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TARGET SERVICES REGISTRATION AND ONBOARDING GUIDE

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1. INTRODUCTION

The TARGET Registration and onboarding guide (from now on “the guide”) is intended as the companion to the TARGET Registration form (the Form) and must be consulted during the process of completing the form. The guide intends to describe exhaustively the fields required in the CLM, RTGS, TIPS and T2S Cash registration forms.

In addition to this, the guide also describes the onboarding process that needs to be followed by the participants that want to connect for the first time to TARGET.

This guide is only intended for the creation of Parties related to EURO currency business.

1.1. OBJECTIVE, SCOPE AND STRUCTURE

The objective of the guide is that it will assist the completion of the form whether for the Production environment or one of the test environments. The document covers the registration procedure and describes every reference data field on the form and also the onboarding process. The document is structured in a logical fashion following the form itself. It is not intended as a replacement for the Common Reference Data Management (CRDM) User Handbook. The latter describes all reference data fields available in the CRDM while the registration form and the guide only describe the subset of fields that are loaded into the CRDM component on behalf of the participant/National Central Banks (NCB).

1.2. COLLECTION OF REFERENCE DATA FOR TARGET (RTGS AND CLM, T2S-CASH AND TIPS)

The reference data will be collected in the submitted form according to the procedure outlined below. The registration form is designed to allow that one form can be used and submitted for defining all of the participant’s reference data across services. The form is designed so that the participant may create e.g multiple cash accounts or multiple system administrators. NCBs may decide that a separate form is needed per service.

1.3. COLLECTION OF REFERENCE DATA FOR TEST AND PRODUCTION ENVIRONMENTS

Reference data for each environment can be inserted in the registration form. The participant must ensure that the reference data entered is intended for the environment selected in field 4 of the registration form. For the first registration or for a new reference data element or for a modification only one form per environment is allowed. In the case of a deletion multiple environments may be selected on the form.

1.4. AVAILABILITY OF FORMS

The registration form will be made available by each of the NCBs, which should always be contacted if and when there are questions in the scope of participation and/or any other updates to reference data.

1.5. PROCEDURE FOR SUBMISSION AND VERIFICATION OF THE TARGET SERVICES REGISTRATION FORM

Participants must consult the guide in order to fully complete the relevant registration form. The registration guide is available for download on the website of the European Central Bank (ECB) or the responsible NCB.

Once completed the form must be sent to the NCB.

The form may be accepted by the NCB in the following formats (it is up to the NCB to define which formats can be submitted):

1. Printed, signed and sent by post
2. Printed, signed and sent by fax
3. Printed, signed and sent by e-mail
4. Electronically signed
5. By electronically signed e-mail

The NCB will enter the relevant data into the CRDM based on the registration form sent by the participant. Once the participant receives access to the CRDM they must check that the data is exactly as stated on the form. Any discrepancies must be reported to the NCB.

In case of modification or the creation of a new reference data object (e.g. new cash account) the Form allows the Participant to fill in only the relevant parts. They must consult the guide and carefully check the chapters that apply to their needs. These will depend on the current status (active participant vs. new joiner) as well as the services to subscribe/modify and the participation type for those services.

The NCB is responsible for defining the rules whether the form can be partially filled-in or it should be always filled-in entirely.

1.6. DUAL PARTICIPATION

For Participants with more than one type of participation separate forms must be completed e.g. an Ancillary system which is also a Payment Bank.

1.7. ROLES AND RESPONSIBILITIES IN THE FORMS COLLECTION PROCESS

1.7.1. THE NATIONAL CENTRAL BANKS (NCBs)

The respective NCBs will receive, verify and process all forms.

1.7.2. THE TARGET PARTICIPANTS

The TARGET Participant submits the correctly filled out form to its respective NCB by the means defined by that NCB as defined in the chapter 1.5.

1.8. ACCESS RIGHTS MANAGEMENT

Access rights management in TARGET Services is based on the concepts of privileges and roles as well as the concept of party administrators. A privilege is the capability of triggering a certain function (for example, to perform a given query). Privileges are grouped into roles. The access rights profile of a given user is determined by the set of roles and privileges granted to it.

Each entity/party must have at least one party administrator, i.e. a user that may grant any roles and privileges previously granted to its entity. A role becomes available to a party administrator after this role has been granted to this party. From this moment on, the party administrator can grant this role. I.e., after the configuration of access rights at party level has been set up for a given party, its party administrator(s) can perform the configuration of access rights at user level, in order to assign the appropriate roles and privileges to all the party users. The roles are granted based on the roles selected in the registration form.

The form allows for the creation of two administrator users, should further administrator users be needed the participant must create them themselves. The original administrator users may grant the new administrator users with all of the relevant roles.

2. ONBOARDING TO RTGS AND CLM

2.1. ONBOARDING INTRODUCTION

This document outlines the principles for the on-boarding of new participants, with a focus on detailing the steps towards participation in the production environment.

New participants can connect to the system as soon as they have completed the connectivity and interoperability testing activities and mandatory tests and are ready to send payments to and from CLM and RTGS on a date bilaterally agreed between the new participant and its NCB.

This chapter aims at providing an overview of all the available information to support the onboarding and testing of new T2 participants. Further documentation such as the User Defined Functional Specification (UDFS) is available in the T2-T2S Consolidation section of the ECB website.

2.2. THE EUROSYSTEM FMI

CLM and RTGS is a harmonised and standardised pan-European Real Time Gross Settlement service with common functionality across different countries and jurisdictions for settling large value payments in Central Bank Money.

Cash accounts in euro are legally opened by the responsible NCB. Cash account (along with T2S and TIPS cash account) balances are taken into account for the calculation of the minimum reserve and marginal lending facility.

All TARGET services are billed via CLM and RTGS and the the pricing guide is here on the ECB website.

2.3. ESMIG, CRDM AND TIPS

The Eurosystem Single Market Infrastructure Gateway (ESMIG) provides the single access point for the external communication to the Common Reference Data Management (CRDM), to CLM and RTGS and eventually to all of the other TARGET Services. This means it is in charge of A2A and U2A traffic management providing authentication of all inbound traffic (U2A and A2A) as well as sender (i.e. external party sending communication) authentication and identification.

The connectivity guide available on the ECB website provides information about how to connect to ESMIG.

The Common reference data module (CRDM) reduces the effort required to create and maintain multiple copies of reference data and centralises the management of user access rights. The configuration of reference data is done in the CRDM .

TIPS Participants are asked to also consult the TIPS onboarding guide.

2.4. CONNECTIVITY GUIDE

The aim of the Connectivity Guide is to explain how to establish a technical connection to the TARGET services through ESMIG and to describe the process to be followed to register to the system and to select a Network Service Provider (NSP).

2.5. ECONS II CLOSED GROUP OF USERS

NCBs and participants will need to join a separate closed group of users (CGU) for the ECONS II Service.

2.6. NETWORK SERVICE PROVIDERS (NSP)

The list of NSPs providing connectivity to ESMIG and tp the TARGET Services is available on the ECB website. Currently, SIA-COLT and SWIFT provide this service.

2.7. SIA-COLT CUSTOMERS

Once the contractual relationship is established between SIA-Colt and the Customer, the procedure consists of the following steps:

1. **User Registration**: SIA-Colt registers the Customer in the SIAnet.XS Portal (https://sianetxs.sia.eu/).
2. **Domain Join**: the Customer defines its Technical Address and subscribes to a Closed Group of Users
3. **Configuration phase**: SIA-Colt implements the addressing configuration

2.7.1. SIA USER REGISTRATION

The customer is requested to provide SIA-Colt with the User Administrator Appointment Letter to register the initial Customer user in the Portal.

This user represents the initial user administrator and its main duty is to create other Customer's users in the Portal. It is suggested to register at least two initial user administrators.

2.7.2. SIA DOMAIN JOIN, I.E. SUBSCRIPTION TO ESMIG CLOSED GROUP OF USERS (CGUs)

Adhering to the ESMIG Technical Requirement, the Domain Join workflow available from SIAnet.XS Portal enables ESMIG Directly Connected Actors (Di.Co.A) to join ESMIG CGU. The request is initially verified by SIA-Colt, and then it is authorized by the relevant NCB and/or CSD (if applicable) and, in the end, approved by the ESMIG Operator. A Domain Join is requested for each CGU, i.e. for A2A and U2A for each Business Service for each environment (EAC/UTEST/PROD).

During this phase, the ESMIG Di.Co.A defines and provides its Business User address (BU), i.e. the Technical Address used for exchange of A2A messages.

This Technical Address should match the value reported in the registration form for registering the Party in CRDM .

2.7.3. SIA CONFIGURATION PHASE

Once the CGU request has been approved by the ESMIG Operator, SIA-Colt implements the A2A/U2A addressing configuration. The addressing configuration is then made available over the SIAnet.XS network nodes.

In addition to the previous steps, the Customer is requested to setup the security parameters needed for authentication, non-repudiation, encryption, i.e. certificates and LAU Key.

2.7.3.1. *CERTIFICATES MANAGEMENT- SIA*

A2A certificates: The Customer Security Officer requests - through SIAnet.XS Portal - the digital certificates used for authentication and non-repudiation between the SIAnet.XS network gateway to exchange traffic. The enrolment procedure is fully automated and the certificates are stored in HSM module embedded in SIAnet.XS network gateway.

- Business Layer Signature (BLS) certificates: The Customer Security Officer requests - through SIAnet.XS Portal - the digital certificates used for Business Layer Signature. The enrolment procedure is fully automated and the certificates are stored in HSM module embedded in SIAnet.XS network gateway. Optionally, BLS certificates can be stored in secure stores provided by the Customer: in such a case, no additional functionality is available from SIAnet.XS network gateway supporting the Business Layer Signature calculation and verification processes.

- U2A certificates: The Customer Security Officer requests - through SIAnet.XS Portal - the digital certificates used for authentication and non-repudiation by Customer end users accessing the ESMIG web portal (GUI, CRDM). The enrolment procedure is managed by Customer Security Officer, and the certificates are stored in USB physical tokens supplied by SIA-Colt or in Virtual tokens (also known as the Remote HSM solution), centrally managed by SIA-Colt. The End User Certificate Distinguished Name should match the value reported in the registration form.

- TLS certificates: The Customer Security Officer requests - through SIAnet.XS Portal - TLS certificates to secure the communication channels between SIA-Colt and Customer infrastructure according to SIAnet Security Guidelines.

2.7.3.2. *SIA - LAU KEY MANAGEMENT*

LAU Key: The Customer Technical Operators request – through SIAnet.XS Portal – the symmetric key to be used to secure the communication between Customer messaging interface and SIAnet.XS network gateway.

For further details, SIA-Colt Solution for ESMIG is documented in the “ESMIG Connectivity Services - Service Description” which is available to SIA-Colt Customers.

2.8. SWIFT CUSTOMERS

For on-boarding to the various TARGET services reached via ESMIG, SWIFT has decoupled the contractual aspect from the configuration aspect. For each of these two aspects, order forms are available at www.swift.com > Ordering A-Z > SWIFT's Solution for ESMIG

1. The “Subscribe to SWIFT's Solution for ESMIG” e-form covers the contractual aspect. By submitting the e-form, the ordering customer selects SWIFT as its ESMIG NSP and enters into a contract with SWIFT in line with the Service Description of SWIFT's Solution for ESMIG. This contract covers the usage of SWIFT's Solution for ESMIG in Test and in Production, and for each selected TARGET services, such as CLM , RTGS, T2S, TIPS and in the future, ECMS. This e-form is submitted only once to cover all selected services. Any changes (for example, adding a service to the contract) can be done later as needed.
2. Specific e-forms such as the “Configuration form for T2” cover the configuration aspect which is necessary to complete for each service and for each environment in the service (i.e. test or production). The configuration form allows customers to provide the necessary configuration details of their technical infrastructure set-up (for example, SWIFTNet address and routing rules) which then leads to the provisioning of the customer’s SWIFTNet Address in the relevant Closed User Group (CUG). Upon submission of the configuration form, SWIFT will request the approval of, as applicable, the relevant NCB or CSD in addition to that of the ESMIG Operator. The approving NCB or the CSD is a field to fill on the form.

The “Configuration form for T2” in Pre-Production (UTEST) will be made available in July 2021 to provision for the user test phase now scheduled for Q4 2021. Some other configuration forms already exist (i.e. for TIPS and T2S services and environments) and will be adapted as needed to meet ESMIG requirements. Other configuration forms (for PROD environment and ECMS environments) will be created. These configuration forms related changes are scheduled in line with the ESMIG Industry timeline migration dates.

Before submitting the configuration form of the service subscription, customers need to have ordered, via the appropriate e-forms available at www.swift.com > Ordering A-Z >, all necessary components of SWIFT's Solution for ESMIG. The list of necessary components may vary depending on whether customers decide to connect directly or indirectly, or through a SWIFT-operated connectivity infrastructure, to deploy a dedicated or non-dedicated connectivity infrastructure. More information is available in the Service Description of SWIFT's Solution for ESMIG.

If a customer wants to make a change to any of the two aspects of the subscription above, this can always be requested via the corresponding Change forms, available from www.swift.com > Ordering A-Z > Change > SWIFT's Solution for ESMIG.

Customers must, before ordering any SWIFT services and products for their use of SWIFT's Solution for ESMIG, always contact their SWIFT Account Manager to discuss their specific requirements and obtain a specific quotation. Where applicable, this quotation must be referenced in the subscription to SWIFT's Solution for ESMIG and when ordering the necessary components.

2.9. TESTING BEFORE CONNECTION TO PRODUCTION

The Eurosystem provides one year of User Testing to the participants before the November 2022 go-live. Participants must perform testing in the pre-production test environment (UTEST) before connecting to Production as well as passing the mandatory test cases. Participants are asked to consult the User Testing Terms of Reference and the Mandatory Test Cases documents.

3. OVERALL STRUCTURE OF THE FORM FOR COLLECTION OF REFERENCE DATA

3.1. STRUCTURE OF THE FORM FOR COLLECTION OF REFERENCE DATA

3.1.1. HEADER OF THE TARGET FORM

The first nine reference data fields comprise the header of the form. Participants must ensure to select whether this is a new reference data object or a modification or deletion of an existing object. The proper environment must be selected.

The field “Activation date” in the header of the reference data form refers to the date when/to which the reference data in the form (or the changes to it) should become active in CRDM. Thus, in the case of a forms with the option “First Registration”, “New/Add” or ”Modify” in the header, the activation date corresponds to the opening/activation date of the reference data. In forms with the option “Delete”, the activation date corresponds to the closing/deactivation date of the reference data (i.e. from the beginning of the business day indicated, the reference data will not be valid anymore). Deleted reference data objects will be purged after three months and will no longer be visible.

Party New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
1	Party BIC (M)	The BIC used to define the Party	Free field, BIC11 only
2	Parent BIC (M)	The Parent BIC – The BIC11 of the responsible NCB.	Free field, BIC11 only
3	Form type (M)	Select the Form Type First Registration New/Add Modify Delete Each participant must do a new “ First Registration” for each service it joins e.g CLM and RTGS , T2S , TIPS and	Tickbox (only one option can be selected)

		ECMS. In the context of the T2-T2S consolidation , if the Party already exists due to a prior registration for another service e.g. T2S or TIPS , the “First Registration” must nonetheless be filled in. The Modify functionality is used when the reference data already exists in CRDM and needs to be updated .	
4	Environment (M)	EAC (only relevant for CBs) UTEST (Pre-Production) Production	Dropdown
5	Submission date (M)	Date of submission of the form to the NCB	Date selection (YYYY-MM-DD)
6	Reference (O)	Customers own reference . It is highly recommended to insert a reference here.	Free field Char35 max
7	Related reference (O)	Can be used for a second or a related reference e.g. when updating a previous form	Free field Char35 max
8	Activation date (M)	The date from which the related reference data should be active in the system. In case of a deletion NCBs should be aware that the “valid to” date is D-1.	Date Selection (YYYY-MM-DD)
9	Responsible CB (M)	The NCB to whom the form is being submitted	Dropdown Menu

3.1.2. SECTIONS FOR DATA INPUT

All applicable sections in the form must be initially filled out when making a firstregistration to CLM and RTGS (although the party may be already defined in the CRDM due to TIPS or T2S). Please see the relevant chapters. When modifying a registration, the NCB defines whether only the specific fields in one section need to be completed or if the entire form needs to be filled-in.

3.1.3. DECLARATION AND SIGNATURE

Due to local laws every NCB will advise on their preferred method of signing the registration form (the formats for signing the form are described in the chapter 1.5).

3.2. OVERVIEW OF THE SECTIONS

When opening a party only the relevant fields to the party type should be entered in the form.

3.2.1.1. *DIRECT PARTICIPATION TO RTGS (AND COMMON COMPONENTS)*

For direct participation only “Direct” can be selected as one of the seven types of participation in field 132, using the dropdown menu.

3.2.1.2. *DIRECT PARTICIPATION TO CLM (AND COMMON COMPONENTS)*

For direct participation only “Direct” can be selected as one of the seven types of participation in field 132, using the dropdown menu.

3.2.1.3. *DIRECT PARTICIPATION TO RTGS (U2A-ONLY PARTICIPANT)*

Field 67 must be ticked for U2A only and “Direct” needs to be selected in field 132.

3.2.2. DIRECT PARTICIPATION TO CLM (U2A-ONLY PARTICIPANT)

Field 58 must be ticked for U2A Only and “Direct” needs to be selected in field 132.

3.2.3. SECTIONS/REFERENCE APPLICABLE TO ANCILLARY SYSTEMS

Section “Setting up AS procedure “ is solely to be used by Ancillary systems in RTGS. This deals with the Bilateral Agreements, the setting-up of the AS procedures and the creation of Settlement Bank account group respectively. These parts will be blocked in the form for other types of participation. Chapter 7 of this guide deals with Ancillary systems.

3.2.3.1. *SECTIONS/REFERENCE DATA APPLICABLE TO CB*

Fields applicable only to NCBs are blocked for other types of participant.

3.2.3.2. *SECTIONS/REFERENCE APPLICABLE TO OTHER PARTICIPATION TO RTGS*

For “Non-Direct” forms of participation the below options are available and may be inserted in field 132 using the dropdown menu

- Multi Addressee – Branch of Direct Participant
- Multi Addressee – Credit Institution
- Addressable BIC – Correspondent
- Addressable BIC – Branch of Direct Participant

- Addressable BIC – Branch of Indirect Participant
- Addressable BIC – Branch of Correspondent

3.2.4. SECTIONS/REFERENCE APPLICABLE FOR T2S-CASH/DCA REGISTRATION

T2S Dedicated Cash Account can be selected in the dropdown menu related to field 112 Cash account type. Chapter 8 of this document deals with the setting up of a T2S DCA.

3.2.5. SECTIONS/REFERENCE APPLICABLE FOR TIPS REGISTRATION

- DCA Holder

TIPS Account can be selected in the dropdown menu related to field 112 Cash account type

3.2.6. INTEREST RATE

NCB are responsible for the insertion of the relevant interest rate that applies to each individual account in the system (e.g. deposit rate) and as such these cannot be selected on the registration form.

4. REFERENCE DATA FOR PARTY

This section is dedicated to the description of Party reference data that must be configured by the responsible NCB (with the information filled on the registration form) and encompasses information that is used across the different TARGET Services:

- Main information, general information on the Party;
- Technical addresses, to define the Distinguished Names (DNs) that are authorized by the Party for the different services;
- Service Link/s, to determine the participation type in the different services;
- Information dedicated to specific TARGET services, that is defined at the Party level;
- Invoice configuration, for completing the information needed for the billing set-up;
- Access rights information, to request roles and define the operating mode according to the Party business needs. This section also describes the creation of the administrator users that are responsible to start the access rights management within their Party.

4.1. EXISTING ADMINISTRATOR USERS

Admin users previously set up for the TIPS or T2S services can operate in CLM and RTGS without any changes to the configuration apart from the granting of the relevant access rights (Roles) by the NCB. Participants are asked to include two already existing Admin Users from forms 7200 (T2S) and 8200(TIPS) in the registration form. These Admin Users will be granted the relevant roles.

4.2. REFERENCE DATA FIELDS

All items with (M) are mandatory fields, all items marked (O) are optional fields. Optional fields which are conditional upon a previous selection are marked (C)

1. Party New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
20	Party Long Name (M)	Full name of the party. This is an attribute of the party name. It is used in several screens in CRDM, T2S, TIPS and also RTGS/CLM GUIs.	Free field, Char350 max
21	Party Short name (M)	Short name of the party. This is an attribute of the party name. It is used in several screens in CRDM, T2S, TIPS and also RTGS/CLM GUIs.	Free field, Char36 max

22	Party type (M)	To specify the classification of the party, with the possible values being: Payment Bank NCB Ancillary System	
23	Street (M)	Enter the name of the street for the address.	Free field Char70 max
24	House number (M)	Enter the house number for the address.	Free field Char16 max
25	Postal code (M)	Enter the postal code for the address.	Free field Char16 max
26	City (M)	Enter the city for the address.	Free field Char35 max
27	State or Province (O)	Enter the state or province for the address.	Free field Char35 max
28	Country code (M)	Enter the country code of the address.	Free field Char2 max
29	LEI[1] (C)	Mandatory in case the Party is linked to either CLM or RTGS. Enter the Legal Entity Identifier of the Party, as defined by ISO 17442 standard.	Free field Char20 required
30	Party contact name (O)	Enter the name of the party contact. To be filled only if the Party wants to define contacts that are visible to its own users and to the responsible NCB. The fields 31 to 34 are specifically for the insertion of contact details of the relevant team at the institution related to TARGET services. This contact name must be a generic contact at the institution (e.g. the name of the team). In case Party wants to define contacts, fields 30 and 31 are mandatory.	Free field, Char140 max
31	Party contact position (O)	Enter the position of the Party contact. To be filled only if the Party wants to define	Free field Char35 max

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[1] Legal Entity Identifier

		contacts, that are visible to its users and the responsible NCB. This field must be a generic position at the institution (e.g. team name or location). In case Party wants to define contacts, fields 30 and 31 are mandatory.	
32	Office Telephone Number (O)	Enter the office telephone number of the Party contact. To be filled only if the Party wants to define contacts that are visible to its users and the responsible NCB. This must be a generic departmental/team number In case Party wants to define contacts, field 32 is optional. Only one per party contact can be defined.	Free field Char35 max
33	Mobile Number (O)	Enter the mobile number of the Party contact. To be filled only if the Party wants to define contacts that are visible to its users and the responsible NCB. Please enter a generic number here or leave the field blank. In case Party wants to define contacts, field 33 is optional. Only one per party contact can be defined.	Free field Char35 max
34	E-mail address (O)	Enter the email address of the Party contact.	Free field, Char254 max

		To be filled only if the Party wants to define contacts that are visible to its users and to the responsible NCB. Please enter a group/departmental/team email address here or leave the field blank. In case Party wants to define contacts, field 34 is optional. Only one per party contact can be defined.	
B) Technical address			
Field code	Item	Description	Data validation rules
35	Technical Address (M)	Technical addresses of the party to be used for the connection in Application-to-Application (A2A) mode. Several technical addresses can be defined per party. For A2A access the field must be filled with the Distinguished Name (DN) as indicated by the Network provider. If the Party is only accessing through U2A mode then “U2A Only“ must be inserted in the text box.	Free field, Char256 required
36	Network service name (M)	Select the Network service, from the drop down list.(For U2A only please select “U2A only No NSN”) The following Network Services are available • T2CLM.SWIFT.FILESNF • T2CLM.SWIFT.MSGSNF • T2CLM.SWIFT.MSGRT • T2CLM.SIA-COLT.FILESNF	

		• T2CLM.SIA-COLT.MSGSNF • T2CLM.SIA-COLT.MSGRT • T2RTGS.SWIFT.FILESNF • T2RTGS.SWIFT.MSGSNF • T2RTGS.SWIFT.MSGRT • T2RTGS.SIA-COLT.FILESNF • T2RTGS.SIA-COLT.MSGSNF • T2RTGS.SIA-COLT.MSGRT • T2CRDM.SIA-COLT.FILESNF • T2CRDM.SIA-COLT.MSGSNF • T2CRDM.SIA-COLT.MSGRT • T2CRDM.SWIFT.FILESNF • T2CRDM.SWIFT.MSGSNF • T2CRDM.SWIFT.MSGRT • T2BILL.SIA-COLT.FILESNF • T2BILL.SIA-COLT.MSGSNF • T2BILL.SIA-COLT.MSGRT • T2BILL.SWIFT.FILESNF • T2BILL.SWIFT.MSGSNF • T2BILL.SWIFT.MSGRT • T2BDM.SIA-COLT.FILESNF • T2BDM.SIA-COLT.MSGSNF • T2BDM.SIA-COLT.MSGRT • T2BDM.SWIFT.FILESNF • T2BDM.SWIFT.MSGSNF • T2BDM.SWIFT.MSGRT • Messages Store&Forward : SWIFT.MSGSNF or SIA-COLT.MSGSNF; • Messages Real Time: SWIFT.MSGRT or SIA-COLT.MSGRT; • Files Store&Forward: SWIFT.FILESNF or SIA-COLT.FILESNF; and • Files Real Time: SWIFT.FILERT or SIA-COLT.FILERT	
C) Party Service Link			
Field code	Item	Description	Data validation rules
37	Service (M)	Select the service/s to which the Party should be linked to. Available services are: TIPS SERVICE	

		T2 CLM COMPONENT T2 RTGS COMPONENT ECONSII COMMON COMPONENT T2S Service The reference data relevant for each component are described in detail in the following chapters. T2S Service is only selected in this form for information purposes as T2S Parties are linked by default to the service in CRDM	
38	Party type (M)	Select the type of participation in the service/s selected: If TIPS service is selected in field 37: TIPS NCB TIPS Participant TIPS Reachable Party MPL-Only Participant (Mobile Proxy Lookup for TIPS) If CLM component is selected in field 37: CLM CB Account Holder CLM CB Technical Account Holder CLM Account Holder Institution managing minimum reserve without account in CLM If RTGS component is selected in field 37: RTGS CB Account Holder RTGS Account Holder Ancillary System	

		If ECONSII common component is selected in field 37: Contingency CB Account Holder Contingency Account Holder Contingency Ancillary System If T2S Service is selected in field 37 then T2S Account Holder is selected automatically This information must be consistent with the information filled in field 22.	
E)Additional **party information for CLM service**			
54	Overnight Deposit Indicator (M)	It specifies whether the party is enabled for Overnight Deposit. This box is pre-ticked , participants must untick if they are not eligible.	Dropdown
55	Marginal Lending Indicator (M)	It specifies whether the party is enabled for Marginal Lending. This box is pre-ticked , participants must untick if they are not eligible.	Dropdown
68	Intraday Credit Indicator	Specifies whether the party is eligible to receive intraday credit.	Dropdown
56	Minimum Reserve Obligation (M)	Combo-box to select if an institution is subject to minimum reserve requirement or not and the type of the minimum reserve calculation. The possible values are: ▪ Direct ▪ Pool ▪ Indirect ▪ No	Dropdown
57	Institutional Sector	Combo-box to select the sector code of the institution. For detailed information please see	Dropdown

	Code (M)	the table of Institutional sector codes provided in the annex or contact your NCB.	
58	U2A Only (O)	Tick if this party will only access the CLM service through the U2A channel.	Tickbox
59	MFI Code (C)	Entry field for the MFI Code of the Participant[2]. Mandatory/Only applicable if the Party is subject to minimum reserve obligations (field 56).	Max 256 Char
60	Leading CLM Account Holder Parent BIC (O/C)	Condition: if the Party is subject to minimum reserve obligations (field 56) then this is mandatory. To fill-in with the Parent BIC of the Leading CLM Account Holder. If the participant is not directly holding e.g pool(non-owner) or indirect holding then the Parent BIC of the relevant CLM account holder must be inserted here. If the institution is managing minimum reserve without a CLM account , then the Parent BIC of the relevant CLM account holder must be inserted here.	BIC11
61	Leading CLM Account Holder Party BIC (O/C)	Condition: if the Party is subject to minimum reserve obligations (field 56) then this is mandatory. To fill-in with the Party BIC of the CLM Account Holder. If the participant is not directly holding e.g pool(non-owner) or indirect holding then the Party BIC of the relevant CLM account holder must be inserted here. If the institution is managing minimum reserve without a CLM account , then the Party BIC of the relevant CLM account holder must be	BIC-11

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[2] Defined in 'List of Monetary Financial Institutions and institutions subject to minimum reserves'. For further information, see ECB website: http://www.ecb.europa.eu/stats/money/mfi/general/html/elegas s.en.html

		inserted here.	
62	Eurosystem flag (O)	It is automatically ticked based on the selected NCB (field 9).	Tickbox
63	Maximum Amount for Overnight Deposit (C)	To define the maximum amount for overnight deposits For Non-Euro NCBs who use the overnight deposit facility. Not be ticked or filled in.	Tickbox
64	CB account number for standing facilities interests (O)	CLM account number of the responsible NCB, for standing facilities interest. To be entered by the responsible NCB after the submission of the form, if applicable.	Free field, Char34 max
65	CB account number for minimum reserve interests and penalties (O)	CLM account number of the responsible NCB, for minimum reserve interests and penalties. To be entered by the responsible NCB after the submission of the form, if applicable.	Free field, Char34 max
66	CB account number for other interests (O)	CLM account number of the responsible NCB, for other interests. To be entered by the responsible NCB after the submission of the form, if applicable. It is possible for CBs to open multiple CLM CB accounts and dedicate them to different purposes e.g. for the settlement of other interests. In case a party is not subject to minimum reserve requirement or single accounts are excluded from the minimum reserve calculation at account level, they might be subject to interest calculation due to other purposes. This can be configured by the CB on account level.	Free field, Char34 max
F) Additional party information for RTGS service link			
67	U2A only (O)	Tick if this party will only access the RTGS service through the U2A channel.	Tickbox

69	Ancillary System Subtype (C)	The Ancillary system subtype must be selected from the choices below:- High Value Payment Systems Retail Payment Systems Instant Payment Systems Security Settlement Systems Foreign Exchange Settlement Systems Money Market Settlement Systems Central Counterparties Other	Dropdown
D) Additional party information for T2S service			
46	Attribute Name	Shows the Name of the MSA (Market Specific Attribute) related to the Party	
47	Attribute Value	Shows the Value of the MSA (Market Specific Attribute) related to the Party	
D1) Secured Group			
39	Secured Group Type (O) – to request creation of the group	Field to be used only if the payment bank needs to request the creation of a new secured group of parties or DCAs. Type of secured group, chosen from a drop down box: Parties or Dedicated Cash Accounts.	Dropdown menu
40	Secured Group Identification (O) – to request creation of the group	To be filled by the NCB, upon creation of the secured group, with the Secured Group identification number assigned by the system. NCB only	
40	Secured Group Identification (O) – to request inclusion in the group	Field to be used only if the payment bank needs to request to be included in a given secured group of parties. Identification of the secured group where the	

		payment bank should be included. The party responsible for the secured group makes this information available to the payment bank who requests inclusion.	
42	Party BIC of the party responsible for the secured group (C) – to request inclusion in the group	The DCA holder must insert the Party BIC of the party responsible for the secured group where the DCA should be included.	
43	Parent BIC of the party responsible for the secured group (C) – to request inclusion in the group	The DCA holder must insert the Parent BIC of the party responsible for the secured group where the DCA should be included.	
44	Type of T2S Secured Group		
45	Group Member		
D2) Client Auto-collateralisation			
48	Client Auto-collateralisation (M)	Yes/No field to be used to indicate whether the payment bank intends to offer client auto-collateralisation or not. If this field is Yes, then also the field “Technical address” must also be filled in.	
49	Collateralisation procedure (C)	Conditional upon selection of a secondary CMB (Credit Memorandum Balance) in T2S. If the payment bank wants to set a secondary CMB, then the value to enter in this field is “Repo”.	Dropdown menu
50	Technical Address to	Conditional upon selection of client auto-collat	max. 256 characters

	send daily securities valuations via flat files (C)	and also only to be selected if there is a requirement for valuations via flat file. If the payment bank offers client auto-collateralisation, then the technical Address to be used for sending the valuations of securities which are eligible for client auto-collateralisation needs to be filled in.	(UTF-8 except ‘>’,’<’, ‘&’).
D3) Secondary Credit Memorandum Balance			
51	Secondary CMB (M)	Yes/No field to be used to indicate whether the payment bank intends to set a secondary CMB or not. If this field is Yes, then the field 49 has to be filled (“Repo”).	To be completed
D4) Party Minimum amount			
52	Minimum amounts for Auto-coll (O)	This attribute specifies the minimum amount to be sourced in an auto-collateralisation operation. In case this field is defined, auto-collateralisation for the Payment Bank will always source at least the minimum amount specified, even if the missing cash amount to be covered by auto-collateralisation is lower than the defined minimum.	To be completed
53	Minimum amounts for Client-coll (O)	This attribute shall specify the minimum amount to be sourced in a client-collateralisation operation. The amount specified with this field represents the client collateralisation for all of payment bank’s customers. Client-collateralisation provides at least the minimum amount specified in this field, even if the missing cash amount is lower than the defined minimum.	To be completed
G) Banking group			
68	Group Name (C)	If this field is left empty the bank declares that they are a single institution and not a member of a banking group.	To be completed

		This field identifies the name of the Banking Group used by the NCB for monitoring purposes. If filled with a new Group Name, a new banking group will be created. In case the Group Name already exists, the Party will be added to the existing group.	
69	Leader Parent BIC (C)	This field must be filled with the Parent BIC of the Banking Group Leader. It must be equal to field 2 for the creation of a new banking group.	To be completed
70	Leader Party BIC (C)	This field must be filled with the Party BIC of the Banking Group Leader. It must be equal to field 1 for the creation of a new banking group.	To be completed
H) Roles			
For each role available, the Party must define the operating mode: two-eyes or four-eyes (where applicable). The roles are designed to be flexible to the business needs of the participants and also to allow the segregation of functions at the user level. They are granted to the Party, and then managed by the administrator users[3] at the user level. Some roles contain privileges that can be used in Application-to-Application (A2A) mode. These roles have to be granted in two-eyes mode, except for CLM/RTGS related roles. To obtain further information on the privileges available in A2A mode, please			

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[3] This can be the users defined in section 3, or other users that were granted with the role “Administrator user”.

check the annex to this document.			
72	Party Administrator	This role is the first one granted to the user administrator of the Party by the NCB. This role allows the user administrator to grant himself the other roles that fall under the scope of his own party.	
73	Account holder (AH) Access rights administrator	This role allows the user administrator to create/update or delete the set up for his own organization. This role also allows the user administrator to have an overview of all the users, DN and roles set up for the Party.	
74	AH T2S Reader	This role, always in 2E mode, allows the user to initiate queries and view the results in T2S .	
75	AH CRDM Reader	This role , always in 2E mode allows the user to initiate queries and view the results in CRDM.	
76	AH CRDM Configuration manager	This role allows to set up configurations (network, report, message subscription rules, Account monitoring group)	
77	AH T2S Liquidity manager	This role allows the user to manage the liquidity of the Party. The user can initiate, update, and delete liquidity transfers.	
78	AH CRDM Liquidity Manager	This role allows the user to create a standing order , a limit or a liquidity transfer order in CRDM	
79	AH CLM Reader	This role in 2E mode allows the user to initiate different queries related to the CLM.	
80	AH CLM Manager	This role dedicated for CLM user allows to have	

		an overview of the CLM operations (reservation, overnight deposit, immediate liquidity transfer).	
81	AH RTGS Reader	This role, always in 2E mode, allows a Party owner of a RTGS to initiate different queries.	
82	AH RTGS AS Manager	This role, always in 2E mode, is dedicated to the Ancillary System user. This role allows the AS participant to generate a set of specific queries.	
83	AH RTGS Customer CT U2A	This role allows a user to insert a customer credit transfer in U2A mode.	
84	AH RTGS Inter-bank CT U2A	This role allows a user to insert a inter-bank credit transfer in U2A mode.	
85	AH RTGS Liquidity transfer Manager	This role allows a user to initiate immediate liquidity transfer (account and sub-account)	
86	AH RTGS Payment Manager	This role can be assigned in U2A or/and A2A, and allows to initiate revoke or delete payment.	
87	AH RTGS Limit/Reservation Manager	This role allows to modify or delete a limit or reservation.	
88	AH RTGS Backup Payment Manager	This role allows the user to initiate backup payment and customer backup payment. This Role cannot be selected if the user has already been assigned the AH RTGS Customer CT U2A Role and the AH RTGS Inter-bank CT U2A Role. Note: the participant also have to ask the NCB to activate the functionality.	
89	AH Data Warehouse User	This role allows normal users to initiate predefined requests.	
90	AH TIPS CMB Set-up Manager	This role is only for TIPS user and allows the user to create/update/delete TIPS CMB.	
91	AH Instant Payment	This role is only for TIPS users and allows to	

	Manager	instruct instant payments	
92	AH TIPS Liquidity Manager	This role is only for TIPS users and allows to instruct liquidity transfers.	
93	AH TIPS Party Query Manager	This role is only for TIPS users and allows to initiate queries	
94	AH TIPS Reachable Party Query	This role is only for TIPS users and allows to initiate queries as a reachable party.	
95	AH T2S CMB manager	This role is only for TIPS users and allows the user to create/update/ delete secondary credit memorandum balance.	
96	AH TIPS CMB Manager	This role is only for TIPS users and allows to modify a blocking status or to adjust a CMB limit.	
97	AH CRDM Access	This role allows the user to access CRDM.	
98	AH ESMIG Access	This role allows the user to access the different services. The Party will only have access to the services that have been subscribed.	
99	AH ECONS2 Manager	This role allows the user to initiate request in case of a contingency situation.	
100	AH ECONS2 Reader	This role allows the user to initiate request in case of a contingency situation.	
101	AH MPL Reader	This role is only available for a MPL user. This role allows the user to link a phone number to an IBAN.	
102	AH T2S Collateral manager	This role is only for T2S users and allows to initiate collateral operation and queries	
4. Setting up administrator user			
174	Login name (M)	Login name of the administrator user #1. As the login name must be unique in CRDM, to create new administrator users the following	Free field, Char35 max

		structure should be used: ACBPartyBIC11 + max 21 characters free text. A CB country code (see list of the country codes in the annex xx) BIC=Party BIC (BIC 11). Sub-classification=21 character free text The free text is determined by the participant. It is highly recommended that when the Admin User of the participant creates further Admin Users that the above structure is also used. The same structure (without the initial A) should be used for the creation of (non-Admin) Users. For First Registration. Note : Admin users previously set up for the TIPS or T2S services can operate in CLM and RTGS without any changes to the configuration apart from the granting of the relevant access rights (Roles) by the NCB. Participants are asked to include two already existing Admin Users from forms 7200 (T2S) and 8200(TIPS) in the registration form. These Admin Users will be granted the relevant roles.	
175	Name (M)	Name of the administrator user #1.	Free field, Char127 max
176	System User	Unique System User Reference (SUR)	Free field, Char35 max

	Reference (M)	associated with the administrator user #1. The Eurosystem recommends that the SUR is the same as the login name. As the SUR must also be unique in CRDM, to create new administrator users the following structure should be used: ACBPartyBIC11 + max 21 characters free text. A CB country code (see list of the country codes in the annex xx) BIC=Party BIC (BIC 11). Sub-classification=21 character free text The free text is determined by the participant.	
177	Certificate Distinguished Name (M)	Distinguished name of the certificate that has to be linked to the administrator user #1 that will be connecting via U2A. The DN is composed of couples of attribute=value separated by commas with a blank space after the comma. The format for the DN should be uppercase for the attributes whilst the value should be in lowercase. Here are examples of the User DN:- DN for U2A user: CN=testuser, OU=test, OU=12345, O=t2s, O=swift (regardless of how many qualifiers there are, they should all be written in upper case, and there should be a	Free field, Char256 max

		blank after the comma for each value)	
178	Default (M)	Boolean value that specifies which user is the default one for the reported certificate. This user will be displayed first on the list on the login screen.	
179	Main user (M)	This flag must be ticked so that this administrator (or any user) can access TIPS. This only relates to TIPS .	
180	Login name (M)	Login name of the administrator user #2. As the login name must be unique in CRDM, to create new administrator users the following structure should be used: ACBPartyBIC11 + max 21 characters free text. A CB country code (see list of the country codes in the annex xx) BIC=Party BIC (BIC 11). Sub-classification=21 character free text The free text is determined by the participant. It is highly recommended that when the Admin User of the participant creates further Admin Users that the above structure is also used. The same structure (without the initial A) should be used for the creation of (non-Admin) Users.	Free field, Char35 max

		For First Registration. Note : Admin users previously set up for the TIPS or T2S services can operate in CLM and RTGS without any changes to the configuration apart from the granting of the relevant access rights (Roles) by the NCB. Participants are asked to include two already existing Admin Users from forms 7200 (T2S) and 8200(TIPS) in the registration form. These Admin Users will be granted the relevant roles.	
181	Name (M)	Name of the administrator user #2.	Free field, Char127 max
182	System User Reference (M)	Unique System User Reference (SUR) associated with the administrator user #2. The Eurosystem recommends that the SUR is the same as the login name. As the SUR must also be unique in CRDM, to create new administrator users the following structure should be used: ACBPartyBIC11 + max 21 characters free text. A CB country code (see list of the country codes in the annex xx) BIC=Party BIC (BIC 11). Sub-classification=21 character free text The free text is determined by the participant.	Free field, Char35 max

183	Certificate Distinguished Name (M)	Distinguished name of the certificate that has to be linked to the administrator user #2 that will be connecting via U2A. The DN is composed of couples of attribute=value separated by commas with a blank space after the comma. The format for the DN should be uppercase for the attributes whilst the value should be in lowercase. DN for U2A user: CN=testuser, OU=test, OU=12345, O=t2s, O=swift (regardless of how many qualifiers there are, they should all be written in upper case, and there should be a blank after the comma for each value)	Free field, Char256 max
184	Default (M)	Boolean value that specifies which user is the default one for the reported certificate. This user will be displayed first on the list on the login screen	
185	Main user (M)	This flag must be ticked so that this administrator (or any user) can access TIPS. This only relates to TIPS.	
6. Invoice Configuration			
a) Invoice Configuration			
2	Service (M)	Select the Service/s to be billed: TIPS Service T2 RTGS Component T2S ECMS Service	

		During the testing period the system shows “T2 CLM Component “. This will be corrected with a later software version. This information must be consistent with the services linked to the party (field 37) for CLM, RTGS, T2S and TIPS. The responsible NCB will maintain one invoice configuration per participant. The participants will receive one invoice for each of the selected service/s	
212	Consumption Message (O)	Select if the NCB is enabled to receive the consumption message or not (only relevant for CBs).	
213	Direct Invoicing (O)	Select whether the NCB enables BILL to directly send invoices to its participants(only relevant for CBs).	
214	VAT ID (M)	Identification of the VAT, as defined by the responsible NCB.	Free field, Char35 max
215	Tariff (C)	Tariff that may be associated to the invoice configuration. The participant selects the tariff option (A or B) if they are a RTGS DCA holder or an Ancillary System.	
b) Invoice Address			
216	Street (M)	Enter the name of the street for the address to be used on the invoice.	Free field Char70 max
217	House number (M)	Enter the house number for the address to be used on the invoice.	Free field Char16 max
218	Country Code	Select the country code of the address to be	Free field Char2 max

	(M)	used on the invoice.	
219	City (M)	Enter the city for the address to be used on the invoice.	Free field, Char35 max
220	Postal Code (M)	Enter the postal code for the address, to be used on the invoice.	Free field Char16 max
221	State or Province (O)	Enter the state or province for the address to be used on the invoice.	Free field, Char35 max
222	Phone Number (O)	Enter the phone number to be used on the invoice.	Free field, Char35 max
223	Fax Number (O)	Enter the fax number to be used on the invoice.	Free field, Char35 max
224	Email Address (O)	Enter the email to be used on the invoice.	Free field, Char254 max
C) Direct Debit for the Invoice Configuration			
225	Direct Charging (M)	To enable the participant to be directly debited. This field is defined by the responsible NCB, and cannot be changed by the participant. Based on the policy decision all participants will be directly debited. Therefore this field will be prefilled as ticked.	
226	Credited Account (M or not allowed)	Main Cash Account (MCA) to be credited when the invoice is charged. This field is defined by the responsible NCB, and cannot be changed by the participant.	
227	Debited Account (M or not allowed)	Enter the MCA for the debited participant when the invoice is charged. This MCA can be a cash account opened in a NCB different from the NCB that is responsible	Free field, Char34 max

		for the invoice configuration. Two signatures are required on the form in case the MCA does not belong to the participant that is being invoiced. The participant who is being invoiced must sign the registration form and ensure that the signature of the participant owning the debited cash account is also on the form.	

5. REFERENCE DATA FOR CLM PARTICIPANTS

CLM participants are parties who have at least one CLM MCA (in the case of ancillary systems see chapter 6).

A CLM MCA is mandatory for TARGET payment banks having at least one DCA account (RTGS/T2S/TIPS). A Payment bank may also have only CLM MCA(s)(without any DCA).

For CLM participants the following reference data has to be set-up by the responsible CB (according to the registration form):

- Party reference data (including administrator users and invoice configuration) – see chapter 3
- Cash Account reference data – CLM reference data described in this chapter

The information related to Groups reference data is also available in this chapter.

In addition (after the account reference data set-up by the CB) the participant may create, display, edit, delete and restore the following reference data in the CRDM:

- Cash Account - Account Threshold Configuration: setting up floor/ceiling notification flags, target amounts
- Standing/Predefined Liquidity Transfer Order: setting up standing/predefined liquidity transfers (e.g. Floor or Ceiling breach)
- Standing Order for Reservation
- Account monitoring group: setting up the account monitoring group and add members to the group
- Message subscription (including invoice in A2A using BillingReport camt.077 , if offered by NCB) and Report configuration : setting-up message and report subscriptions

For more information on reference data input, please see the CRDM User Handbook.

5.1. CASH ACCOUNT REFERENCE DATA AND OPTIONAL REFERENCE DATA

Cash account reference data (including the mandatory MCA) and optional reference data for setting up groups is described in the table in section 5.3.

Note: NCB can set up their own cash accounts.

5.2. AUTOMATED LIQUIDITY TRANSFERS

When linking accounts to create the 1:1 link for automated liquidity transfers the workflow is as follows:

1 - Create the MCA account (do not attempt to link it to any other account using field 118 “Associated LT Account”).

2 - Create the RTGS DCA and link it to the MCA using field 118 “Associated LT account “.

3 - Return to the MCA and now link it to the RTGS DCA by entering the RTGS DCA account number in field 118 “Associated LT account “.

5.3. RULE-BASED LIQUIDITY TRANSFERS (FOR FLOOR AND CEILING)

Rule based liquidity transfers are set up as follows:

1 - The floor/ceiling amount is defined in the floor/ceiling notification amount field (via the form)

2 - The participant defines via U2A the target amount for the floor and the ceiling in the account threshold configuration and the floor/ceiling notification flag is ticked

3 - The participant defines via U2A the rule-based LT in the standing/predefined LT order screen

2. Cash account New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
111	Cash Account Number (M)	Format: MCBEURPartyBIC11max 17 characters free text. Account type: M=CLM MCA CB country code (see list of country codes in the annex xx) Currency code=EUR BIC=Party BIC11 Sub-classification=17 character free text Each NCB will decide whether to leave the free text to the parties in whole or in part or to leave it entirely to the parties to determine. Please contact your NCB for more information.	Free field, Char34 max

		If a party has more than one MCA, they should be differentiated in the 17 characters free text section (because the account number has a Party BIC and not an Account BIC). Account types that can be created for CLM : M=MCA D=overnight deposit account L=marginal lending account X=contingency cash account (ECONSII) Accounts beginning in D, L and X will be created by the NCB.	
112	Cash Account Type (M)	When creating a CLM cash account "Main cash account (in CLM)", "overnight deposit account", "contingency cash account" and "marginal lending account" can be selected (CLM CB account can only be selected by NCB). Each CB has to create its CB ECB account and its other accounts e.g CB CLM account after the operator has set up the Party Service Link with service party type "CLM CB Technical Account Holder".	Dropdown Menu
113	Floor notification amount (O)	Lower threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT in T2S . This field is used to define the value for triggering notifications and this value is also the	

		floor amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no floor notification will be triggered. In order to update this amount a new form must be sent using the modify functionality. Please see section 5.2 of this guide.	
114	Ceiling notification amount (O)	Upper threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT. This field is used to define the value for triggering notifications and this value is also the ceiling amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no ceiling notification will be triggered. In order to update this amount a new form must	

		be sent using the modify functionality. Please see section 5.2 of this guide.	
115	Currency (M)	Always EUR	
116	Linked Account Type	This field is not applicable for MCA accounts. The cash account option must be selected when creating overnight deposit accounts, marginal lending accounts or contingency accounts.	
117	Linked Account Reference	This field is not applicable for the creation of MCA accounts. NCB creating the Marginal Lending account or the overnight deposit account must insert the Default MCA number in this field	
B) Account threshold configuration			
118	Associated LT Account	The RTGS account must be entered here to create the 1:1 link	
119	Automated LT for Queued High Priority Payments	Does not apply to CLM. This set-up does not take place when creating the CLM account.	
120	Automated LT for Queued Urgent Priority Payments/AS Transfer Orders	Does not apply to CLM. This set-up does not take place when creating the CLM account.	
C) Default MCA **Note: This field appears in the CRDM GUI in the reserve management account configuration block**			
121	Default MCA (O)	This field is optional and in case the participant has more than one MCAs then one (and only	Tickbox

		one) MCA has to be defined as the default MCA. The default MCA is the only account on which the following operations are processed: - update of credit line; - marginal lending and overnight deposits; - monetary policy operations other than standing facilities e.g. open market operations; - - interest payment orders linked to marginal lending, overnight deposits, minimum reserves and excess reserves; - infringement penalties regarding monetary policy instruments (e.g. minimum reserves); - any other activity carried out by CBs in their capacity as CB of issue In case the CB has more than one CLM CB account then one (and only one) NCB CLM account must be selected as a default MCA.	
D) Reserve Management Account Configuration			
Field code	Item	To be completed	Data validation rules
122	Minimum Reserve Calculation (O)	This field identifies if the account being created is included to the minimum reserve requirement fulfillment. If the participant has a minimum reserve requirement to be fulfilled using this specific account then this box must be ticked.	Tickbox

123	Automated Generation of Interest Payment (System Generated)	This field indicates that Interest Payments are generated automatically by TARGET System. This is ticked by default on behalf of the participant in the registration form.	Tickbox
E) Additional Account configuraton			
Field code	Item	Description	Data validation rules
124	Co-managed (O)	This field is optional. It has to be used if the account will be co-managed.	Tickbox
125	Co-manager (O)	This field identifies the Party BIC of the Co-Manager. If field 122 is ticked then this field is mandatory. This field allows the users of the party to access the information related to the co-managee. All roles and privileges then become applicable also to the co-managed account.	BIC11
127	Credit Based Only (M)	All the CLM accounts owned by the participants are credit based only accounts – this is always ticked by default for the participants. Only CLM CB Accounts can be not ticked.	Tickbox
128	Non-published (O)	This field identifies if the MCA account BIC is not published in the CLM repository.(This repository is only available to NCBs and is separate to the RTGS directory.)	Tickbox
129	Maximum Amount to be Debited per Day (O)	Within this field the participant can limit the use of the direct debit function by defining total sum of debits allowed by direct debit per day on this cash account regardless of the issuer of direct debit orders. In CLM this only relates to a maximum amount set by a participant which can be debited by a	Unlimited amount

		cross-border CB. This field is optional.	
F) Authorised Account User			
Field code	Item	Description	Data validation rules
130	Authorised Account User BIC (M)	This field is mandatory and defines the BIC allowed to settle on the selected CLM account. (The account BIC which is used for routing the cash transfers). Each MCA has an authorised account user BIC which is a distinct BIC11. This BIC11 cannot be used as AAU for any other cash account within the same service.It is expected that the same BIC is assigned as AAU for the CLM MCA and the RTGS DCA of the same participant.	BIC11
131	Cash Account Number (M)	This MCA has to be already created in the system.	
132	Participation Type (M)	This field identifies the participation types of the party BICs defined in field 130. For CLM the only available participation type is: Direct.	
G) Direct Debit Mandate (in CLM this is only relevant for participants who are mandating a cross-border NCB to debit their MCA)			
Field code	Item	Description	Data validation rules

134	Payee Parent BIC (O	This field identifies the Parent BIC of the Participant (payee) which is allowed to issue direct debit instructions.	BIC11
135	Payee Party BIC (O)	This field identifies the Party BIC of the Participant (payee) which is allowed to issue direct debit instructions.	BIC11
136	From Cash Account Number (O)	This field identifies the account number of the CLM MCA to be debited. The account number must already be an active account in the system or else a new one should be defined in field 111. This cash account must belong to the Party in the header of this form.	
137	Payee Reference (M)	This field identifies the reference that can be used in the direct debit. The system will not check for this reference in executing a direct debit but only for an existing mandate. This reference is not included automatically in the related pacs.010 message, also there is no dedicated field for this purpose in the pacs.010. However, there are some optional fields in pacs.010 where references can be entered which could fit this need e.g. the "End to End Identification" could be used. It is possible that according to the participants needs this field is already foreseen for a different reference and in this case another optional field could be used.	
138	Maximum amount per counterparty	The maximum amount allowed to be directly debited by the payee party during a single business day	

139	Maximum amount per payment	The maximum amount the authorized issuer is allowed to debit in a single direct debit	

NCB who wish to debit from a MCA owned by another NCB will need to have a direct debit mandate in order to do so.

5. Setting up groups (Banking group see chapter 3 , T2S Secured group Chapter 3)			
a) Liquidity transfer group			
Field code	Item	Description	Data validation rules
195	Group Name (M)	This field identifies the name of the Liquidity Transfer Group. In case of new Group Name a new Liquidity Transfer Group is created. In case of existing Group Name the account in field 195 will be added to the existing group.	Free field, Char35 max
196	Cash Account Number (M)	This field identifies the Account Number of the MCA included in the Liquidity Transfer Group defined in field 196. Account number has to be the same as defined in field 111.	

6. REFERENCE DATA FOR RTGS PARTICIPANTS

For TARGET payment banks having at least one RTGS DCA the opening of a CLM MCA is mandatory.

For RTGS participants the following reference data has to be set-up by the responsible NCB (according to the registration form):

- Party reference data (including administrator users and invoice configuration) – see chapter 3
- Cash Account reference data – RTGS reference data described in this chapter
- Groups information (optional) – reference data for RTGS groups described in this chapter

In addition (after the account reference data set-up by the CB) the participant may input (set-up and modify) the following reference data in the CRDM:

- Cash Account - Account Threshold Configuration: the reference data relating to floor/ceiling notification flags, target amounts and rule-based liquidity transfers for queued high/urgent payments/AS transfer orders
- Limits: Standing orders for limits
- Standing/predefined Liquidity Transfer Order: standing/predefined and floor/ceiling rule-based liquidity transfers
- Standing Order for Reservation
- Account monitoring group: setting up the account monitoring group and add members to the group
- Message subscription and Report configuration : setting-up message and report subscriptions

For more information on reference data input, please see the CRDM User Handbook. Ancillary Systems see also chapter 6.

6.1. CASH ACOUNT REFERENCE DATA AND OPTIONAL REFERENCE DATA

Cash account reference data and optional reference data for the setting up of groups is described in the following table:

2. Cash account New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
111	Cash Account Number (M)	Format: RCBEURPartyBIC11max 17 characters free text.	Free field, Char34 max

		Account type: R=RTGS DCA U=RTGS Sub Account T=AS technical account G= AS guarantee funds account CB country code (see list of the country codes in the annex xx) Currency code=EUR BIC=Party BIC11 Sub-classification=17 character free text Each NCB will decide whether to leave the free text to the parties in whole or in part or to leave it entirely to the parties to determine. Please contact your NCB for more information. In case of RTGS sub-accounts (account type = "U") the Ancillary System code (to be requested from NCB)must be the first three characters of the 17 character free text. This code shows which AS uses the sub-account in the context of procedure C. *If a party has more than one MCA or RTGS account, the free text section is where the distinction between the accounts is made (because the account number has a Party BIC*	

		and not an Account BIC). Each RTGS DCA has an authorised account user BIC (defined in Field 130) which is a distinct BIC11. This BIC11 cannot be used as AAU for any other cash account within the same service. Participants have the option to include this BIC11 in the free text.	
112	Cash Account Type (M)	Combo box for entry of the account type. RTGS Dedicated Cash Account or RTGS sub-account must be selected.	
113	Floor notification amount (O)	Lower threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT in T2S . This field is used to define the value for triggering notifications and this value is also the floor amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no floor notification will be triggered. In order to update this amount a new form must be sent using the modify functionality. Please see section 5.2 of this guide.	

114	Ceiling notification amount (O)	Upper threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT. This field is used to define the value for triggering notifications and this value is also the ceiling amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no ceiling notification will be triggered. In order to update this amount a new form must be sent using the modify functionality. Please see section 5.2 of this guide.	
115	Currency (M)	Always EUR	
116	Linked Account Type	Only Cash Account can be selected here. This field is mandatory when field 50 'Cash Account Type' is a RTGS Sub-Account.	Dropdown of 2 values = column O
117	Linked Account Reference (M or not allowed)	This field identifies the number of the RTGS DCA (in the case of creation of a RTGS sub-account) to which the Cash Account can be linked. This field also identifies the number of the MCA (in case of creation of an RTGS DCA).	

		This field is mandatory if field 54 is defined. It is not allowed otherwise.	
B) Account threshold configuration			
118	Associated LT Account	This field identifies the CLM MCA which is linked through the 1:1 relationship with the RTGS DCA in order to perform automated Liquidity Transfers. The RTGS DCA must also be later inserted as an associated LT account in the reference date of the CLM MCA.	
119	Rule-based LT for Queued High Priority Payments	Select whether the rule-based LT for queued high priority payments, urgent payments or AS transfers is configured or not	Tickbox
120	Rule-based LT for Queued Urgent Priority Payments/AS Transfer Orders	Select whether the rule-based LT for queued urgent priority payments and/or Ancillary System transfer orders is configured or not	Tickbox
D) Reserve Management Account Configuration			
Field code	Item	To be completed	Data validation rules
122	Minimum Reserve Calculation (O)	This field identifies if the account is included in the minimum reserve requirement fulfillment.	Tickbox
123	Automated Generation of Interest Payment (System Generated)	This field indicates that Interest Payments are generated automatically by TARGET System. Defined by default.	Tickbox
E) Additional Account configuraton			

Field code	Item	Description	Data validation rules
126	Default RTGS Account (M or C)	This field identifies if the Authorised Account User BIC for this account appears as “Main BIC” in the RTGS directory.	Tickbox
127	Credit Based Only (M)	All the RTGS accounts owned by the participants are credit based only accounts – this is always ticked by default to the participants. Only RTGS CB Accounts can be not ticked.	Tickbox
128	Non-published (O)	This field identifies if the RTGS DCA account BIC is not published in the RTGS Directory.	Tickbox
129	Maximum Amount to be Debited per Day (O)	Within this field the participant can limit the use of the direct debit function by defining total sum of debits allowed in its RTGS DCA by direct debits per day regardless of the issuer of direct debit orders. This field is optional.	
F) Authorised Account User			
Field code	Item	Description	Data validation rules
130	Authorised Account User BIC (M)	Participation type Direct: This field is mandatory and defines the account user BICs (one only) allowed to settle on the selected RTGS account (This is the BIC used for routing the credit transfers). There is no need for the definition of an AAU BIC on an RTGS sub-account as it is by definition the AAU BIC of the related RTGS account. It is expected that the same BIC is assigned as	BIC11

		AAU for the CLM MCA and the RTGS DCA of the same participant. Participation types Multi Addressee and Addressable BIC: A direct RTGS participant having multi addressee and/or addressable BICs identifies the BICs in this field. Participants can define several BICs (please add subfields/lines if needed). Wildcard pattern usage (Wildcard rules are defined by wildcard rule lines within a wildcard template. A wildcard template is composed of at least a bank code (only format check (4!a) is to be done on the bank code) and a wildcard character "*" which replaces any following character. The wildcard character can therefore be at any position from 5 to 11, but must always be at the end of the wildcard template (eg. "MARK*"). It is also possible to have no wildcard character in the template. In that case the wildcard rule will apply to only one BIC (e.g."MARKDEFF100").) is possible only for multi-addressee and addressable BICS	
131	Cash Account Number (M)	Account number has to be the same than defined in field 49.	
132	Participation Type (M)	This field identifies the participation types of the party BICs defined in field 130.	

		Available party types are: Direct Multi Addressee – Branch of Direct Participant Multi Addressee – Credit Institution Addressable BIC – Correspondent Addressable BIC – Branch of Direct Participant Addressable BIC – Branch of Correspondent	
G) Direct Debit Mandate			
Field code	Item	Description	Data validation rules
134	Payee Parent BIC (M)	This field identifies the Parent BIC of the Participant (payee) which is allowed to issue direct debit instructions.	BIC11
135	Payee Party BIC (M)	This field identifies the Party BIC of the Participant (payee) which is allowed to issue direct debit instructions.	BIC11
136	From Cash Account Number (M)	This field identifies the account number of the RTGS DCA to be debited. Account number has to be the same as defined in field 49. This cash account must belong to the party defined in the header of this form	
137	Payee Reference (M)	This field identifies the payee reference used in setting up the direct debit. The system will not check for this reference in executing a direct debit but only for an existing mandate. This reference is not included automatically in the related pacs.010 message,	

		also there is no dedicated field for this purpose in the pacs.010. However, there are some optional fields in pacs.010 where references can be entered which could fit this need e.g. the "End to End Identification" could be used. It is possible that according to the participants needs this field is already foreseen for a different reference and in this case another optional field could be used.	
138	Maximum amount per counterparty	The maximum amount allowed to be directly debited by the payee party during a single business day	
139	Maximum amount per payment	The maximum amount the authorized issuer is allowed to debit in a single direct debit	

5. Setting up groups			
a) Liquidity transfer group			
Field code	Item	Description	Data validation rules
195	Group Name (M)	This field identifies the name of the Liquidity Transfer Group. In case of new Group Name a new liquidity transfer group is created. In case of existing Group Name the account in field 195 will be added to the existing group.	Free field, Char35 max
196	Cash Account Number (M)	This field identifies the account number of the RTGS DCA included to the Liquidity Transfer Group defined in field 196. Account number has to be the same as	Free field, Char34 max

		defined in field 111.	
b) Settlement bank account group			
197	Group Name (M)	This field identifies the name of the Settlement bank account group being set up (in the case of an ancillary system) or the Group in which that account will be included in the case of a bank joining an existing settlement bank account group . The group can only be created by an ancillary system(see chapter 6 for the full procedure)	Free field, Char35 max
198	Cash Account Number (M)	This field identifies the account number of the RTGS DCA included in the already existing Settlement bank account group. The account number has to be the same as defined in field 111 if a new cash account is being set up This cash account number can only be added by the settlement bank.	Free field, Char34 max

7. REFERENCE DATA FOR ANCILLARY SYSTEMS

This section deals with the AS –specific fields in the form. For information on how to complete the rest of the fields in sections 1(Party) and 2 (Cash Account), please refer to chapters 3, 4 , 5 and 8. In order to create an RTGS account , please refer to chapter 6.

7.1. REGISTRATION PROCEDURES

7.1.1. PROCEDURES APPLICABLE TO ANCILLARY SYSTEM REGISTRATION

In order to be registered in the Service, an Ancillary System must submit the registration form to the NCB for the set-up of:

a. AS Party (Party type Ancillary System in field 22 of the Form) and AS Settlement Procedure(s), section 2H, select the relevant procedures in field 160.
b. The AS Technical Account needs to be created in field 111, section 2A, mandatory for AS Settlement Procedures A, B, C, D and optional for AS Settlement Procedure E. The Ancillary system technical account must be selected in field 112 and then the account must be linked to the relevant AS procedures in Field 160 (Section 3B)
c. Settlement Bank Account Group, section 5, Setting up groups, B) Settlement bank account group. The ancillary system creates the original group by inserting the group name in field 197. The payment bank who wishes to be part of this group inserts the group name in field 197 and their cash account number in field 198.
d. The payment bank must ensure the signature of the ancillary system is on the registration form. A separate form is generated for this purpose with minimal payment bank registration details. (The Cross-border procedure is explained in a later section.)

If an AS is authorised to open an RTGS DCA and consequently an MCA then it has to be also registered as RTGS and CLM Account holder via the *Service Party Type* object in the respective *Party Service Link*. In this case, no procedure applies, the Ancillary System is treated as any other CLM and RTGS account holder.

Format of Cash accounts for Ancillary systems

Format: RCBEURPartyBIC11max 17 characters free text.

Account type:
T=AS technical account
G= AS guarantee funds account

CB country code (see list of the country codes in the annex xx)
Currency code=EUR
BIC=Party BIC11
Sub-classification=17 character free text

If an AS requests the opening of a T2S/TIPS DCA, then it cannot do so using the AS party., A second Payment Bank party (using a different party BIC) must be opened in order to be registered as a T2S/TIPS Account holder. In such cases, no procedure would apply, the Ancillary System is treated as any other T2S or TIPS account holder.

The registration form needed for:

1. the set-up of the Ancillary System Party (mandatory)
2. the configuration of the AS Settlement Procedures (optional)
3. the set-up of the Settlement Bank Account Group (mandatory for AS procedure users)
4. the creation of an AS Technical/Guarantee Fund Account (optional)

will have to be submitted by the AS to its responsible NCB for the configuration of the reference data in CRDM.

Each settlement bank is responsible to request to its relevant CB the inclusion of its RTGS DCA(s) and/or RTGS sub-account in a Settlement Bank Account Group via a registration form with the required information included in section **5. Setting up groups, B) Settlement bank account group**. This form has to be also signed by the Ancillary System the Settlement Bank Account Group refers to.

The responsible CB of a settlement bank requesting the inclusion of its RTGS DCA(s) and/or RTGS sub-account in a Settlement Bank Account Group has to check if the registration form is signed by both parties (namely the AS and the settlement bank).

In case a settlement bank requests the inclusion of its RTGS DCA(s) and/or RTGS sub-account in a Settlement Bank Account Group for which another CB is responsible, the responsible CB of the settlement bank has to forward the registration form to the relevant CB for the check of the signature of the AS.

Once the confirmation is received that the form is correctly signed by the AS, the responsible CB of the settlement bank can proceed with the inclusion of the RTGS DCA(s) and/or RTGS sub-account in the Settlement Bank Account Group.

One AS can make use of several settlement procedures but only one Settlement Bank Account Group can be defined at the level of the AS.

In case procedure A, B, C or D it is used, one dedicated AS Technical Account has to be opened for each procedure used. In case procedure E it is used, it is possible to reuse the technical account from AS settlement procedure C.

- In section *1.Party, A) Main info*: party type "*Ancillary System*" has to be selected in field 22
- In section *1.Party, C) Party Service Link*: service "*T2 RTGS Component*" has to be selected in field 24 together with Party Type "*Ancillary System*" in field 34
- If the AS is opening a CLM MCA then "T2 CLM component" must be selected in the field "Service" (field 33)
- Section *2.Cash Account* is mandatory for the registration of an AS Technical Account if the Ancillary System will make use of at least one of the AS Settlement Procedures A, B, C, D. One dedicated AS technical account has to be opened for each AS settlement procedure used. Only for AS settlement procedure E it is possible to reuse the technical account from AS settlement procedure C.
- For section *3.Setting up AS procedure* please refer to the following table:

3. Setting up AS procedure			
B) Ancillary System Procedures			
Field code	Item	Description	Data validation rules
160	Procedure (O)	Dropdown values for the entry of the AS Settlement procedure to be configured for the Ancillary System Party. This section can be filled in multiple times in case more than one procedure has to be configured. This can be left blank and in this case no procedure is configured.	
161	Ancillary System Technical Account (C)	Account number of the Ancillary System Technical Account specified for the AS Settlement Procedure. Condition: This field is mandatory in case of Procedure A, B, C or D, optional in case of	Free field, Char34 max

		Procedure E. This cash account must be defined on the same form or already exist in the system	
162	Ancillary System Guarantee Funds Account (O)	Account number of the Ancillary System Guarantee Funds Account that may be specified in case of AS Settlement Procedure A or B. This cash account must be defined on the same form or already exist in the system	Free field, Char34 max
163	Single/Global Notification (C)	Condition : Only to be used in case of Procedure E, this field indicates whether the Ancillary System opted for receiving a global notification after finalisation (settlement, cancellation or rejection) of all individual AS transfers sent within one AS batch message or for each single AS transfer in a batch (select Single or Global)	

- For the (optional) registration of an Ancillary System Bilateral Agreement for cross-AS settlement, please refer to the following table:

3. Setting up AS procedure			
A) Ancillary System Bilateral Agreement (for cross-AS settlement)			
Field code	Item	Description	Data validation rules
158	Counterparty Parent BIC (O)	Indicates the Parent BIC of the linked Ancillary System. Both ancillary systems must insert the counterparty Parent BIC in their own registration form in order for cross AS settlement to function. Field 159 must also be filled in.	Free field, BIC11 required
159	Counterparty BIC (O)	Indicates the Party BIC of the linked Ancillary System. Both ancillary systems must insert the counterparty BIC in their own registration form for cross AS settlement to function. Field 158 must also be filled in.	Free field, BIC11 required

- For the set-up of the Settlement Bank Account Group please refer to the following table:

5. Setting up groups			
B) Settlement bank account group			
Field code	Item	Description	Data validation rules
195	Group Name (M)	Indicates the name of the Settlement bank account group. AS's who are setting up the group must insert the new group name here. PB's who are joining the group must insert the group name that they have received from the AS here.	Free field, Char35 max
196	Cash Account Number (C)	Indicates the RTGS DCA(s) or RTGS sub-account to be included in the Settlement bank account group. When an Ancillary System submits the registration form for the collection of its reference data and for the set-up of the group, this field must be blank. When the payment bank submits the form to join an existing group this field must contain the relevant account number	Free field, Char34 max

Each settlement bank is responsible for requesting to its relevant CB the inclusion of its RTGS DCA(s) and/or RTGS sub-account in a Settlement Bank Account Group via a registration form with the required information included in section **5.1. Setting up groups, b) Settlement bank account group**. This form has to be also signed by the Ancillary System owning the Settlement Bank Account Group.

7.2. DELETION OF AN RTGS DCA OR A SUB ACCOUNT LINKED TO A SETTLEMENT BANK ACCOUNT GROUP

In case a settlement bank wants to request the deletion of one or more of its RTGS DCA(s) and/or RTGS sub-account from a Settlement Bank Account Group, it has to submit to its relevant CB a registration form with the required information included in section **5. Setting up groups, B) Settlement bank account group**. The form has to be submitted in delete mode selecting the value “Close” in field 3 – Form Type.

The form has to be also signed by the Ancillary System the Settlement Bank Account Group refers to.

The responsible CB of the settlement bank requesting the deletion of its RTGS DCA(s) and/or RTGS sub-account from a Settlement Bank Account Group has to check if the registration form is signed by both parties (namely the AS and the settlement bank).

In case a settlement bank requests the deletion of its RTGS DCA(s) and/or RTGS sub-account from a Settlement Bank Account Group for which another CB is responsible, the responsible CB of the settlement bank has to forward the registration form to the relevant CB for a check of the signature of the AS.

Once confirmation is received that the form is correctly signed by the AS, the responsible CB of the settlement bank can proceed with the deletion of the RTGS DCA(s) and/or RTGS sub-account from the Settlement Bank Account Group.

8. REFERENCE DATA FOR T2S DCA HOLDERS

The previous Form 7300 will now be integrated into the T2 Registration form.

The creation and closure of a T2S party and a T2S DCA is performed by the responsible NCB, based on the reference data form(s) received from the T2S party/T2S DCA holder.

Once the T2S DCA is opened, the T2S DCA holder must contact the relevant CSD(s) in order to complete the set up and perform the link of the T2S DCA to the securities account(s).

In case a T2S DCA holder intends to close a T2S DCA, it should inform its NCB and the relevant CSD(s). Subsequently it should request the CSD(s) to remove the link(s) between the T2S DCA and the securities account(s) and, once all the link(s) have been removed, it can request the NCB to close the T2S DCA. Upon closure, it will not be possible to use the T2S DCA for securities settlements or liquidity transfers anymore. Therefore, no formal communication is envisaged between the NCB and CSDs as regards the registration of T2S DCA holders. It is the T2S DCA holder's responsibility to request the respective CSD(s) to create or remove the link(s) of the T2S DCA to the securities account(s) when requesting the opening or closure of a certain T2S DCA. The T2S DCA cannot be closed if the relevant links are not removed.

The form for the collection of the reference data for a T2S party/T2S DCA collects information that should be inserted via CRDM as well as additional information regarding:

(i) the technical address to send daily securities valuations via flat files: this information should be filled by the T2S party in case it offers client auto-collateralisation and should be forwarded by the NCB to the T2S Service Desk.

The T2S Service Desk will include it in the list of technical senders authorised to send securities valuations via flat files, thus enabling the T2S DCA holder to provide T2S the information regarding the valuation of its eligible securities for client auto-collateralisation.

(ii) information that might be used by the collateral management system (CMS) in order to handle the processes related with the automatic auto-collateralisation processes, in particular:

- the identification of the RTGS account for automatic auto-collateralisation reimbursement, via the RTGS account BIC and RTGS account holder MFI code (information via the form);

- the identification of the securities account for collateral supply, via the securities account number and the CSD and CSD participant BIC

For T2S DCA Holders the following reference data has to be set-up by the responsible NCB (according to the registration form):

- Party reference data (see chapter 3) and additional information , including:
    - Additional party information for T2S service
    - Administrator users
    - Secured Group information (optional)
    - Secondary CMB Client auto-collateralisation
    - Invoice configuration
- Dedicated Cash Account (DCA) reference data – T2S DCA reference data described in this chapter

In addition, (after the reference data mentioned above set-up by the CB) T2S DCA Holders may input (set-up and modify) the following reference data via the T2S GUI/CRDM:

- Standing/Predefined Liquidity Transfer
- Optional Cash Sweep
- Account monitoring group
- Message Subscription Rule Set/ Message Subscription Rule
- Report configuration
- Creation of users/Access rights management
- Network configurations, to define the Distinguished Names (DNs) to be used for routing in the various business contexts;
- Secondary CMB

For further information, please see T2S UHB/CRDM UHB.

T2S DCA reference data and the respective fields on the reference data form are described in the following table:

2. Cash account New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
111	Cash Account Number (M)	Unique number identifying the account, determined by the payment bank.	Free field, Char34 max

		Format: CCBEURPartyBIC11ABC Account type: 1 char. exactly C=Cash account CB Country code of the NCB: 2 char. exactly This is the numeric code of the country according to the ISO 3166-1:2020 alpha-2 standard.Currency code: 3 char. exactly EUR=Euro Account holder: 11 char. exactly PartyBIC11 Sub-classification of the account: up to 17 char. free text Each NCB will decide whether to leave the free text to the parties in whole or in part or to leave it entirely to the parties to determine. Please contact your NCB for further information.	
112	Cash Account Type (M)	Combo box for entry of the account type. In case of a T2S DCA for a Party with Party type “Payment Bank”, the default value is: ‘T2S Dedicated Cash Account’ NCB must select “T2S Central Bank account”	
113	Floor notification amount (O)	Lower threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT in T2S . This field is used to define the value for	max. 18 digits before comma and 2 digits after comma

		triggering notifications and this value is also the floor amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no floor notification will be triggered. In order to update this amount a new form must be sent using the modify functionality. Please see section 5.2 of this guide.	
114	Ceiling notification amount (O)	Upper threshold for notifying the Account Holder and also the amount that is used to trigger a rule-based LT. This field is used to define the value for triggering notifications and this value is also the ceiling amount which triggers the rule-based LT, if a target amount has been flagged in the account threshold configuration and the rule-based LT is created in the Standing/Predefined LT order screen. In case this amount is not specified or it is set to zero, no ceiling notification will be triggered. In order to update this amount a new form	max. 18 digits before comma and 2 digits after comma

		must be sent using the modify functionality. Please see section 5.2 of this guide.	
115	Currency (M)	EUR	Fixed field
116	Linked Account type (M)	Select the type of cash account to which the T2S DCA is linked. Possible values are: • Cash Account (CLM MCA) • External RTGS account (Non Euro only)	Dropdown of two values
117	Linked Account Reference (M)	Account number of the MCA/External RTGS account to which the T2S DCA is linked (e.g. for liquidity transfers).	Free field, Char34 max

H) T2S DCA

Field code	Item	To be completed	Data validation rules
141	Primary CMB(M)	This field shows if the credit memorandum balance is the primary one. Mandatory value is “Yes”.	YES
142	Authorized BIC rules: BICs / Inclusion (M)	The pattern identifying the association between credit memorandum balance and BICs. Attribute specifying whether the related wildcard is included or not.	BIC 11
143	Receiving Securities Account Number (only in pledge case) (C)	Identification of the payment bank’s securities account related to the credit memorandum balance, in case the NCB uses pledge as collateralisation procedure.	Free field, Char35 max
144	Central Bank	Flag indicating whether the T2S DCA to be	Yes/No

	Auto-collateralisation (M)	opened should be used for NCB auto-collateralisation. If the flag is set to “No”’, the auto-collateralisation limit will be zero (default value). If the flag is set to “Yes”, the auto-collateralisation limit will be set to “unlimited”4, or to the amount requested by the payment bank via the field 24c – “Requested Auto-collateralisation limit”.	
145	Requested Auto-collateralisation limit (O)	This field might be used by the payment bank to request the definition of an auto-collateralisation limit different from “unlimited”.[1]	
146	MCA for automatic auto-collateralisation reimbursement (C)	If field Central Bank Auto-collateralization is ticked, then the MCA to be used in case of automatic auto-collateralisation reimbursement should be identified here, via the BIC and the MCA account holder MFI code. This MCA must have access to intraday credit, and must be opened under the same Party. BIC of the MCA to be used in case of automatic auto-collateralisation reimbursement.	BIC-11
148	MCA account holder MFI code (C)	MFI code of the participant holding the MCA for automatic auto-collateralisation reimbursement.	Free field, Char 30 max
149	Securities account(s) for	If field Central Bank Auto-collateralization is ticked, then the securities account(s) used for	Free field, Char

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[4] “Unlimited” means that the NCB will set the Central Bank auto-collateralisation limit to 999.999.999.999, 99. In this case, the amount of intraday credit to be granted is capped only by the amount of collateral earmarked for auto-collateralisation by the payment bank.

	collateral supply (C)	providing collateral for NCB auto-collateralisation should be identified here, via the respective securities account number.	35 max
150	CSD participant identification (C)	If field Central Bank Auto-collateralization is ticked, the CSD participant holding the securities account(s) for collateral supply should be identified here, via the respective parent BIC (i.e., the CSD BIC) and CSD participant BIC.	BIC 11
D) Reserve Management Account Configuration			
Field code	Item	Description	Data validation rules
122	Minimum reserve calculation	This box must be ticked if the participant wishes the balance of the T2S DCA to be taken into account for their minimum reserve requirement.	BIC-11
123	Automated generation of interest payment (system generated)	This field is ticked by default	BIC-11
EC) Secured Groups (refer to chapter 3)			
Field code	Item	Description	Data validation rules
D) Client Auto-collateralisation (Refer to chapter 3)			
Field code	Item	Description	Data validation rules
E) Secondary Credit Memorandum Balance (refer to chapter 3)			
Field code	Item	Description	Data validation rules

8.1. SPECIAL PROCEDURES FOR T2S

In the following, special procedures for T2S are described.

1) Update of the external RTGS account/MCA list in the T2S platform

Note: This procedure is only needed, if CRDM and theT2S GUI are used for reference Data input in parallel

The T2S platform will maintain a list of external RTGS accounts/MCAs, which is required to validate the beneficiary account when processing outbound liquidity transfers (from a T2S DCA to a RTGS DCA/MCA). If a RTGS account/MCA mentioned as beneficiary is not included in the list of external RTGS accounts/MCAs, a liquidity transfer pulling funds or for a cash sweep will be rejected. It should be noted that the RTGS account numbers/MCAs included in this list are visible to T2S DCA holders that are directly connected to T2S (however, neither the BIC nor the name of the account holding institution are visible – unless it can be derived as part of the RTGS account number/DCA)[5].

In this context, all RTGS accounts/MCAs that can possibly receive liquidity transfers from a T2S DCA should be included in the T2S list of external RTGS accounts/MCAs. This means that all RTGS accounts/MCAs should be included in the list, with the exception of mirror/technical accounts and unpublished RTGS accounts (unpublished BICs in the RTGS and CLM Directory)[6].

Thus, any RTGS account/MCA that is to be created, amended or deleted by a given NCB (and is not a mirror/technical account, or an unpublished account) should also be created, amended or deleted from the T2S list of external RTGS accounts/MCAs by the responsible NCB. Note, that the code to identify TARGET2 as external RTGS system in T2S is “TRGT”.

2) Registration of a T2S DCA holder linked to a RTGS account/MCA in the books of another NCB

In case the T2S DCA is opened in the books of a NCB but is linked to a RTGS account/MCA opened in the books of a different NCB, the former will ask the latter to take note of the link. The latter has to check the validity of the signature(s) of the RTGS account/MCA holder included in the form. For this, a copy of the form will be sent to the NCB responsible for the RTGS account/MCA following the local sending/receiving requirements (e.g. electronically). This exchange is to be followed also in case the RTGS account/MCA to which the T2S DCA is linked is changed.

A NCB having in its books a RTGS account/MCA which is linked to a T2S DCA opened in the books of a different NCB should inform the T2S DCA holding NCB in case the RTGS account/MCA is to be deleted.

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[5] Each T2S DCA holder can just see the RTGS accounts/DCAs within the data scope of its NCB.

[6] Unpublished accounts may be included in the list by the NCB, upon request of the participant.

Similarly, the T2S DCA holding NCB should inform the NCB that is holding the RTGS account/MCA in case of the deletion of the T2S DCA.

9. REFRENCE DATA FOR TIPS PARTIES

This section is dedicated to the description of TIPS reference data that must be configured by the responsible NCB (with the information filled on the registration form). Party reference data that is relevant to TIPS (as well as other TARGET services) is described in chapter 3.

There are additional reference data objects that fall under the responsibility of the participants, and that should be set-up afterwards (not in the scope of this guide):

- Creation of Users/access rights management
- Network configurations, to define the Distinguished Names (DNs) to be used for routing in the various business contexts;
- Message subscription, to subscribe messages and manage rule sets;
- Report configurations, to subscribe reports and manage report delivery;
- Liquidity management configurations, to manage (create/update/delete) limits and liquidity transfer orders (predefined/standing/automated);
- Setting up of TIPS Credit Memorandum Balance (CMB).

For more information on these configurations please check TIPS UDFS and CRDM UHB/UDFS, or contact your NCB.

2. Cash account New/Edit			
A) Main info			
Field code	Item	Description	Data validation rules
111	Cash Account Number (M)	Format: ICBEURPartyBIC11 max 17 characters free text. Account type: I= Instant payments account A=TIPS AS technical account CB country code (see list of the country codes	Free field, Char34 max

		in the annex xx) Currency code=EUR BIC=Party BIC (BIC 11) Sub-classification=17 character free text Each NCB will decide whether to leave the free text to the parties in whole or in part or to leave it entirely to the parties to determine. Please contact your NCB for more information. If a party has more than one TIPS Account/ CMB, the account numbers are distinguished in the free text section (because the cash account number contains a Party BIC.	
112	Cash Account Type (M)	TIPS Account needs to be selected from the drop-down menu.	
113	Floor notification amount (O)	Lower threshold for notifying the Account Holder. In case this amount is not specified or it is set to zero, no floor notification will be triggered. In order to update this amount a new form must be sent using the modify functionality.	
114	Ceiling notification	Upper threshold for notifying the Account Holder	

	amount (O)	This field is used to define the value for triggering notifications In case this amount is not specified or it is set to zero, no ceiling notification will be triggered. In order to update this amount a new form must be sent using the modify functionality. Please see section 5.2 of this guide.	
115	Currency (M)	Always EUR	
116	Linked Account Type (not allowed for TIPS DCA set-up)	This object needs to be selected when opening a CMB. As this form is used only for opening a TIPS DCA, the field cannot be defined.	
117	Linked Account Reference (not allowed for TIPS DCA set-up)	This field needs to be filled-in when opening a CMB. As this form is used only for opening a TIPS DCA, the field cannot be defined	
59	Minimum Reserve Calculation (O)	This field identifies if the account being created is included to the minimum reserve requirement fulfillment. If the participant has a minimum reserve requirement to be fulfilled using this specific account then this box must be ticked.	Tickbox
60	Automated Generation of Interest Payment (System	This field indicates that Interest Payments are generated automatically by TARGET System. This is ticked by default on behalf of the participant in the registration form.	Tickbox

	Generated)		
	Interest calculation	Not on the form	
	Interest rate type	Not on the form	
F) Authorised Account User			
Field code	Item	Description	Data validation rules
130	Authorised Account User BIC (M)	This field is mandatory and defines BICs allowed to settle on the selected TIPS account (BIC used for routing Instant Payments). If a CMB is in use on the account, the authorised account user BIC (The BIC of the reachable party) must be defined on the CMB and not directly on the account. Each TIPS DCA/CMB has an authorised account user BIC which is a distinct BIC11. This BIC11 cannot be used as AAU for any other cash account or CMB within the same service. Participants can define several BICs (please add subfields/lines if needed).	BIC-11
131	Cash Account Number (M)	Insert the TIPS Account number on which the BIC defined in field 130 will be added as an Authorized Account User BIC. This TIPS Account needs to be already opened or defined in the field 111.	
132	Maximum IP Amount (O)	Maximum Amount accepted by the TIPS Participant or Reachable Party for an incoming Instant Payment Transaction to be settled in the cash account identified in field 131. This	

		amount will appear in the TIPS directory. TIPS will not block any payments above this amount.	

Annex A

List of Institutional Sector Codes

Sectors and sub-sectors		**Public**	**National Private**	**Foreign Controlle**
Non-financial corporations	S.11	S.11001	S.11002	S.11003
Financial corporations	S.12			
Central Bank	S.121			
Other monetary financial institutions	S.122	S.12201	S.12202	S.12203
Other financial intermediaries, except insurance corporations and pension	S.123	S.12301	S.12302	S.12303
Financial auxiliaries	S.124	S.12401	S.12402	S.12403
Insurance corporations and pension funds	S.125	S.12501	S.12502	S.12503
General government	S.13			
Central government	S.1311			
State government	S.1312			
Local government	S.1313			
Social security funds	S.1314			
Households	S.14			
Employers (including own account workers)	S.141+S.142			
Employees	S.143			
Recipients of property incomes	S.1441			
Recipients of pensions	S.1442			
Recipients of other transfer incomes	S.1443			
Others	S.145			
Non-profit institutions serving households	S.15			
Rest of the world	S.2			
The European Union	S.21			
The member countries of the EU	S.211			
The institutions of the EU	S.212			
Third countries and international organizations	S.22			

Annex B

List of Account Holder Roles (Including the constituent privileges)

Role	**Class of Privileges**	**Privilege Short Name**	**Privilege Name**	**Comments**
Party Administrator 2E/4E	**Access Rights Management**	ARM_AdministerParty	Administer Party	
		ARM_GrantPrivilege	Grant Privilege	
		ARM_GrantRole	Grant/Revoke Role	
	Static Data Queries	SDQ_GrantedSysPrivilegesListQuery	Granted System Privileges List Query	
		SDQ_GrantObjectPrivilegesListQuery	Granted Object Privileges List Query	
		SDQ_GrantRevokeRolesListQuery	Grant Revoke Roles List Query	
AH Access Rights Admin 2/4E	**Access Rights Management**	ARM_CreateCertificateDN	Create Certificate Distinguish Name	
		ARM_CreateUser	Create User	
		ARM_CreateUserCertificDNLink	Create User Certificate Distinguish Name Link	
		ARM_DeleteCertificateDN	Delete Certificate Distinguish Name	
		ARM_DeleteUser	Delete User	
		ARM_DeleteUserCertificDNLink	Delete User Certificate Distinguish Name Link	
		ARM_RevokePrivilege	Revoke Privilege	
		ARM_UpdateUser	Update User	
		ARM_UpdateUserCertificDNLink	Update User Certificate DN Link	
		ARM_CreateDNBIC	Create DN-BIC Routing	**Moved from AH TIPS Conf**

				Manager
		ARM_DeleteDNBIC	Delete DN-BIC Routing	**Moved from AH TIPS Conf Manager**
		ARM_UpdateDNBIC	Update DN-BIC Routing	**Moved from AH TIPS Conf Manager**
	Static Data Queries	SDQ_AccessRightsQuery	Access rights query	**Moved from AH T2S Reader**
		SDQ_CertificateDNQuery	Certificate Query	**Moved from AH T2S Reader**
		SDQ_PrivilegeQuery	Privilege Query	**Moved from AH T2S Reader**
		SDQ_RoleListQuery	Role List Query	**Moved from AH T2S Reader**
		SDQ_T2SSysUserQueryT2SActorQuery	T2S System User Query (T2S Actor Query)	**Moved from AH T2S Reader**
		SDQ_UserCertifDNLinkQuery	User Certificate DN Link Query	**Moved from AH T2S Reader**
	Access Rights Queries	ARQ_DNBICQuery	DN-BIC Routing Query	**Moved from AH TIPS Query Manager**
AH T2S Reader	**Static Data Queries**	SDQ_PartialSettlThresholdGroupQuery	Partial Settlement Threshold Group Query	

(renaming the existing Reader role) 2E		SDQ_ISINListQuery	ISIN List Query	
		SDQ_SecuritiesReferDataQuery	Securities Reference Data Query	
		SDQ_CMBDetailsQuery	CMB Details Query	
		SDQ_CMBListQuery	CMB List Query	
		SDQ_ExtRTGSAccountDetailsQuery	External RTGS Account Details Query	
		SDQ_ExtRTGSAccountListQuery	External RTGS Account List Query	
		SDQ_T2SBICQuery	T2S BIC Query	**Move to AH CRDM reader**
		SDQ_DefaultEventSchedDetailsQuery	Default Event Schedule De-tails Query	**Removal as this is an operator only privilege**
		SDQ_QueuedDataChangesQuery	Queued Data Changes Query	**Removal due to double input, name and code was changed and is already present in C87**
		SDQ_ToleranceAmountQuery	Tolerance Amount Query	
	Dynamic Data queries	DDQ_InboundFilesDetailsQuery	Inbound Files Details Query	
		DDQ_InboundFilesListQuery	Inbound Files List Query	
		DDQ_InboundMessDetailsQuery	Inbound Message Details Query	
		DDQ_InboundMessListQuer	Inbound Message List	

		y	Query	
		DDQ_OutboundFilesDetailsQuery	Outbound Files Details Query	
		DDQ_OutboundFilesListQuery	Outbound Files List Query	
		DDQ_OutboundMessDetailsQuery	Outbound Message Details Query	
		DDQ_OutboundMessListQuery	Outbound Message List Query	
AH CRDM Reader 2E	**Scheduling Queries**	SCQ_CurrStatusOfT2SSettlDay	Current Status of the T2S settlement day	**Moved from AH T2S Reader**
		SCQ_T2SCalendarQuery	T2S Calendar Query	**Moved from AH T2S Reader**
		SCQ_T2SDiaryQuery	T2S Diary Query	**Moved from AH T2S Reader**
	Static Data Queries	SDQ_RoutingQuery	Routing List Query	**Moved from AH T2S Reader**
		SDQ_ReportConfigDetailQuery	Report Configuration Details Query	**Moved from AH T2S Reader**
		SDQ_ReportConfigListQuery	Report Configuration List Query	**Moved from AH T2S Reader**
		SDQ_T2SDedicCashAccAudTrailQuery	Cash Account Audit Trail Query	**Moved from AH T2S Reader Privilege is**

				used to query cash accounts across all services
		SDQ_T2SDedicatedCashAccListQuery	Cash Account List Query	**Moved from AH T2S Reader Privilege is used to query cash accounts across all services**
		SDQ_T2SDedicCashAccReferDataQuery	Cash Account Reference Data Query	**Moved from AH T2S Reader Privilege is used to query cash accounts across all services**
		SDQ_DisplayTechAddressNetSerLink	Technical Address Network Service Link Details Query	**Moved from AH T2S Reader**
		SDQ_MessSubscrRuleSetListQuery	Message Subscription Rule Set List Query	**Moved from AH T2S Reader**
		SDQ_MessSubscrRuleListQuery	Message Subscription Rule List Query	**Moved from AH T2S Reader**
		SDQ_MessSubscrRuleSetD	Message Subscription Rule	**Moved from**

		etailQuery	Set Details Query	**AH T2S Reader**
		SDQ_EventTypeListQuery	Event Type List Query	**Moved from AH T2S Reader**
		SDQ_EventTypeDetailsQuery	Event Type Details Query	**Moved from AH T2S Reader**
		SDQ_ClosingDayQuery	Closing Day Query	**Moved from AH T2S Reader**
		SDQ_PartyAudTrailQuery	Party Audit Trail Query	**Moved from AH T2S Reader**
		SDQ_PartyReferDataQuery	Party Reference Data Query	**Moved from AH T2S Reader**
		SDQ_PartyListQuery	Party List Query	**Moved from AH T2S Reader**
		SDQ_RestrictedPartyQuery	Restricted Party Query	**Moved from AH T2S Reader**
		SDQ_NetworkServiceListquery	Network Service List query	**Moved from AH T2S Reader**
		SDQ_CountryQuery	Country Query	**Moved from AH T2S Reader**
		SDQ_CurrencyQuery	Currency Query	**Moved from AH T2S Reader**

		SDQ_LiqTranOrdOfLiqTranOrdLinkSetQ	Liquidity Transfer Order of Liquidity Transfer Order Link Set Query	**Moved from AH T2S Reader**
		SDQ_ResidualStaticDataAudTrailQuery	Residual Static Data Audit Trail Query	**Moved from AH T2S Reader**
		SDQ_SystemEntityQuery	System Entity Query	**Moved from AH T2S Reader**
		SDQ_TIPSDirectoryQuery	TIPS Directory Query	**Moved from AH T2S Reader**
		SDQ_T2SBICQuery	BIC Query	
		SDQ_CLMRepositoryQuery	CLM Repository Query	CB only privilege
		SDQ_RTGSBICDirQuery	RTGS BIC Directory query	
		SDQ_Market-SpecRestrictDetailQuery	Market-specific Restriction Type Rule Detail Query	**Moved from AH TIPS Query Manager**
		SDQ_MarkSpecRestrTypeRuleParamDetQ	Market-specific Restriction Type Rule Parameter Details Query	**Moved from AH TIPS Query Manager**
		SDQ_Market-SpecRestrictListQuery	Market-specific Restriction List Query	**Moved from AH TIPS Query Manager**
		SDQ_MarkSpecRestrTypeRuleSetListQue	Market-specific Restriction Type Rule Set List Query	**Moved from AH TIPS Query**

				Manager
	Dedicated Cash Account Data Queries	DCQ_Account MonitoringGroupQuery	Account Monitoring Group query	
		DCQ_AccountMonitoringGroupDetailsQuery	Account Monitoring Group Details Query	
		DCQ_AuthorisedAccountUserListQuery	Authorised Account User Query	
		Direct Debit Mandate Details Query	Direct Debit Mandate Details Query	**Removal as indicated in UDFS Addendum**
		DCQ_DirectDebitMandateListQuery	Direct Debit Mandate List Query	
		DCQ_LiquidityTransferGroupQuery	Liquidity Transfer Group Query	
		DCQ_LiquidityTransferGroupDetailsQuery	Liquidity Transfer Group Details Query	
		DCQ_SettBankAccountGroupQuery	Settlement Bank Account Group Query	
		DCQ_SettBanAcctGroupDetailsQuery	Settlement Bank Account Group Details Query	
		DCQ_StandingOrdReservDetailsQuery	Standing Order for Reservation Details Query	
		DCQ_StandingOrdReservListQuery	Standing Order for Reservation List Query	
		DCQ_AuthorisedAccountUserListQuery	Authorised Account User Query	**Moved from AH TIPS Query Manager**
	Dynamic Data	DDQ_DataChan-	Data Changes of a Business Object Details	**Moved from AH T2S**

	queries	BusinessObjDetailQuery	Query	**Reader**
		DDQ_DataChan-BusinessObjListQuery	Data Changes of a Business Object List Query	**Moved from AH T2S Reader**
		DDQ_BroadcastQuery	Broadcast Query	**Moved from AH T2S Reader**
	Party Data Queries	PDQ_ASBilateralAgreement Query	Ancillary System Bilateral Agreement Query	
		PDQ_ASProcedureQuery	Ancillary System Procedure Query	
		PDQ_BankingGroupQuery	Banking Group Query	
		PDQ_BankingGroupDetailsQuery	Banking Group Details Query	
		PDQ_PartyServiceLinkListQuery	Party-Service Link List Query	**Moved from AH TIPS Query Manager**
AH CRDM Configuration Manager 2E/4E		PDQ_PartyServiceLinkDetailsQuery	Party-Service Link Details Query	**Moved from AH TIPS Query Manager**
	Other	RCO_ReportListQuery	Report List Query	**Moved from AH TIPS Query Manager**
		RCO_ReportDetailsQuery	Report Details Query	**Moved from AH TIPS Query Manager**
	Network	NCO_CreateRouting	Create Routing	

	Configuration	NCO_DeleteRouting	Delete Routing	
		NCO_UpdateRouting	Update Routing	
	Report Configuration	RCO_CreateReportConfiguration	Create Report Configuration	
		RCO_DeleteReportConfiguration	Delete Report Configuration	
		RCO_UpdateReportConfiguration	Update Report Configuration	
	Message Subscription	MSU_CreateMessageSubscriptionRule	Create Message Subscription Rule	
		MSU_CreateMessSubsRuleSet	Create Message Subscription Rule Set	
		MSU_DeleteMessageSubscriptionRule	Delete Message Subscription Rule	
		MSU_DeleteMessSubscriptionRuleSet	Delete Message Subscription Rule Set	
		MSU_UpdateMessageSubscriptionRule	Update Message Subscription Rule	
		MSU_UpdateMessSubscriptionRuleSet	Update Message Subscription Rule Set	
AH T2S Liquidity Manager (renaming the existing Liquidity Manager role) 2E/4E	**Cash Account Data Management**	DCA_CreateAccountMonitoringGroup	Create Account Monitoring Group	
		DCA_UpdateAccountMonitoringGroup	Update Account Monitoring Group	
		DCA_UpdateAccountMonitoringGroup	Delete Account Monitoring Group	
	Other	SIM_SIUIP	Send new instruction using a specific Instructing Party	
		C_S_LIPRP	Link to an Instruction/Pool Reference belonging to a	

			specific Party	
	Cash Management	CAM_ASRCA	Amend Process Indicator Settlement Restriction on Cash on a Dedicated Cash Account	
		CAM_CSRCA	Cancel Settlement Restriction on Cash on a Dedicated Cash Account	
		CAM_SendNewLiquidityTransfer	Send New Liquidity Transfer	
		CAM_SNDRC	Send New Settlement Restric-tion on Cash on a Dedicated Cash Account	
		CAM_UCBBI	Unblock CoSD Cash Blocking related to cancelled CoSD Settlement Instructions on Behalf of the relevant CSD in T2S	
	Message Management	MMA_ResendCommunication	Resend Communication	
		MMA_Thirdpartyreceipt	Third party receipt	
		MMA_NewBroadcast	New Broadcast	
	Cash Account Data Management	DCA_CreateLiquidityTranOrderLinkSet	Create Liquidity Transfer Order Link Set	
		DCA_DeleteLiquidityTranOrderLinkSet	Delete Liquidity Transfer Order Link Set	
		DCA_UpdateLiquidityTranOrderLinkSet	Update Liquidity Transfer Order Link Set	
	Static Data Queries	SDQ_LimitQuery	Limit Query	**2E only**
		SDQ_LiquidTransOrderLink	Liquidity Transfer Order	

		SetQuery	Link Set Query	
		SDQ_TotAmountStand+PredefOrdQuery	Total amount of standing and predefined orders Query	
	Dynamic Data Queries	DDQ_ MaintInstrForIntraBalanMovQuery	Maintenance Instruction for Intra-Balance Movements Query	**2E only**
		DDQ_AmdInstrForIntraBalMovAudTrDetQ	Amendment Instruction for Intra-Balance Movement Audit Trail Details Query	
		DDQ_AmdInstrForIntraBalMovAudTrLisQ	Amendment Instruction for Intra-Balance Movement Audit Trail List Query	
		DDQ_AmendInstrQueryForIntraBalanMov	Amendment Instruction Query for Intra-Balance Movements	
		DDQ_CancInstrIntraBalanMovAudTrDetQ	Cancellation Instruction for Intra-Balance Movement Audit Trail Details Query	
		DDQ_CancInstrIntraBalanMovAudTrLisQ	Cancellation Instruction for Intra-Balance Movement Audit Trail List Query	
		DDQ_CancInstructIntraBalanMovQuery	Cancellation Instructions for Intra-Balance Movements Query	
		DDQ_CashForecastQuery	Cash Forecast Query	
		DDQ_ImmedLiquidTransOrderAudTrdettQ	Immediate Liquidity Transfer Order Audit Trail Details Query	
		DDQ_ImmedLiquidTransOrderAudTrListQ	Immediate Liquidity Transfer Order Audit Trail	

			List Query	
		DDQ_ImmedLiquidTransOrderDetQuery	Immediate Liquidity Transfer Order Detail Query	
		DDQ_ImmedLiquidTransOrderListQuery	Immediate Liquidity Transfer Order List Query	
		DDQ_IntraBalanMovAuditTrailDetQuery	Intra-Balance Movement Audit Trail Detail Query	
		DDQ_IntraBalanMovAuditTrailLisQuery	Intra-Balance Movement Audit Trail List Query	
		DDQ_IntraBalanMovQuery	Intra-Balance Movements Query	
		DDQ_LimitUtilisationJournalQuery	Limit Utilisation Journal Query	
		DDQ_LimitUtilisationQuery	Limit Utilisation Query	
		DDQ_OutstandAuto-CollCreditQuery	Outstanding Auto-Collateralisation Credit Query	
		DDQ_T2SDCABalanDetailedRestricQuery	T2S Dedicated Cash Account Balance Detailed Restrictions Query	
		DDQ_T2SDedicatedCashAccBalanceQuery	T2S Dedicated Cash Account Balance Query	
AH CRDM Liquidity Manager 2E/4E		DDQ_T2SDedicatedCashAccPostingQuery	T2S Dedicated Cash Account Posting Query	
		DDQ_T2SOverallLiquidityQuery	T2S Overall Liquidity Query	
		DDQ_TotalCollatValuePerT2SDCAQuery	Total Collateral Value per T2S Dedicated Cash Account Query	

	Cash Account Data Management	DCA_CreateStandingOrderforReservation	Create Standing Order for Reservation	**Moved from AH CRDM Configuration manager**
		DCA_UpdateStandingOrderforReservation	Update Standing Order for Reservation	**Moved from AH CRDM Configuration manager**
		DCA_Delete StandingOrderforReservation	Delete Standing Order for Reservation	**Moved from AH CRDM Configuration manager**
		DCA_CreateLimit	Create Limit	**Moved from AH T2S Liquidity Manager**
		DCA_CreateLiquidityTransferOrder	Create Liquidity Transfer Order	**Moved from AH T2S Liquidity Manager**
		DCA_DeleteLimit	Delete Limit	**Moved from AH T2S Liquidity Manager**
		DCA_DeleteLiquidityTransferOrder	Delete Liquidity Transfer Order	**Moved from AH T2S Liquidity Manager**
		DCA_UpdateLimit	Update Limit	**Moved from AH T2S Liquidity Manager**

AH CLM Reader 2E		DCA_UpdateLiquidityTransferOrder	Update Liquidity Transfer Order	**Moved from AH T2S Liquidity Manager**
	Static Data Queries	SDQ_LiquidTransOrderDetailQuery	Liquidity Transfer Order Detail Query	**Moved from AH T2S Liquidity Manager**
		SDQ_LiquidTransOrderListQuery	Liquidity Transfer Order List Query	**Moved from AH T2S Liquidity Manager**
	CLM Dynamic Data Queries	CLM_QueryAccBal	CLM Query Account Balance	
		CLM_QueryAccStat	CLM Query Account Statement	
		CLM_QueryCurReservation	CLM Query Current Reservations	
		CLM_QueryCashTransAuditTrail	CLM Query Cash Transfer Order Audit Trail	
		CLM_QueryCashTrans	CLM Query Cash Transfer	
		CLM_QueryCashTransDetails	CLM Query Cash Transfer Detail	
		CLM_QueryAvaLiq	CLM Query Available Liquidity	
		CLM_QueryFile	CLM Query File	
		CLM_QueryMsg	CLM Query Message	
		CLM_QueryMsgDetail	CLM Query Message Detail	
		CLM_QueryTaskQueue	CLM Query Task queue	
		CLM_QueryTaskQueueDetai	CLM Query Task Queue	

		l	Detail	
		CLM_QuerySysTime	CLM Query System Time	
		CLM_QueryStaFac	CLM Query Standing Facilities	
		CLM_QueryMinRes	CLM Query Minimum Reserve	
		CLM_Querylocpartrefdat	CLM Query local party reference data	
		CLM_QueryLocPartyCashAccRefData	CLM Query local party cash account reference data	
		CLM_QueryListEvents	CLM Query/List Events	**New Privilege**
AH CLM Manager 2E/4E		CLM_QueryBIC	CLM Query BIC data	**New Privilege**
		CLM_QueryBroadcast	CLM Query broadcast	
	CLM Other	CLM_DownloadStatAcc	CLM Download Statement of Account	
	CLM Reference Data Management	CLM_DeleteCurReservation	CLM Delete Current Reservation	
		CLM_ModifyCurReservation	CLM Modify Current Reservation	
AH RTGS Reader 2E	**CLM Cash Management**	CLM_IniImLiquiTrans	CLM Initiate Immediate Liquidity Transfer	**If assigned in 4E, this will not prevent A2A from functioning in 2E mode**
		CLM_IniOveDep	CLM Initiate Overnight Deposit	
		CLM_IniOveDeprev	CLM Initiate Overnight Deposit reversal	

	RTGS Dynamic Data Queries	RTGS_QueryAccBal	RTGS Query Account Balance	
		RTGS_QueryAccStat	RTGS Query Account Statement	
		RTGS_QueryASProcCyc	RTGS Query of AS procedures and cycles	
		RTGS_QueryCurLimit	RTGS Query Current Limits	
		RTGS_QueryCurReservation	RTGS Query Current Reservations	
		RTGS_QueryCashTransAuditTrail	RTGS Query Cash Transfer Audit Trail	
		RTGS_QueryCashTrans	RTGS Query Cash Transfer	
		RTGS_QueryCashTransDetail	RTGS Query Cash Transfer Detail	
		RTGS_QueryFile	RTGS Query File	
		RTGS_QueryMsg	RTGS Query Message	
		RTGS_QueryMsgDetail	RTGS Query Message Detail	
		RTGS_QueryTaskQueue	RTGS Query Task Queue	
		RTGS_QueryTaskQueueDetail	RTGS Query Task Queue Detail	
		RTGS_QuerySysTime	RTGS Query System Time	
		RTGS_QueryBroadcast	RTGS Query broadcast	
		RTGS_QueryLocRefData	RTGS Query local reference data	
		RTGS_QueryLocPartyCashAccRefData	RTGS Query Local Party Cash Account Reference Data	

		RTGS_QueryListDirectDebit	RTGS Query and List allowed and used amount Direct Debit	
		RTGS_QueryASBatches	RTGS Query AS Batches	
		RTGS_QueryASBatchProLog	RTGS Query AS Batch Processing Log	**New Privilege**
		RTGS_QueryBIC	RTGS Query BIC Data	**New Privilege**
AH RTGS AS Manager 2E/4E		RTGS_QueryListEvents	RTGS Query/List Events	**New Privilege**
	RTGS AS	RTGS_QueryLiqofSuGuTeAcc	RTGS AS Query "Liquidity of sub-account/guarantee/technical account"	**New Privilege**
	RTGS Other	RTGS_DownloadStatAcc	RTGS Download Statement of Account	
	RTGS AS	RTGS_ASProC-SoCEoCycle	RTGS Ancillary System Procedure C – Start/End of Cycle (ReturnGeneralBusinessInformation)	
		RTGS_ASProCS-SoPEoProc	RTGS Ancillary System Procedure C – Start/End of Procedure (ReturnGeneralBusinessInformation)	
		RTGS_LiquiAdjustment	RTGS Liquidity Adjustment (Ancillary System Settlement Procedure D)	
		RTGS_ModifyEoSPeriodASBatch	RTGS Modify End of Settlement period of AS Batch	
		RTGS_RevokeASBatch	RTGS Revoke AS Batch	

AH RTGS Customer CT U2A 4E		RTGS_SendNewASTransIni	RTGS Send new AS Transfer Initiation	
AH RTGS Inter-bank CT U2A 4E	**RTGS Cash Management**	RTGS_InvokeGuarProcess	RTGS Invoke Guarantee Processing	
AH RTGS Liquidity Transfer Manager 4E Always to be assigned in 4E -> also for A2A users		RTGS_SenSettBankTransIni	RTGS Send Settlement Bank Transfer Initiation	
	RTGS Cash Management	RTGS_EnterCustCredTrans	RTGS Enter customer Credit Transfer	**U2A**
AH RTGS Payment Manager 4E Always to be assigned in 4E -> also for A2A users	**RTGS Cash Management**	RTGS_EnterFinInstCredTransfer	RTGS Enter Financial institution credit transfer (except mandated payments)	**U2A**
	RTGS Cash Management	RTGS_IniImLiquiTrans	RTGS Initiate immediate Liquidity Transfer	**camt.050 - A2A & U2A**
		RTGS_IniImLiquiTransSubAcc	RTGS Initiate immediate liquidity transfer to/from sub-account	**A2A & U2A**
	RTGS Cash Management	RTGS_RevPaymentOrder	RTGS Revoke payment Order	**U2A**
		RTGS_ModifyCasTraOrd	RTGS Modify Cash Transfer Order	**U2A**
		RTGS_IniPayReturn	RTGS Initiate Payment	**pacs.004 -**

			Return	**A2A & U2A**
		RTGS_RevRecallCashTrans	RTGS Revoke or Recall Cash Transfer	**camt.056 - A2A**
		RTGS_SendRespRecall	RTGS Send Respond Recall Request as Counterparty	**camt.029 - A2A**
AH RTGS Limit/Reservation Manager 2E/4E		RTGS_SendCustCredTrans	RTGS Send Customer credit transfers (except mandated payments)	**A2A**
		RTGS_SendDirectDebit	RTGS Send Direct Debit	**A2A**
		RTGS_SendFinInstCredTrans	RTGS Send Financial Institution Credit Transfer (except mandated payments)	**A2A**
	RTGS Reference Data Management	RTGS_ModifyCurLimit	RTGS Modify Current Limit	
AH RTGS Backup Payment Manager 4E		RTGS_DeleteCurLimit	RTGS Delete Current Limit	
		RTGS_ModifyCurReservation	RTGS Modify Current Reservation	
		RTGS_DeleteCurReservation	RTGS Delete Current Reservation	
AH Data Warehouse User 2E	**RTGS Cash Management**	RTGS_BackUpPayment	RTGS Enter Back-up Payment	
AH TIPS CMB Set-up Manager 2E/4E		RTGS_EnterExceptFinInstCredTrans	RTGS Enter Exceptional Financial Institution Credit Transfer	**New privilege**
		RTGS_EnterExceptCustCredTrans	RTGS_Enter Exceptional Customer CreditTransfer	**New privilege**
	Data	DWH_NormalUser	Data Warehouse Normal	

	Warehouse		user	
AH Instant Payment Manager 2E	**Cash Account Data Management**	DCA_CreateT2SDedicatedCashAccount	Create Cash Account	**Create TIPS CMB**
AH TIPS Liquidity Manager 2E/4E		DCA_DeleteT2SDedicatedCashAccount	Delete Cash Account	**Delete TIPS CMB**
AH TIPS Party Query 2E		DCA_UpdateT2SDedicatedCashAccount	Update Cash Account	**Update TIPS CMB**
AH TIPS Reachable Party Query 2E	**TIPS Privileges**	TIP_InstantPayment	Instruct Instant Payment	
AH T2S CMB Manager 2E/4E	**TIPS Privileges**	TIP_LiquidityTransfer	Instruct Liquidity Transfer	
	TIPS Privileges	TIP_QueryAll	Query All	
	TIPS Privileges	TIP_QueryReachable	Query as Reachable Party	
AH TIPS CMB Manager 2E/4E	**Cash Account Data Management**	DCA_Create Credit Memorandum balance	Create Credit Memorandum balance	
		DCA_Update Credit Memorandum balance	Update Credit Memorandum balance	
AH CRDM Access 2E		DCA_Delete Credit Memorandum balance	Delete Credit Memorandum balance	
AH ESMIG Access	**TIPS Privileges**	TIP_ModifyCMBBlocking	Modify CMB Blocking Status	

2E		TIP_AdjustCMBLimit	Adjust CMB Limit	
	Other	CRDM_Access	CRDM Access	**Previously in the AH ESMIG Access**
	TIPS Privileges	TIPS_Access	TIPS Access	**Only for GUI access (only to be granted to U2A users)**
	Other	CLM_Access	CLM Access	
		RTGS_Access	RTGS Access	
		DWH_Access	DWH Access	
AH ECONS 2 Manager **4E**		ORT_Access	ORT_Access	
AH ECONS 2 Reader **2E**		Contingency_Access	Contingency Access	
		BDM_Access	BDM Access	
	ECONS 2	ECO_InsertPayment	Insert Payment	
AH MPL Reader **2E**	**ECONS 2**	ECO_QueryBusDayInfo	Query ECONS II Business Day Information	
		ECO_QueryContingencyAccBalance	Query Contingency Account and balance	
		ECO_QueryTaskList	Query Task List	
AH T2S Collateral Manager **2E/4E**	**MPL privileges**	MPL_Query	MPL Query	
		MPL_LookupReachabilityCheck	MPL Lookup and Reachability Check	
		MPL_Maintenance	MPL Proxy-IBAN Mapping Table Maintenance	
	Security Data Management	SDM_CreateAuto-CollEligibilityLink	Create Auto-Collateralisation Eligibility Link	

		SDM_CreateSecuritiesValuation	Create Securities Valuation	
		SDM_DeleteAuto-CollEligibilityLink	Delete Auto-Collateralisation Eligibility Link	
	Security Data Queries	SEQ_Auto-CollEligibilityLinks-Query	Auto-Collateralisation Eligibility Links Query	
		SEQ_SecuritiesValuationsQuery	Securities Valuations Query	