEILUNGEN CLEARSTREAM BANKING, FRANKFURT (CASCADE transaction code (TRAN) "KVAV")". The subsequent screens for the selection of bank information will be presented with a new layout.
- For the PC version new layouts will be presented.

Samples of the updated screens can be found in Appendix E.

Potential customer impact

The deletion of the participant information might affect functional and organisational procedures of CBF customers. According to the subscription rights, customers receiving the KUSTA Data Carrier for markets will receive a number of data sets indicating the deletion.

6.2 Reorganisation of the KUSTA Data Carrier "CBF customers"

During the past years, the data in the KUSTA Data Carrier "CBF customers" was regularly enhanced. With the CBF Release November 2017, the Legal Entity Identifier (LEI) and an indicator whether the CBF customer is set up to accept against payment instructions ("Teilnahme DvP") were introduced. After these enhancements were incorporated, the announced redesign activities started. Since November 2017, some data is no longer delivered. In May 2018, the reorganisation will be completed.

This Release Information only describes the changes in the KUSTA Data Carrier "CBF customers". In addition the [KUSTA file](#) that is available on the Clearstream website will be modified accordingly.

6. Static Data

Description of the changes

Since November 2017, in preparation for the redesign of the below-mentioned data fields no more information is transmitted. Depending on 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.

These data fields will be decommissioned with the CBF Release May 2018. Appendix G shows the future format and structure of the KUSTA Data Carrier "CBF customers".

Based on the requirements of the European Central Securities Depositories Regulation (CSDR)¹⁰, CBF will populate a new field with the Release in May 2018. The field "Bestandsart (Position Sub-Type)" will be added and show the ownership rights of the positions held in a CBF account master. Currently, CBF collects this information from the CBF account holders. The CBF account master will be updated upon receipt.

Values N(1)	Description
0	No information available
1	Not applicable
2	Own Assets
3	Not applicable
4	Not applicable
5	Client Omnibus
6	Client Segregated

Table 10 - Values of field "Bestandsart"

As described in the section "Decommissioning of market related information", the layout for the CASCADE screens related to the transaction code "KVAV" will be modified. In line with the changes implemented in November 2017 and the introduction of the KUSTA Data Carrier "CBF customers" the fields

- Bestandsart / Position sub-type;
- Länderkennzeichen / Country;
- Teilnahme DVP / Participation in DvP

will be presented on the detailed screen for bank information.

Potential customer impact

Customers who subscribed for the transmission of the KUSTA Data Carrier for CBF customers or regularly download the file from the Clearstream website should be prepared for the rollout.

Similar to the procedure in November 2017 also for this deployment an enhanced reporting is foreseen. All records that are transmitted in the full report will be made available via delta mode, too. The delta report that is generated in the evening on Monday, 7 May 2018 will contain all records of the full report.

¹⁰ Please refer to [Usage of Assessts](#) for more details.

7. Custody (new)

While CBF executes all securities settlement activities on T2S, the processing of Asset Services is managed by Clearstream. CBF processes custody events in its own environments and only transmits the related securities instructions out of corporate action events to T2S for settlement. At the same time, the vast majority of cash instructions related to corporate action events settles on the TARGET2 platform. There are exceptions for Bund payments and cross-border market claims for securities with the type "FCSC"¹¹. These payments are initiated as PFoD instructions (Payment Free of Delivery) to credit the customers' T2S Dedicated Cash Accounts.

7.1 Disclosure of the DCA Reference for compensations with T2S In-CSDs

In the case income events result in a compensation for cross-border transactions, Clearstream instructs the payment via T2S using a PFoD instruction that must be reconfirmed by the foreign depository for matching on T2S. For this instruction, the DCA reference opened by the customer is used. If the customer has defined several DCA references for a CBF account, the "Default DCA" comes into effect to process corporate actions.

Description of the changes

With the CBF Release May 2018, the DCA reference will be added to the reporting generated by KADI. The enhancement concerns the message type MT564 "Corporate Action Notification" for REPE with regard to income payments as well as the corresponding MT566 "Corporate Action Confirmation". The DCA reference that is stored with the DCA at CBF will be shown in the field "97A::CASH". Based on the currently existing validations, this is always the "Default DCA" related to the CBF main account. The DCA reference is only shown for income payments resulting from compensations with T2S In-CSDs and booked in favour of the T2S DCA.

Samples:

a) Credit of an income payment on the DCA reference for account master XXXX:

97A::SAFE//XXXX0000

97A::CASH//XXXX0222

b) Credit of an income payment on the DCA reference (YYYY) using a deviating account master XXXX:

97A::SAFE//XXXX0000

97A::CASH//YYYY0222

Potential customer impact

This enhancement is a preparatory measure for settlement of income payments via T2S, that is, the processing via the DCA. In a subsequent phase, the DCA will be displayed instead of the DCA reference.

Based on the DCA reference shown, customers can determine whether a compensation for a cross-border instruction was settled via a DCA. The purpose of the DCA reporting is to support the customer in managing and checking cash movements.

An automated processing might affect the functional and organisational procedures. CBF therefore asks customers to assess this implementation for possible internal requirements.

¹¹ Fungible securities in the meaning of the German Securities Deposit Act (Depotgesetz) are eligible for Foreign Collective Safe Custody if they are kept in a collective holding scheme with a non-German Central Securities Depository to which CBF maintains an account link.

8. Taxbox

8. Taxbox

In Germany, private investors are liable to a flat tax on investment income. Statutory provisions require that in the event of a securities account transfer, the domestic custodian banks provide the institution receiving the accounts with the tax-related acquisition details and, where applicable, the originator's allocation pots. The custodian banks are therefore also responsible for keeping, maintaining, and processing data relevant to the German flat tax on investment income.

Taxbox is the solution CBF developed for the automatic transfer of tax-related data in the event of a securities transfer. Technical specifications concerning message formats and XML structure are available on the Clearstream website under [Taxbox](#).

8.1 Enhancements linked to the German Investment Tax Reform Act

In 2017, the Taxbox service was prepared for enhancements linked to the German Investment Tax Reform Act (InvStRefG). In total 14 new data fields were added in the message format to reflect the initiated requirements.

With the CBF Release May 2018, additional data fields will be introduced. This further enhancement results from the latest announcement released by the German Ministry of Finance. Taxbox will support the partial exemption quota ("Teilfreistellungsquoten") applicable to mixed funds, equity funds as well as domestic and foreign real estate funds. Additional fields are introduced to flag the purchase of millionaire funds ("Millionärsfonds") and to indicate deemed disposals after 31 December 2017.

Description of the changes

With the CBF Release May 2018, twelve data fields will be added. The new data fields will be complementary. Information that must be provided today must be provided after May 2018 as well. In line with the requirements, the existing message formats and XML structure will be changed.

The table below is an extract of the Taxbox document "Datenverteilung im Rahmen der Abgeltungssteuer: Datenfelddokument"¹². Further functional and technical details can be found on the Clearstream website under Clearstream Products and Services / Asset services / Tax and certification / [Taxbox](#). [On 9 March 2018 the "Taxbox Handbuch Connectivity - Vorabversion Mai 2018" including the following details was added on this webpage:](#)

- [Handbook;](#)
- [Descriptions related to the mapping and message flow;](#)
- [XML schema definitions;](#)
- [Examples PDF;](#)
- [Examples XML, TXT.](#)

With the introduction of the release, the field numbers W34 until W43 will be defined as optional fields. They will become mandatory effective 1 January 2019.

¹² Field description for the Taxbox interface

Field No	Field description ¹³	Comment
W34	Akkumuliertes Veräußerungsergebnis aus fiktiven Veräußerungen nach dem 31.12.2017 – Misch-Investmentfonds vor Anwendung Teilfreistellung (zurzeit 15 %)	The fields W28 / W29 must still be used
W35	Akkumuliertes Veräußerungsergebnis aus fiktiven Veräußerungen nach dem 31.12.2017 – Aktien-Investmentfonds vor Anwendung Teilfreistellung (zurzeit 30 %)	The fields W28 / W29 must still be used
W36	Akkumuliertes Veräußerungsergebnis aus fiktiven Veräußerungen nach dem 31.12.2017 – Immobilien-Investmentfonds mit überwiegend inländischen Immobilien vor Anwendung Teilfreistellung (zurzeit 60 %)	The fields W28 / W29 must still be used
W37	Akkumuliertes Veräußerungsergebnis aus fiktiven Veräußerungen nach dem 31.12.2017 – Immobilien-Investmentfonds mit überwiegend ausländischen Immobilien vor Anwendung Teilfreistellung (zurzeit 80 %)	The fields W28 / W29 must still be used
W38	Akkumuliertes Veräußerungsergebnis aus fiktiven Veräußerungen nach dem 31.12.2017 – sonstige Fonds (keine Teilfreistellung)	The fields W28 / W29 must still be used
W39	Akkumulierte Ersatzbemessungsgrundlage aus fiktiven Veräußerungen nach dem 31.12.2017 – Misch-Investmentfonds vor Anwendung Teilfreistellung (zurzeit 15 %)	The field W30 must still be used
W40	Akkumulierte Ersatzbemessungsgrundlage aus fiktiven Veräußerungen nach dem 31.12.2017 – Aktien-Investmentfonds vor Anwendung Teilfreistellung (zurzeit 30 %)	The field W30 must still be used
W41	Akkumulierte Ersatzbemessungsgrundlage aus fiktiven Veräußerungen nach dem 31.12.2017 – Immobilien-Investmentfonds mit überwiegend inländischen Immobilien vor Anwendung Teilfreistellung (zurzeit 60 %)	The field W30 must still be used
W42	Akkumulierte Ersatzbemessungsgrundlage aus fiktiven Veräußerungen nach dem 31.12.2017 – Immobilien-Investmentfonds mit überwiegend ausländischen Immobilien vor Anwendung Teilfreistellung (zurzeit 80 %)	The field W30 must still be used
W43	Akkumulierte Ersatzbemessungsgrundlage aus fiktiven Veräußerungen nach dem 31.12.2017 – sonstige Fonds (keine Teilfreistellung)	The field W30 must still be used
W44	Millionärsfonds	Conditional field
W45	Ersatzbemessungsgrundlage nicht ermittelbar bei fiktiver Veräußerung nach 31.12.2017	Conditional field

Table 11 – Taxbox: Field description for W34 – W45

¹³ The text is in German, as it is based on legal requirements.

8. Taxbox

Potential customer impact

Customers using the Taxbox services are requested to enhance the existing message format to cope with the future reporting requirements. After the implementation of the modified schema with the CBF Release May 2018, the further processing is based on the new structure. This applies for the transmission of messages as well as to reporting provided by CBF.

All new data fields are defined as optional and will become mandatory effective 1 January 2019. If customers decide for the optional usage of data fields they should be prepared for the binding transition and take the appropriate actions within 2018.

CBF will offer a customer simulation to allow customers a verification of the changes in the message formats and XML structure. Please refer to chapter 9 "Customer simulation activities" for more information.

9. Customer simulation activities

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 2.0 will be implemented on 29 March 2018 in the T2S Pre-Production Environment (UTEST). CBF will align the availability of the enhanced software in IMS23 accordingly and keep customers informed.

The participation in simulation period for the releases in May and June 2018 is optional. 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 May activities. Therefore, the test window will be opened on 16 April 2018 with the system updates induced by CBF.

During the simulation period, CBF will monitor the availability of the different test environment. If necessary, customers will be informed about requested downtimes. According to the ECB planning, UTEST will be closed on 1 May 2018.

Having the functional enhancement for the areas static data and Taxbox in mind, CBF will support customers with predefined test cases, if applicable. Test data for these changes will be set up, if necessary. Currently, it is planned to offer a test cases for

- T2S Auto-Coll on CBF Main Account

In line with the procedures to enable for a transition of a CBF account, CBF will coordinate the test activities with the customer and T2S. A dedicated slot will be agreed with interested customers.

- Corporate Actions Processing (KADI)

CBF will set up three corporate action events in German securities. More information regarding the event details ("Focus Days") will be provided in due time.

- Static Data – KUSTA Data Carrier for CBF customers

Test files in full mode, delta mode and the version will be available on the Clearstream website under Clearstream Products and Services / Connectivity / CASCADE/T2S / [Testing and Simulation](#) from 23 April 2018.

- Taxbox

CBF will facilitate the technical data transfer between Taxbox participants, if the related bank identifier codes (BIC or BLZ) are established and listed in the respective routing table of the CBF message configuration. In order to allow a routing in the IMS23 environment, the header of the XML message must be set up with the following details:

- CBF's Test BIC: ←RecKey→DAKVDEF0XXX←/RecKey→
- Customer's Test BIC: ←SndKey→BNKDEFM0XXX←/SndKey→
- Test indicator: ←TstInd→true←/TstInd→

In order to set up the necessary test data, a registration for dedicated test cases is required. The registration form is available on the Clearstream website under Clearstream Products and Services / Connectivity / CASCADE/T2S / [Testing and Simulation](#).

10. CBF Customer readiness plan

10. CBF Customer readiness plan

Overview of important milestones related to CBF Release May and T2S Release 2.0 in the upcoming months:

March 2018	By 23 March	Deadline for registration CBF guided customer simulation and publication of guidelines for the simulation period.
	28 March	CBF Customer simulation environment will be closed until 13 April 2018. The software updates for the CBF Release May and the T2S Release 2.0 will be installed.
	29 March	Updated version of Release Information will be provided; if necessary.
April 2018	16 April	Customer simulation will start for the CBF enhancements May and the T2S Change Requests for June.
	23 April	Dedicated testing for T2S Auto-Coll on Main Account can be offered on customer demand.
		CASCADE-PC version 9.4 will be ready for download (mandatory release).
May 2018	2 May	CBF's indicative timeline for the T2S Release 2.0 Deployment Weekend
	7 May	Functional launch of CBF Release May and technical deployment of modifications induced by T2S Release 2.0. On 5 May, the software will be deployed during the CBF maintenance window without any impact on the operational day.
	18 May	End of T2S user testing for T2S Release 2.0.
	30 May	Final approval of deployment for T2S Release 2.0 by the ECB Market Infrastructure Board (MIB).
June 2018	1 June	CBF timeline for the T2S Release 2.0 Deployment Weekend.
	11 June	Go-live T2S Release 2.0 and functional launch of CBF T2S related enhancements.

Appendix A – T2S release concept

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

Appendix B – Scope of launch dates – Potential Release Items

T2S Change Requests (CRs)	<ul style="list-style-type: none">– The nature of a change request (CR) is to enhance existing software.– T2S changes might bring new services or enrich the existing functionality.– CBF’s investigation might show that there is a need to modify its software to ensure today’s processing.– 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.
T2S Problem Tickets (PBIs)	<ul style="list-style-type: none">– 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.– 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.
CBF Software Enhancements	<ul style="list-style-type: none">– T2S Change Requests can result in modifications of the CBF software.– CBF aims to absorb the impacts on customers as much as possible.– If a customer impact is assumed, a notification will be sent in due time.– Customers acting in DCP mode are requested to analyse if there is a potential impact.

Appendix C – CASCADE screenshot “Cash Forecast”

The screenshot shows the split of the debit and credit amount using CASCADE Online HOST “KUCF”

```

TRAN: KUCF FC: CF SB: 7899#222#EUR#31.01.2018#NTS
CASH FORECAST UEBERSICHT                T2S-GENERIERUNG: 31.01.2018 17:35:00

DCA REF: 7899 222 MUSTER BANK AG
DCA   : CDEEURBANKDEFFXXXDCA-7999-222-XXXX
TAG DER GELDDVERRECHNUNG: 01.02.2018 VERARBEITUNGSLAUF: NTS
    
```

	SOLL IN EUR	HABEN IN EUR
ABWICKLUNG PENDING	300.000,00	100.000,00
ABWICKLUNG NAECHSTER TAG	400.000,00	100.000,00
LIQUIDITY TRANSFER	700.000,00	

SALDO T2S FORECAST	1.200.000,00	
EQUITY & FIXED INCOME CCP	600.000,00	
KAPITALDIENSTE		100.000,00

SALDO CBF FORECAST	500.000,00	

AKT. DISPOSITIONSBETRAG	1.700.000,00	
=====		

-- ID-KZ: 7907999999-- PW: ----- B7907000 -- 31/01/18 -- 17:35:00 ----

The screenshot shows the split of debit and credit amount using CASCADE-PC

CASCADE - PC cash forecast: full display: settlement

window help

T2S creation: 31.01.2018 17:35:00

DCA reference: 7899 222 MUSTER BANK AG

DCA: CDEEURBANKDEFFXXXDCA-7999-222-XXXX cash clearing date: 01.02.2018

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

	debit	credit
pending settlement:	300,000.00	100,000.00
settlement next day:	400,000.00	100,000.00
liquidity transfer:	700,000.00	
total T2S forecast:	1,200,000.00	
CCP (equity & fixed income):	600,000.00	
custody services:		100,000.00
total CBF forecast:	500,000.00	
net funding requirement:	1,700,000.00	

cancel

Appendix D – CASCADE screenshot “instruction entry”

Appendix D – CASCADE screenshot “instruction entry”

The screenshot shows the position of the BATM flag using CASCADE Online HOST “KVEE”.

```
TRAN: KVEE FC: WE SS:

AUFTRAGSABWICKLUNG          WP-UEBERTRAG / ERFASSUNG          ERFASSUNGSSTATUS

PRIMANOTE   : .....          AUFTRNR: .....          VWA: .....          TR: ..
LAST        : .....
GUT         : .....
WKN         : I .....

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

SET-DAY     : 31.01.2018      EY-TRD : .....          BATM/ADEA (J/N): N
BOERSENPL  : .....          OPT-OUT: ..

SCHLUSSTAG : .....          REFERENZ-NR          : .....
KURS / EGR : .....          AUFTRAGS-REFERENZ   : .....

-- ID-KZ: 7907999999-- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 --

PF3:Verarbeitung  PF4:Abbruch  PF9:Verarb+Neu
```

The screenshot shows the position of the BATM flag using CASCADE-PC.

The screenshot shows the CASCADE-PC delivery: enter window. The BATM/ADEA flag is highlighted in a red box and is set to 'no'. Other fields include instruction no., file no., debit, credit, securities, ISIN, nominal, unit, cash, EUR, EUR - Euro, DCA/REF, settlement date, stock exchange, opt-out, RTS-DvP, ex-trade, trade date, and party hold.

Appendix E – CASCADE screenshots “bank information”

The screenshots show the updated presentation using CASCADE Online HOST “KVAV” starting 7 May 2018.

```
TRAN: KVAV FC: AV 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

CBF-INTERNE INFORMATIONEN

II  ALLGEMEINE KUNDENINFORMATION

-- ID-KZ: 7907999999 -- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 --
SY0043A BITTE DATEN EINGEBEN
```

```
TRAN: KVAV FC: IA SB:

AUFTRAGSABWICKLUNG          BANK-INFORMATION          VEROEFFENTLICHUNGEN

BANK          :
T2S PARTY BIC : _____
LEI          :

ALPHASUCHE VON: _____      BIS: _____

-- ID-KZ: 7907999999 -- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 --
KV0014I Bitte Daten eingeben
PF3:Rücksprung  PF4:Abbruch
```

Appendix E – CASCADE screenshots “bank information”

```
TRAN: KVAV FC: IA SB:

AUFTRAGSABWICKLUNG          BANK-INFORMATION          VEROEFFENTLICHUNGEN

ALPHASUCHE VON : MUSTER          BIS :                      SEITE: 1
      LEI :

KZ NAME          ORT          BANK PARTY-BIC
MUSTER BANK AG  KUNDE A      1234 BANKDEFXXX
MUSTER BANK AG  MUSTERSTADT    5678 BANKDEFXX1

-- ID-KZ: 7907999999 -- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 --
KV0024I Keine weiteren Daten vorhanden
PF3:Rücksprung  PF4: Abbruch
```

```
TRAN: KVAV FC: IA SB: 01#01234#####

AUFTRAGSABWICKLUNG          BANK-INFORMATION          VEROEFFENTLICHUNGEN

BANK          : 1 234          T2S PARTY BIC: BANKDEFXXX
BOERSENPLATZ  : 7
EROEFFNUNG    : 27.12.07      LEI          : 1234001ELL2PP5FFDE99
KONTEN-GRUPPE : 01 KUNDENDEPOT NUR H  REG-UEBER   : _ _ _ _

NAME          : MUSTER BANK AG

STRASSE       : 25 BANK STREET
Land/PLZ/ORT  : _____ MUSTERSTADT

AWV-GEBIET/LAND: 2 AUSL. / 106
CBF-INT-TLN   : 1 KEIN CBF-AUSL-TLN
BOERSEN-TEILN : 2 BOE-TLN PLATZ+FERN
EUREX-TEILN   :
TEILNAHME DVP : _
BESTANDSART   : 5 CLIENT OMNIBUS

-- ID-KZ: 7907999999 -- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 --

PF3:Rücksprung  PF4:Abbruch
```

Appendix E – CASCADE screenshots “bank information”

The screenshots show a draft of the updated presentation in CASCADE-PC.

The screenshot shows a window titled "CASCADE - PC selection: bank information: publications". The window contains a form with the following fields:

- alpha search (text input)
- bank: (text input)
- T2S party bic: (text input)
- legal entity identifier: (text input)
- alpha from: (text input)
- alpha to: (text input)

Buttons at the bottom are "ok" and "cancel". The text "BETA Version" is visible in the top right corner.

The screenshot shows a window titled "CASCADE - PC bank information: publications". The window contains a form with the following fields:

- CBF account: (text input)
- stock exchange: (dropdown menu)
- opening: (text input)
- account group: (dropdown menu)
- name: (text input)
- street: (text input)
- postal code: (text input)
- city: (text input)
- ETA area/country: (dropdown menu)
- CBF global customer: (dropdown menu)
- stock exchange member: (dropdown menu)
- EUREX customers: (dropdown menu)
- Participation in DvP: (dropdown menu)
- position sub-type: (dropdown menu)
- T2S party bic: (text input)
- legal entity identifier: (text input)
- clearing via: (text input)

Buttons at the bottom are "previous clearer", "cancel", and "next clearer". The text "BETA Version" is visible in the bottom right corner.

Appendix F – CASCADE screenshots related to “MITI” (new)

The screenshot shows the updated presentation using CASCADE Online HOST “KVAI” starting 7 May 2018.

```

TRAN: KVAI FC: AR SB:

AUFTRAGSABWICKLUNG          I N F O R M A T I O N          AUFTRAGSSTATUS

AA  AUFTRAGSART              : ..                               KZ-AA: ..
AN  AUFTRAGS-NUMMER         : .....
AR  REFERENZ                 : M .....
AD  NICHT ERFOLGREICH DISPONIERTE AUFTRAEGE

MA  MATCH-AUFTRAEGE         : ..   M/O/F (MATCHED/OFFEN/FEHLERHAFT)
MI  MATCH-INSTRUKTIONEN    : ..   M/O/F (MATCHED/OFFEN/FEHLERHAFT)

ZUSAETZLICHE LASTSCHRIFT-BANK : ....                               WKN           : I .....
AUSWAHL          GUTSCHRIFT-BANK : ....                               SETTLEMENT-DAY : .....
                                                    WRG GEGENWERT : ...

HA  HISTORISCHE AUFTRAEGE

-- ID-KZ: 7907999999-- PW:           ----- B7907000 -- 31/01/18 -- 17:35:00 -----

PF1:  HILFE  PF3: RÜCKSPRUNG  PF4: ABBRUCH
    
```

The screenshot shows the updated presentation in CASCADE-PC

CASCADE - PC selection: display: pending instructions

window help

own instructions counterparty instructions

selection

- all instructions by type
- instruction no.
- reference
- instructions rejected in process
- delivery instructions
- receipt instructions
- instruction history

reference: MITI reference [text input]

instruction no.: [text input] instructor: [text input]

additional selection

own account no.: [text input] settlement date: [text input]

counterparty: [text input] currency: [dropdown menu]

securities: [dropdown menu] [text input]

ok cancel

Appendix F – CASCADE screenshots related to “MITI” (new)

[The screenshot shows the updated presentation using CASCADE Online HOST “KVDU” starting 7 May 2018.](#)

```
TRAN: KVDU FC: ID SB:

UMSATZANZEIGE          DEPOTUMSAETZE INLAND - AUSWAHL

BUCHUNGSTAG           : ..... bis: .....   Zeit : .. : .. bis .. : .. UHR
AUFTR-/GS-NR          : ....   TEILNEHMER-REFERENZ: .....
T2S ACTOR REF         : .....   MITI: .....
WKN/ISIN              : I ..... DVP: .. (J/N)   SORTIERUNG: .. (G/N/Z)
AUFTRAGSART           : ...   KZ-AA: ..
UMSATZART              : .   (L: LASTSCHRIFT / G: GUTSCHRIFT)
BANK/KONTO            : ....   BOERSENPLATZ: ..
KONTRAHENTEN          : ....

-- ID-KZ: 7907999999-- PW:          ----- B7907000 -- 31/01/18 -- 17:35:00 ----

PF1: HILFE  PF3: RÜCKSPRUNG  PF4: ABRUCH
```

[The screenshot shows the updated presentation in CASCADE-PC](#)

selection

accounting date: [] up to: []

time: [] : [] up to: [] : []

transactions type: []

securities: [] [] DvP: []

T2S actor reference: [] MITI reference: []

bank/account: [] []

counterparty: [] []

instruction type: []

instruction no.: [] (transaction no.)

customer reference: []

stock exchange: []

additional selection

sort criteria: []

ok cancel

Appendix G – KUSTA Data Carrier for CBF customers

The table below describes the future layout and structure of the KUSTA Data Carrier for CBF customers. The intended layout that was presented in August 2017 has been slightly modified. These necessary changes are highlighted.

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	Bank	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	Land	Country Code [ISO3166 alpha-2]	A(3)
8	Postleitzahl Strasse	Postal Code	A(10)
9	Ort	City	A(30)
10	Börsenplatz	Place of Stock Exchange indicated by CBF-ID	N(1)
11	AWV-Gebiet	German foreign trade regulations – Area	N(1)
12	AWV-Land	German foreign trade regulations – Country	N(3)
13	Kontengruppe	Account group	N(2)
14	Börsen-Teilnehmer	Stock Exchange Participant	N(1)
15	Auslandsteilnehmer	Foreign Participant	N(1)
16	EUREX-Teilnehmer	EUREX Participant	N(1)
17	Reg-Ueber	The CBF account master (4-digits) is presented	N(4)
18	Teilnahme DvP	Indicator, whether against payment transactions will be possible	A(1)
19	Bestandsart	Ownership rights of the positions held in a CBF account master	N(1)

End of table / description

Table 12 Format and structure of the KUSTA Data Carrier for CBF customers as of May 2018

Additional information:

- In future the file size is 350 characters. Remaining space will be available as filler.
- The former field "Satztyp" will be decommissioned with the introduction of the release. Any dataset provided in the future file represents the information provided with the previous value "1" (Domestic).
- The field "Name" will be restructured, the information previously provided in two fields will be merged and left-aligned.

This page has intentionally been left blank.

Contact

www.clearstream.com

Published by

Clearstream Banking AG, Frankfurt

Registered address

Clearstream Banking AG, Frankfurt
Mergenthalerallee 61
65760 Eschborn
Germany

Postal address

Clearstream Banking AG
60485 Frankfurt /Main
Germany

March 2018

Document number: 7201
