

# TARGET-PT USER TESTING GUIDE

Version 6.0 September 2024



DPG • Payments Systems Department

#### **Version Control**

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Date	Version	Comments
29/11/2021	1.0	First version of the document.
04/04/2022	2.0	The following changes were introduced: - Chapter 1.1: note about the temporary change of the business day schedule; - Chapter 1.3: changes to the certification test cases; - Chapter 1.4: inclusion of the documentation produced by Banco de Portugal; - Chapter 2.2.1: change of the test cases CRDM.U2A.010 - Standing Liquidity Transfer Order for CLM and CRDM.U2A.011 - Standing Liquidity Transfer Order for RTGS; inclusion of the test cases CRDM.U2A.016 – Create DN-BIC Routing and CRDM.U2A.017 – Create Routing; - Chapter 2.4.1: change to the test case: RTGS.U2A.004 - Process payment recall (pacs.004); - Chapter 2.4.2: change to the test case RTGS.A2A.013 - AS Settlement; - Chapter 3: reference to the document with FAQs.
08/08/2022	3.0	The following changes were introduced: - Chapter 1.1: note about the temporary change of the business day schedule was adjusted. - Chapter 1.4: update of the available documentation; - Chapter 2.5: improvement of the test cases description; - Inclusion of Chapter 2.8: interaction with T2S – TARGET2-Securities; - Inclusion of Chapter 2.9: interaction with TIPS - TARGET Instant Payments Settlement.
01/07/2023	4.0	Overall document revesion to adapt it to CLM, RTGS, T2S and TIPS participants.
29/04/2024	5.0	The following changes were introduced: - Chapter 2.2: inclusion of the test case "CRDM.A2A.002 - Receive TIPS Directory"; - Chapter 2.9: modification of the test case "TIPS.U2A.007 – Query instant payment status" and inclusion of the test case "TIPS.A2A.013 – Receive TIPS Statement of Accounts".
16/09/2024	6.0	<ul> <li>The following changes were introduced:</li> <li>Inclusion of information about the test evidences required;</li> <li>Revision of the chapter 1.3;</li> <li>Chapter 2.2: inclusion of the test case "CRDM.U2A.0023 – Manage CMB limit";</li> <li>Chapter 2.9: inclusion of the test cases "TIPS.U2A.008 - Query the details of a Credit Memorandum Balance (CMB)", "TIPS.U2A.009 – Block/Unblock CMB", "TIPS.U2A.010 - Change the CMB limit", "TIPS.A2A.014 – Query the details of a CMB", "TIPS.A2A.015 - Block/Unblock CMB" and "TIPS.A2A.016 – Change the CMB limit".</li> </ul>

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# **1** Introduction

Testing activities are a critical activity for the participants to be technically and operationally prepared for their participation in the desired TARGET Service(s).

To support the new participants in the Portuguese community with the testing activities, Banco de Portugal have created this document, the TARGET-PT User Testing Guide. The guide provides:

(*i*) general information on the user testing, concerning the availability of the test environment, testing reporting, documentation and contacts;

(*ii*) a detailed description of test cases that can be performed in order to get acquainted with the main functionalities of the different services and components. The tests should be performed according to the usage cases envisage for production, and they cover service functionalities for Central Liquidity Management (CLM), Real Time Gross Settlement (RTGS), TARGET2 Securities (T2S) and TARGET Instant Payment Settlement (TIPS). We also created test cases for components that are used across the different TARGET services, namely for Common Reference Data Management (CRDM), Enhanced Contingency Solution II (ECONSII), Business Day Management (BDM), Data Warehouse (DWH).

Among the test cases described, there are test cases that are mandatory in order for the institution to get the User Testing certification, beeing a precondition for the go-live. Test cases that are not mandatory do not have to be done or reported to Banco de Portugal but we highly recommend participants to perform the tests for the funcionaties that will be used in production, in order to ensure the acquaintance with these procedures.

All tests should be perfomed in the TARGET user testing environment (TARGET UTEST).

# **1.1** Availability of the test environment (calendar and schedule)

The TARGET UTEST environment is available between 07:00 and 19:00 CET, from Monday to Friday, except:

- on the TARGET holidays (1<sup>st</sup> January, Good Friday, Easter Monday, 1<sup>st</sup> May, 25<sup>th</sup> December,
   26<sup>th</sup> December);
- on the 24<sup>th</sup> December and 31<sup>st</sup> December.

Further unavailability days will be communicated in advance.

ECONSII is open for testing on Thursdays, between 09h00 and 12:00 CET.

It should be noted that T2S and TIPS testing environments (T2S and TIPS UTEST) were connected to TARGET UTEST just after the 15<sup>th</sup> july 2022. The following schedules are applicable<sup>1</sup>:

Business day stage	From Monday to Thursday*	Friday*		
<b>[RTGS]</b> Start of Real-Time Settlement (RTS) II / Settlement window for interbank and customer payments	06H30	06H30		
[T2S] Delivery-versus-Payment cut-off	14H30	12H30		
[T2S] Auto-collateralization reimbursement	15H00	13H00		
<b>[T2S]</b> Bilaterally Agreed Treasury Management (BATM) and Central Bank Operations (CBO) cut-off	16H10	13H40		
[RTGS] Cut-off for customer payments	15H30	13H45		
[T2S] Inbound liquidity transfers cut-off / Optional Cash sweep	16H15	13H45		
[CLM] Cut-off for CLM RTS [RTGS] Interbank cut-off (Cut-off for RTS II) and execution of Standing Orders after last settlement attempt (RCII/RLSO) [T2S] Free-of-Payment cut-off	16H30	14H00		
[CLM] Start of EoD processing (CEOD) [RTGS] Start of EoD processing (REOD)	16H30	14H00		
[CLM] Cut-off for standing facilities	16H45	14H15		
[RTGS   CLM   T2S   TIPS] Change of business date				
[RTGS   CLM   T2S] Start of Day	17H15	14H45		
[CLM] Start of RTS	17H30	15H00		
[CLM] Execution of standing orders [RTGS] Start of RTGS RTS I and execution of Standing Orders (RESO)	18H00	15H30		
[T2S] Start of Night-time Settlement	18H15	15H45		
[RTGS   CLM   T2S] End of testing	19H00	19H00		

(\*) Note: The business day schedule applicable in each day can be queried in the Business Day Managament (BDM).

# **1.2 Preconditions to start testing**

The following steps have to be concluded before the start of the user testing:

- 1) E-order the network service provider's services for the connection to ESMIG;
- Test the connection to ESMIG, in User-to-Application (U2A) and/or Application-to-Application (A2A) mode, as applicable;

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- 3) Send the registration form for UTEST to Banco de Portugal;
- 4) Validate the configuration performed by Banco de Portugal based on the registration forms.

### **1.3 Reporting of test results and certification**

While the realization of all test cases relevant to the participants (depending on their business cases), allow to understand and get acquainted with the main functionalities of the new TARGET services, the certification test cases defined by the Eurosystem are only a limited subset of the test cases presented in this document. Hence, it is only mandatory to report to Banco de Portugal the test cases listed below<sup>2</sup> (if applicable to the participant business case):

Service	Mandatory test	To be perfomed in mode:	Notes
CRDM	Access Rights Management - Create Certificate DN	U2A	Mandatory for all DCA holders and TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities).
CRDM	Access Rights Management - Create User Certificate DN Link	U2A	Mandatory for all DCA holders TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities).
CRDM	Message Configuration	U2A	Mandatory for DCA holders with an A2A connection.
CRDM	Report configuration	U2A	Mandatory for DCA holders with an A2A connection.
CLM	Query available liquidity	U2A or A2A	Mandatory for all DCA holders.
CLM	Process liquidity transfer order between two MCAs	U2A or A2A	Mandatory for participants with at least two MCAs.
CLM	Send liquidity transfer order	U2A or A2A	Mandatory to all DCA Holders.
CLM	Send liquidity transfer order	U2A or A2A	Mandatory for all DCA holders.
CLM	Verify Credit line increase	U2A or A2A	Mandatory only for MCA holders with a credit line.
CLM	Process a deposit facility	U2A or A2A	Mandatory only for MCA holders with an overnight deposit account.
RTGS	Process customer payment - pacs.008	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Receive customer payment - pacs.008	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Process interbank payment - pacs.009	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Receive interbank payment - pacs.009	U2A or A2A	Mandatory for all RTGS DCA holders.

<sup>2</sup> As far as the TIPS test cases are concerned, the ancillary system cases have not been included, since it is not expected that we will have more ancillary systems in TIPS. However, the test cases can be found in the "TIPS Certification test cases" document.

			Mandatory only if the RTGS DCA holder
RTGS	Process direct debit - pacs.010	A2A	was granted a direct debit
			authorisation.
RTGS	Receive Resolution of investigation - camt.029	A2A	Mandatory for all RTGS DCA holders.
RTGS	Process payment recall - pacs.004	U2A, A2A	Mandatory only if the RTGS DCA holder uses pacs.004.
RTGS	Receive pacs.004 - PaymentReturn	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Send liquidity transfer order	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Receive liquidity transfer order	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	Payment revocation	U2A or A2A	Mandatory for all RTGS DCA holders.
RTGS	AS settlement - procedure A	A2A	Mandatory for ancillary systems using procedure A.
RTGS	AS settlement - procedure B	A2A	Mandatory for ancillary systems using procedure B.
RTGS	AS settlement - procedure C	A2A	Mandatory for ancillary systems using procedure C.
RTGS	AS settlement - procedure D	A2A	Mandatory for ancillary systems using procedure D.
RTGS	AS settlement - procedure E	A2A	Mandatory for ancillary systems using procedure E.
T2S	Access to T2S	U2A	Mandatory for all T2S DCA holders.
T2S	Send liquidity transfer order	U2A or A2A	Mandatory for all T2S DCA holders.
T2S	Receive liquidity transfer order	A2A	Mandatory for all T2S DCA holders.
T2S	Receive T2S Statement of Accounts	A2A	Mandatory for all T2S DCA holders.
TIPS	Access to TIPS	U2A	Mandatory for all TIPS DCA holders.
TIPS	Query avalable liquidity	U2A or A2A	Mandatory for all TIPS DCA holders.
TIPS	Send liquidity transfer order	U2A or A2A	Mandatory for all TIPS account holders.
	Process a liquidity transfer order between a		Mandatory for all TIPS DCA holders,
TIPS	TIPS DCA and an Ancillary System Technical	U2A and A2A	with an active business relationship
	Account		with a TIPS Ancillary System.
TIPS	Receive liquidity transfer order	U2A or A2A	Mandatory for all TIPS DCA holders
TIPS	Send an instant payment	A2A	Mandatory for all TIPS DCA holders and TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities).
TIPS	Send a recall request	A2A	Mandatory for all TIPS DCA holders and TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities).
TIPS	Query an instant payment status	U2A and A2A	Mandatory for all TIPS DCA holders and TIPS DCA holder responsible for

			Reachable Parties (for reachable parties functionalities).
TIPS	Receive an instant payment	A2A	Mandatory for all TIPS DCA holders and TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities).
TIPS	Accept a recall request	A2A	Mandatory for all TIPS DCA holders and TIPS DCA holder responsible for Reachable Parties (for reachable parties functionalities)
TIPS	Block/Unblock CMB	U2A	Mandatory for all TIPS DCA holders responsible for Reachable Parties.
TIPS	Change CMB Limit	U2A and A2A	Mandatory for all TIPS DCA holders responsible for Reachable Parties.

Participants have to report their progress with the mandatory test cases (until all mandatory test cases are performed). Evidence of such test cases should be provided in the relevant sheets of the reporting excel file, to be provided by Banco de Portugal.

If a participant only uses the User-to-Application (U2A) access, i.e, if it only has acess to the TARGET services screens, it only has to perform the test cases applicable in U2A mode. If a participant uses the U2A and the Application-to-Application (A2A) access (i.e., if it receives messages from TARGET and integrates those in an application), it has to perform the test cases applicable in U2A and A2A mode. After validation, Banco de Portugal will confirm successful realisation of the certification test cases.

The reporting of the remaining test cases is optional and no evidence has to be provided. Notwithstanding, if reported, the test cases will be verified and feedback will be provided.

**Note:** Institutions that use a single infrastructure to send messages to accounts in different central banks are exempted from the provision of evidence to all Central Banks. This means that if a participant sends, from one single infrastructure, messages related to an account with Banco de Portugal and messages related to an account with another Central Bank, then it has to choose one of the Central Banks to send the evidences. Once the evidences have been reviewed and the Central Bank choosen has confirmed the success of the tests; the participant has to inform the other Central Bank that it has passed the mandatory test cases.

# 1.4 Relevant documentation

The following documention can be usefull during the execution of the test cases:

Documentation produced by Banco de Portugal:

- Evolução dos Serviços TARGET | Perguntas Frequentes
- Evolução dos Serviços TARGET | User Testing Guide

-Evolução dos Serviços TARGET | Sessões de esclarecimento (tab)

General Eurosystem documentation:

- Terms of reference for user testing
- Mandatory Test Cases for T2 Participants
  - User Detailed Functional Specifications (UDFS) and User Handbooks (UHB)
  - -TARGET Services»T2»For professional use (CLM, RTGS, BDM, BILL, CRDM, DWH, ECONS and ESMIG)
  - -TARGET Services»T2S»For professional use»Technical/functional documents (T2S)

-<u>TARGET Services</u>»TIPS»For professional use»Technical/functional documents (TIPS)

# **1.5 Banco de Portugal's contacts**

Doubts, bugs and testing reports should be sent to target@bportugal.pt.

# 2 Test cases

The test cases described cover functionalities, in User-to-Application (U2A) and/or Application-to-Application (A2A) mode, related to:

- CRDM Common Reference Data Management;
- CLM Central Liquidity Management;
- RTGS Real-Time Gross Settlement (including ancillary systems specific test cases);
- ECONSII Enhanced Contingency Solution II;
- BDM Business Day Management;
- DWH Data Warehouse;
- T2S TARGET2 Securities;
- TIPS TARGET Instant Payment Settlement.

The access to ESMIG - Eurosystem Single Market Infrastructure Gateway has already been tested during the connectivity testing phase.

Only the following test cases are mandatory. The remaining ones are not mandatory but it is recommended to perform them.

# 2.1 Overview of the test case description

The description of the test cases includes the following information:

ID	Code that identifies the test case. It is composed of: - the relevant service (CRDM, RTGS, CLM, ECONS, BDM, DW, T2S, TIPS) - the access mode: U2A or A2A - a sequential number per service
Name	Name of the test case
Applicable to:	<ul> <li>Indication of the type of participants to whom the test is applicable:</li> <li><u>MCA holder</u>: participants with at least one Main Cash Account (MCA) in CLM</li> <li><u>RTGS DCA holder</u>: participants with at least one RTGS DCA (Dedicated Cash account)</li> <li><u>Ancillary system</u>: entities that act as ancillary systems in RTGS</li> <li><u>T2S DCA holder</u>: participants with at least one T2S DCA</li> <li><u>TIPS DCA holder</u>: participants with at least one TIPS DCA</li> <li><u>All participants</u>: all types of participants (i.e. participants with at least one account: MCA, RTGS DCA, T2S DCA or TIPS DCA)</li> </ul>
Pre-conditions	Pre-conditions for the realization of the test case
Test Evidence	Information on the evidences to be provided
Description	Description of the test case, with the different steps to be performed

# 2.2 CRDM - Common Reference Data management

# 2.2.1 User-to-Application (U2A)

#### 2.2.1.1 CRDM.U2A.001 - CRDM Access

ID	CRDM.U2A.001
Name	CRDM access
Applicable to	All participants
Pre-conditions	User should have been granted the role AH CRDM Access
Test Evidence	Printscreen of the CRDM homepage

#### Description:

User should access the ESMIG landing page > select the service "T2" in the services area > Select "CRDM" in the component or application area > select the respective system user reference in the "system user" area > press the Submit button.

		Services List
Choos	e an Ap	plication and your System User Reference
Choose a Service		
		<b>⊠ ©</b> T2
Choose Component or Application		Choose a System User 🔓 Search for user
Business Day Management     ECLM	^	CPTBGALTPLXXXPGU084
🗖 💻 Data Warehouse		
	~	
C RTGS	~	

Once done, the user will be redirected to CRDM.

2.2.1.2	CRDM.U2A.002	<b>Access Rights Management</b>	- Configure U2A user
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ID	CRDM.U2A.002
Name	Creation of an U2A user

Applicable to	All participants		
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH Access Rights Admin</li> <li>Party Administrator</li> <li>AH CRDM Reader (for 4 eyes validation)</li> </ul>		
Test Evidence	Printscreen of the user, certificate DN, certificate DN link and roles assigned to the user		

#### Description:

To create new users and grant them access rights, the party administrator users should perform the following steps:

[Note: for active T2S/TIPS users, only step 4 is needed]

#### Step 1 – Creation of an user

User reaches CRDM screen *Common* >> Access Rights Management >> Users and presses the New button. On the screen displayed, the following fields are of mandatory filling:

- Login Name, to be filled in using the following structure: A (account holder) + PT (ISO code Portugal)

USER NE	W —						
Login Name:	APTBAN	(PTPLXXXUSER1	Name:			USER 1	
System User Reference:	APTBAN	(PTPLXXXUSER1					+ Su
					~	~	5 R
Lockout: 🗆 Lo	ckout From Date:	yyyy-mm-dd		Time:	HH :	MN	
					~	~	( × )

+ Party BIC-11 (e.g. BANKPTPLXXX) +21 characters of free text to identify the user (e.g. USER1). E.g. APTBANKPTPLXXXUSER1

- Name, to be filled in with the user name;

- **System User Reference**, to be filled in using the reference defined in the login name: A (account holder) + PT (ISO code Portugal) +Party BIC-11 (e.g. BANKPTPLXXX) + 21 characters of free text to identify the user (e.g. USER1). E.g. APTBANKPTPLXXXUSER1

- Parent BIC fill in BGALPTTGXXX
- Party BIC fill in with the Party BIC (e.g. BANKPTPLXXX)

Once done, the user should press the Submit button.

If the creation of the user is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 – Create Certificate DN

User reaches CRDM screen *Common* >> *Access Rigths Management* >>*Certificate Distinguised Names* and presses the New button. On the screen displayed, the Certificate Distinguished Name has to be filled in with the user DN made available by the NSP. For U2A users, the DN should be created with the attributes (e.g. "O=") in upper case and values in lower case (e.g. "bankptpl"). The couples of attributes and values should be separated by a comma followed by a space. E.g. CN=user1, OU=esmig, O=bankptpl, O=nsp

2 🛪 🔪 Common 🔪 Ac	ccess Rights Management 💙 Certificate Distinguished Names 💙 + New	ත්
CER	TIFICATE DISTINGUISHED NAME NEW	
Certificate Distinguished Name:	CN=user1, OU=esmig, O=bankptpl, O=nsp	Submit D Reset Cancel

Once done, the user should press the Submit button.

If the creation of the DN is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### <u>Step 3 – Create User Certificate DN Link</u>

User reaches CRDM screen *Common* >> *Access Rigths Management* >> *Certificate Distinguised Name Links* and presses the New button. On the screen displayed, the following fields are of mandatory filling:

- Login Name, to be filled in with the login name of the user previously created;
- Cetificate Distinguished Name, to be filled in with the Certificate DN previously created;
- **Default**, if selected, this login name would be the first one displayed when accessing ESMIG landing page (if multiples users are linked to same DN);
- Main user: flag to enable the user to access TIPS GUI.

2 🕢 🐐 🔪 Common 🔪 Access Right	ts Management 💙 User Certificate Distinguished Name Links 💙 + New	கீ	
USER CERTIFIC	CATE DISTINGUISHED NAME NEW		
Login Name:	APTBANKPTPLXXXUSER1		
Certificate Distinguished Name:	CN=user1, OU=esmig, O=bankptpl, O=nsp		
Default:	Main User:	submit	t
		× Cancel	

Once done, the user should press the Submit button.

If the creation of the User Certificate DN link is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### <u>Step 4 – Grant Role to User</u>

**Note:** Before assigning a role to an user, the role must have already been assigned to the user's party by the respective Central Bank (requested via registration form).

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Grant/Revoke Roles* >> *Grant/Revoke roles*. The user chooses the option *Login Name* and fills in the login name of the user previously created. Once the choice is done, the user presses the Search button.

Access Rights	Management Crant/Revoke Roles Q Search	<b>B</b> 8
GRANT/REV	OKE ROLES	
O Role name	Choose Role	
O Parent BIC:	Choose BIC Party BIC: Choose BIC	
Eogin name	APTBANKPTPLOOUUSER1	
Q.Sea		

Afterwards, a list of the roles already assigned to the user will appear on the right (it should be blank for this new user). On the left, there are the roles assigned to the party that can be granted to the user. The goal is to select the role(s) needed on the left and transfer them to the right (via right arrow option). For more information on the roles, please consult the contents from October's Banco de Portugal's training session via the following link.

~ /	Common	Access Rights Management Crant/Revok	le Roles	Q Search	rant/Revoke	
	GRA					
		Roles			Current Granted Roles	Ť
		Filter				
		AH CRDM Configuration Manager 2E	*	<b>4</b>		
		AH CRDM Configuration Manager 4E				
		AH CRDM Liquidity Manager 2E				
		AH CRDM Liquidity Manager 4E				
		AH CRDM Reader 2E				
		AH Data Warehouse User 2E				
		AH ECONS 2 Manager 4E				
		AH ECONS 2 Reader 2E				
		AH ESMIG Access 2E				
		AH RTGS AS Manager 2E				
		AH RTGS AS Manager 4E				
		AH RTGS Backup Payment Manager 4E				
		AH RTGS Limit/Reservation Mngr 2E				
		AH RTGS Limit/Reservation Mngr 4E				
	_		•			

If the roles are granted following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the

button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.003
Name	Creation of an A2A user
Applicable to	Participants with an A2A connection
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH Access Rights Admin</li> <li>Party Administrator</li> <li>AH CRDM Reader (for 4 eyes validation)</li> </ul>
Test Evidence	Printscreen of the user, certificate DN, certificate DN link and roles assigned to the user

#### 2.2.1.3 CRDM.U2A.003 - Access Rights Management – Configure A2A user

#### Description:

To create A2A users and grant them access rights, the party administrator users should perform the following steps:

[Note: for active T2S/TIPS users, only step 4 is needed]

#### Step 1 – Creation of an A2A user

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Users* and presses the New button. On the screen displayed, the following fields are of mandatory filling:

- Login Name, to be filled in using the following structure: A (account holder) + PT (ISO code Portugal)

+ Party BIC-11 (e.g. BANKPTPLXXX) +21 characters of free text to identify the user (e.g. A2AUSER). E.g. APTBANKPTPLXXXA2AUSER;

- Name, to be filled in with the user name;

- **System User Reference**, to be filled in using the reference defined in the login name: A (account holder) + PT (ISO code Portugal) +Party BIC-11 (e.g. BANKPTPLXXX) + 21 characters of free text to identify the user (e.g. A2AUSER). E.g. APTBANKPTPLXXXA2AUSER;

- Parent BIC - fill in with BGALPTTGXXX;

- Party BIC - fill in with the Party BIC (e.g. BANKPTPLXXX);

USER	NEW					
Login Name:	APTBANKPTPLXXXUSER1	Name:			USER 1	
System User Reference:	APTBANKPTPLXXXIICEP1 APTBANKPTPLXXXA2AUSER				A2A USER	+
				~	~	(5) <sup>N</sup>
Lockout:	Lockout From ( APTBANKPTPLXXXA2AUSER		Time:	HH	MN	
				~	¥	×

Once done, the user should press the Submit button.

If the creation of the user is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### <u>Step 2 – Create Certificate DN</u>

User reaches CRDM screen *Common* >> *Access Rigths Management* >>*Certificate Distinguised Names* and presses the New button. On the screen displayed, the Certificate Distinguished Name has to be filled in with the user DN made available by the NSP. For A2A users, the DN should be created with the attributes (e.g. "O=") in upper case and values in lower case (e.g. "bankptpl"). The couples of attributes and values should only be separated by commas (without spaces). E.g. CN=a2auser,OU=esmig,O=bankptpl,O=nsp.

2 🕢 🛪 🔪 Common 🔪 Acc	cess Rights Management $ig>$ Certificate Distinguished Names $ig>$	+ New	*	
CERT	FIFICATE DISTINGUISHED NAME NEW			-
Certificate Distinguished Name:	CN=user1, OU=esmig, O=bankptpl, O=nsp			U Submit D Reset

Once done, the user should press the Submit button.

If the creation of the DN is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

Note: if the Certificate DN already exists, it will not be necessary to create the Certificate DN. This can be the case for TIPS Participant represented by a Instructing Party.

#### <u>Step 3 – Create User Certificate DN Link</u>

User reaches CRDM screen *Common*>>Access Rigths Management>> Certificate Distinguised Name Links and presses the New button. On the screen displayed, the following fields are of mandatory filling:

- Login Name, to be filled in with login name previously created;
- Certificate Distinguished Name, to be filled in with the Certificate DN previously created;
- **Default**, it should not be selected for A2A users;
- Main user, flag to enable the user to access TIPS in A2A mode.

2 🕢 🌴 🔪 Common 🔪 Access Right	s Management 💙 User Certificate Distinguished Name Links 💙 🕇 New	ත්
USER CERTIFIC	ATE DISTINGUISHED NAME NEW	
Login Name:	APTBANKPTPLXXXUSER1 APTBANKPTPLXXXA2AUSER	
Certificate Distinguished Name:	CN=user1, OU=esmig, O=bankptpl, O=nsp	
Default:	CN=d2duSer, OO=esinig, O=bankpipi, O=is Main User: ⊔	+) Submit
		× Cancel

Once done, the user should press the Submit button.

If the creation of the User Certificate DN link is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, .the previous step has to be correctly repeated.

#### <u>Step 4 – Grant Role to User</u>

**Note:** Before assigning a role to an user, the role must have already been assigned to the user's party by the respective Central Bank (requested via registration form).

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Grant/Revoke Roles* >> *Grant/Revoke roles*. The user chooses the option *Login Name* and fills in the login name of the user previously created. Once the choice is done, the user presses the Search button.

O Role nar	ne	Choose Role	v		
O Parent E	IC:	Choose BIC	Party BIC:	Choose BIC	
Login na	me	APTBANKPTPL00	(USER1	ΔΡΤΒΔΝΚΡΤΡΙ	XXXA2ALISER

Afterwards, a list of the roles already assigned to the user will appear on the right (it should be blank for this new user). On the left, there are the roles assigned to the party that can be granted to the user. The goal is to select the role(s) needed on the left and transfer them to the right (via right arrow option). For more

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information on the roles, please consult the contents from October's Banco de Portugal's training session via the following <u>link</u>.

2 🕢 🛪 🔪 Common 🔪 /	Access Rights Management 💙 Grant/Revoke Ro	les 🔪 Q Search 🔪	f≡ Grant/Revoke	🖻 🔊
GRA				
Use	r APTBAIPPTPLXXXA2AFAKELISER User APTBANKPTPLXXXA2AUSER			
	Roles Filter AH CRDM Configuration Manager 2E AH CRDM Configuration Manager 4E AH CRDM Liquidity Manager 2E AH CRDM Liquidity Manager 4E AH CRDM Reader 2E AH Data Warehouse User 2E AH Data Warehouse User 2E AH ECONS 2 Manager 4E AH ECONS 2 Reader 2E AH ESMIG Access 2E AH RTGS AS Manager 4E AH RTGS AS Manager 4E AH RTGS Backup Payment Manager 4E AH RTGS Limit/Reservation Mngr 2E AH RTGS Limit/Reservation Mngr 4E	¢	Current Granted	Roles T

If the roles are granted following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

-				
ID	CRDM.U2A.004			
Name	Deletion of an user			
Applicable to	All participants			
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH Access Rights Admin</li> <li>Party Administrator</li> <li>AH CRDM Reader (for 4 eyes validation)</li> </ul>			
Test Evidence	Printscreen of the delete user, delete certificate DN and delete certificate DN link			

#### 2.2.1.4 CRDM.U2A.004 - Access Rights Management – Delete user

#### **Description:**

#### <u>Step 1 – Revoke Role</u>

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Grant/Revoke Roles* >> *Grant/Revoke roles*. The user chooses the option Login Name and fills in the login name of the user do be deleted.

Once the choice is done, the user will presses the button Search.

2 👁 🌴 🔪 Common 🔪 Access Righ	ts Management > Grant/Revoke Roles > Q Search		B 🔊
GRANT/RE	VOKE ROLES		
O Role name	Choose Role 🗸		
O Parent BIC:	Choose BIC Party BIC:	Choose BIC	
Eogin name	APTBANKPTPLOOKUSER1		
Q Sea			

Afterwards, a list of the roles already assigned to the user will appear on the right. The goal is to select all the roles on the right and transfer them to the left (via left arrow option).

GRANT/REVOKE ROLES		
User APTBANKPTPLXXXUSER1		
Roles		Current Granted Roles
Filter		Filter
<del>(</del>	1	AH Access Rights Admin 2E
	2	AH CLM Manager 2E
	1	AH CLM Reader 2E
	1	AH CRDM AMG Manager 2E
	1	AH CRDM Access 2E
No Powe To Show	1	AH CRDM Configuration Manager 2E
No Rona to Show	1	AH CRDM Liquidity Manager 2E
	1	AH CRDM Reader 2E
	1	AH Data Warehouse User 2E
	2	AH ECONS 2 Reader 2E
		AH ESMIG Access 2E
	2	AH RTGS AS Manager 2E
	2	AH RTGS Limit/Reservation Mngr 2E
		AH RTGS Reader 2E

If the revocation of roles is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 – Delete User Certificate DN Link

User reaches CRDM screen *Common* >> *Access Rigths Management* >> *Certificate Distinguised Name Links* and presses the Search button. Once on the search screen, the user should fill in the Login Name of the user to be deleted and press the button Search.

tus:	Active	~				
in Name:	APTBANKPTPLXXXU	SER1 Certificate Distinguished Name:				
Q Search × Reset				+ New		
tatus 🛛 🗮 Login Name	e 🗧 Certificate Di	stinguished Name	■ Default	■ Main Use		
ctive APTBANK	PTPLXXXUSER1 CN=user1, 0	U=esmig, O=bankptpl, O=nsp	Yes	Yes		
					$\bigcirc$	
					$\bigcirc$	
						Edit
					N	Delete
					-X	
					$\odot$	Restore
						Revision

Afterwards the user should select the User Certificate DN link displayed, and choose the option delete.

If the deletion of the User Certificate DN link is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 3 – Delete Certificate DN (just if the DN is not used for any other user)

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Certificate Distinguished Name Links* and presses the Search button. Once on the Search screen, the user should search for the Certificate DN to be deleted (hint: the use of wildcards like \*user1\* can ease the process of finding de DN).

CERTIFI	CATE DISTINGUISHED I	NAME				
itus:	Active	<ul> <li>Certificate Distinguished Name:</li> </ul>	*user1*			
Q Search × Reset				+ New		
Status	E	Certificate Distinguished Name		Ξ.		
Active		CN=user1, OU=esmig, O=bankptpl, O=nsp				
					$\bigcirc$	
					U	
						Delete
						Destant
					$\bigcirc$	Restore
						Revisions

Afterwards the user should select the Certificate DN, and choose the option delete.

If the deletion of the DN is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 4 – Delete user

User reaches CRDM screen *Common* >> *Access Rights Management* >> *Users* and presses the Search button. Once on the Search screen, the user should search for the Login Name of the user to be deleted.

USER LIST -					
Status:	Active	~			
Login Name:	APTBANKPTPLXXUSER1		Name:		
System User Reference:			Lockout:	All	,
Parent BIC:	Choose BIC		Party BIC:	Choose BIC	
Party Type:	All	~			

Afterwards the user details will be displayed, and the user should choose the option delete.

2 🔊 希 🔪 Common 🔪 Act	cess Rights Management 💙 Users 💙 Q Se	arch 💙 @ Details	<u></u>		
	DETAILS				
Status:	Active	Login Name:	APTBANKPTPLXXXUSER1		
Name:	USER 1	System User Reference:	APTBANKPTPLXXXUSER1		
Lockout From:		Lockout:	No	Ø	Edit
Parent BIC:	BGALPTTGXXX	Party BIC:	BANKPTPLXXX		Delete
Party Type:	Payment Bank	Party Short Name:	BANK		Restore
					Revisions
				8	User Certificate Distinguished Name Links

If the deletion of the user is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

2.2.1.5	CRDM.U2A.	005 -	Message	Configuration
---------	-----------	-------	---------	---------------

ID	CRDM.U2A.005	
Name	Message Configuration	
Applicable to	Participants with an A2A connection	
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>	
Test Evidence	Printscreen of the message subscription rule set	

#### Description:

To configure messages, the user should create a message subscription rule set and define the subscription rules for each message type inside the message subscription rule set.

#### Step 1 – Create a message subscription Rule Set

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Message Subscription Rule Set* and presses the button New. On the screen displayed, the following fields are of mandatory filling:

- Rule Set ID fill in with the identification of the rule set (e.g. CLM -A2A Message set);
- Description Rule Set ID fill in with a description for the rule set (e.g. CLM A2A Message set);

- **Service** – select the service for this rule set (parties should have one rule set for each service that needs message subscription). For testing it is recommended to select CLM Component, RTGS Component, TIPS or T2S;

- Valid From select/fill in with a date;
- Positive/Negative Parameter set select Positive;
- Creator Parent BIC fill in with BGALPTTGXXX;
- Creator Party BIC fill in with the Party BIC;

- Interested Parties – fill in Parent BIC with BGALPTTGXXX (or the BIC of another Central bank), fill in with the interested Party BIC and use "+" button to submit the interested party information.

MESSAGE SUBS	SCRIPTION RULE SET NEW	_			-	
Name:	CLM - A2A Message set		Description:	CLM - A2A Message set	$\frown$	
	the receiption				(≡)	
Service:	T2 CLM COMPONENT	~				
					Supu	
Valid From:	2021-10-12	0	Valid To:	yyyy-mm-dd 🛍 O	Rese	e
Positive/Negative parameter set:	Positive	~			× Canc	el
Creator Parent BIC:	DGAL DTTGYYY		Creator Party BIC:	BRACOTRI VVV	-	
	BUALPHILANA		erealor rangemen	BRASETECAA		
Interested Parties						
Parent BIC: Cho	ose BIC Party	BIC:	Choose BIC	Q Party		
				× + 🔀		
Darged BIC			Daular DIC	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Parent Dig BGAL PTTGYYY		=	BANKOTDI XXX	=		
DORFTTORA			Denter II Doo			
Total rows: 1						

Once done, the user presses the Submit button.

If the action is done following the four-eyes principle, the second user shall go to screen *Common>>Services>>Data Changes*, select the option "Awaiting Approval" on the status field, use the button Search, choose the relevant change and press the button Details. After validating the information, the second user approves or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 – Creation of a Message subscription rule

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Message Subscription Rule Set* and, after filling in the Name of the previously created Rule Set, uses the Search Option. Once the search output is visible, the user selects the rule set and the respective Details.

On the Details screen, the user will choose the option +Add rule.

MESS	SAGE SUBSCRIPTION RULE SET I	ETAILS				
tus:	Active		Service:	T2 CLM COMPONENT		
e Set Id:	300210560		Name:	CLM - AZA Message set		
scription:	CLM – AZA Messag	set	Positive/Negative parameter set:	Positive		
id From:	2021 10 12		Valid To:	9999-12-31	_	
ator Parent BIC:	BGALPTTGXXX		Creator Party BIC:	BANKPTPLOOK	(=)	
						Edit
Interested Parties					Ő	Delete
Parent BIC			≣ Party BIC			Restore
BGALPTTGXXX			BANKPTPLOOK			
						Revisions
fotal rows: 1						
Rules						
Status:	Active	~				
Status II Seq. II	E Rule E Valid From E Valid To	Rule Boolean Express	ion .			
Active 1	300286587 2021-06-09 00:00 9999-12	31 00:00 (Message Type = pac	s.002) as 1			
Focal rows: 1				4 8		
				× ш	<u> </u>	
				Revisions +Add	tule	

Afterwards the user will be guided to the new subscription rule, and it should fill in the following mandatory fields:

- Sequence # fill in with an incremental number to order the rules (e.g. 1);
- Valid From select/fill in (it should be equal to or greater than the date for the rule set);

MESSAG	SE SUBSCRIPTION RULE NEW			
Service:	T2 CLM COMPONENT			
Rule Set Id:	300210560	Name:	CLM -Message set AZA	
Rule Set Valid From:	2021 10 12	Rule Set Valid To:	9999-12-31	
Sequence #:	1			
Valid From:	2021-10-12	Valid To:	yyyy-mm-dd	B O Submit
Boolean Expression:	() as 1			🗩 Reset
				Cancel
		Predicates		
	A Rule must contain at least a Message Type, a Cash Account, a Business Case	Code, a Underlying Message Type		
	&Group 1 Predicates mandatory			
	ANO ANO			
			+ Add Group	
		OR		

and select the +Add Group button. After that it is possible to edit the group name (**hint**: use an incremental number to order the groups). The user should select the "+" button to add the predicates/conditions of the subscription:

Note: Mandatory fields marked as (M), Optional as (O) and Conditional as (C).

- Message Type (M) - select the message to be subscribed (e.g. pacs.002 or camt.054);

- **Cash Account (O)** – select if the message is to be subscribed for a specific cash account (and not all the accounts under the party);

- Business Case Code (O/C) – select if the message is to be subscribed for a specific business case (only possible for camt.054);

- Underlying Message Type (O/C) – select if the participant only needs to receive a pacs.002 to update the status of a specific underlying message. Options available are pacs.004, pacs.008, pacs.009 and pacs.010;

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Once done, the user presses the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

2.2.1.6	CRDM.U2A.006 - Report Configuration - RTGS directory

ID	CRDM.U2A.006
Name	Report configuration for the RTGS directory
Applicable to	RTGS DCA holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

#### Description:

Step 1 below describe the actions to be undertaken by the users to create a report configuration for the RTGS directory delivery in push mode. Additionally, steps 2 and 3 describe the actions to be performed for update the report configuration and query it.

#### Step 1 - Creation of the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list and select the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in with BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- **Configuration Name** fill in with an identification for the report configuration (e.g. RTGS Directory Config - BANKPTPLXXX);
- **Configuration Description** fill in with a description for the report configuration (e.g. RTGS Directory Config – BANKPTPLXXX);
- Service select T2 RTGS Component;

- Report Name select RTGS Directory;
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

Fill in/select Valid From date;

and use "+" button to submit the party links information.

REPORT CONFIGURA				
	ATION NEW			
mer Parent BIC	BGALPTTGXXX	Owner Party BIC	BANKPTPLOOX	
ih Account Number:	Choose			
figuration Name:	RTGS Directory Config - BANKPTPLOOK	Configuration Description:	RTGS Directory Config - BANKPTPLOOK	
ice:	T2 RTGS COMPONENT	Report Name:	RTGS Directory	× 10
puency:	~	Delta Mode:		0 K3
em Entity Wide Reporting Flag:				•
Party Links				
pting Parent BIC	BGALPTTQUOX	Opting Party BIC:	BANKPTPLICOX	
chaduled Time:		Push Mode:		
инт: Туре:	Choose	Currency:	×	
alid Prom:	2021-10-26 8 0	Valid To:	yyy-mm-dd 📓 O	
			× +	
Opting Parent BIC E Opting Party BIC	Push Mode     E     Schwidded Tene	Event Type E Ourrency	E Valid From E Valid To E	

Once done, the user selects the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 - Update the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list, selects the Service T2 RTGS Component and the report name RTGS Directory.

20 🕷 🔪 Common 🔪	Messages and Reports X Report Configurations X Q	Search		ීත්		
REPORT CONFIG	GURATION LIST					
Status:	AI	~	Configuration Name:			
Service:	T2 RTGS COMPONENT	~	Report Name:	RTGS Directory	¥	
Event Type:			Currency:	Choose	*	
Delta Mode:	Al	~	System entity wide reporting flag:	IA	¥	
Frequency:	All	~				
Owner Parent BIC:	Choose BIC		Owner Party BIC:	Choose BIC		
Cash Account Number:						
Q, Singh X Reset					+ New	

Afterwards, the user will be guided to the report configuration details screen, where all the details of the RTGS directory configuration can be checked.

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MS:	Active		Servi	De:		T2 RTGS COMPONENT			
ner Parent BIC:	BGALPTTGXXX		Owne	ir Party BIC:		BANKPTPLICK			
ner Party Short Name:	BANK		Repo	rt Name:		RTGS Directory			
figuration Name:	RTGS Directory Cr	entig - BANKPTPLOOK	Confi	guration Description:		RTGS Directory Config-1	BANKPTPLOOK		
a Mode:	No		Syste	m entity wide reporting flag		No			Edi
h Account Number:								ŏ	Del
Report Configuration Party Links									Res
Parent BIC E Party BIC	Party Short Name	E Push Mode	Scheduled Time	Event Type Code	E Currency	Valid From	E Valid To		Res
BGALPTTGXXX BANKPTPL	XXX BANK	Yes				2021-10-28	\$999-12-31	-	

To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the *Valid to* field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user should select the Submit button.

2 @ 🕷 🔪 Common 🔪 Messages and	Reports 🔪 Report Configurations 🔪 Q Search 🔪 @ Deta	n 🔰 🗊 fele	ීන්		
REPORT CONFIGURATIO	N UPDATE				
Owner Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BAVE/PTPLXXX		
Cash Account Number:	Choose				
Configuration Name:	RTGS Directory Config - SANKPTPLOOK	Configuration Description:	RTGB Directory Config - BANKPTPL30X		
Service:	T2 RTGS COMPONENT	Report Name:	RTQS Directory	ŏ	Submit
Frequency:	v	Delta Mode:		0	Reset
System Entity Wide Reporting Flag:				õ	Cancel
Party Links					
Opting Parent BIC:	BGALFTTGXXX	Opting Party BIC:	BANKPTPLXXX		
Scheduled Time:	HH ML O	Push Mode:	•		
Event Type:	Choose V	Currency:	~		
Valid From:	2021-10-26	Valid To:	2021-10-28		
			× + 🖓		
Opting Parent BIC E Opting Party BIC E BGALPTTGIOX BANKPTPLOOX	Push Mode E Scheduled Time E Yes	Event Type   Currency  E	Valid From E Valid To E 2021-10-20		
Total rows: 1			<b>~</b> <u>\</u> <b>=</b>		

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 3 - Query RTGS Directory configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list*, selects the Service T2 RTGS Component and the report name RTGS Directory.

2 (a) A Comm	ion A Messages and Reports A Report Configurations A Q		ීන්		
REPORT CO	NFIGURATION LIST				
Status:	AL	✓ Configuration I	Name:		
Service:	T2 RTGS COMPONENT	V Report Name:		RTGS Directory	
Event Type:		Currency:		Choose	~
Delta Mode:	AL	System entity	wide reporting flag:	Al	~
Frequency:	At	~			
Owner Parent BIC:	Choose BIC	Owner Party B	ic.	Choose BIC	

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Afterwards, the user will be guided to the report configuration details screen, where all the details of the RTGS directory configuration can be checked.



#### 2.2.1.7 CRDM.U2A.007 - Report Configuration - TIPS directory

ID	CRDM.U2A.007
Name	Report configuration for the TIPS directory
Applicable to	TIPS Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

#### Description:

Step 1 below describe the actions to be undertaken by the users to create a report configuration for the TIPS directory delivery in push mode. Additionally, steps 2 and 3 describe the actions to be performed for update the report configuration and query it.

#### Step 1 - Creation of the report configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list* and select the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in with BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- Configuration Name fill in with an identification for the report configuration (e.g.
- TIPS Directory BANKPTPLXXX);
- **Configuration Description** fill in with a description for the report configuration (e.g.
- TIPS Directory BANKPTPLXXX);
- Service select TIPS SERVICE;
- Report Name select TIPS Directory;
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

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#### Fill in/select Valid From date;

Common
Manager and Report

Centrest

Cash Account Number:

Configuration Name:

Description:

Configuration Name:

Documer Parent BC:

Description:

Documer:

Documer:

Documer:

Documer:

Documer:

Documer:

Documer:

Documer:

Pargunor:

Documer:

Pargunor:<

and use "+" button to submit the party links information.

#### Once done, the user selects the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 - Update the report configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list*, selects the Service TIPS SERVICE and the report name TIPS Directory.

itatus:	Active	~	Configuration Name:		
iervice:	TIPS SERVICE	~	Report Name:	TIPS Directory	~
vent Type:			Currency:	Choose	~
ielta Mode:	All	~	System entity wide reporting flag:	All	~
requency:	All	*			
lwner Parent BIC:	Choose BIC		Owner Party BIC:	Choose BIC	
owner Parent DL.	Choose BIC		Owner Party Bic.	Choose Bic	

Afterwards, the user will be guided to the report configuration details screen, where all the details of the TIPS directory configuration can be checked.

REPORT CONFIGURATION DETAILS       Status:     Acive     Service:     TPS SERVCE       Ower Party Sinc:     BCALSTTGXX     Ower Party Sinc:     BAIKCTPLXXX       Ower Party Sinc:     BAIKX     Report Name:     TPS Directory UNACCTPLXXX     IPS Directory UNACCTPLXXX       Ower Service:     No     System entity worke reporting Reg:     No     Image: Service:		
tatus:     Acive     Service:     TPS SERVCE       www.r Parers BIC:     B6AUSTEDDOX     Dwwer Parers BIC:     BANK TPLDOX       www.r Parers Short Name:     BANK     Raport Name:     TPS Directory     B       andiguration Name:     TPS Directory BANKSTPLDOX     Candiguration Description:     TPS Directory - BANKSTPLDOX     B       bits Mode:     No     System entity wide reporting flag:     No     Image: Condiguration Parery Linus     Image: Condiguration Parery Linus	REPORT CONFIGURATION DETAILS	
Demand Parent BIC:         BGALSTFGDXX         Owner Pary BIC.         BANK PTP/DDXX           Wmer Pary Short Name:         INK         Report Name:         TIPS Directory         IIPS	IX Active Service: TIPS SERVICE	
Name:         DALK         Report Name:         TIPS Directory         Directory <thdirectory< th="">         Directory         <thdirectory< th=""> <thdirectory< th="">         Di</thdirectory<></thdirectory<></thdirectory<>	ir Parent BLC. BANKPTPLUCK BANKPTPLUCK	
enfiguration Name: TIPS Directory GAN(C)TPLOCX Cenfiguration Description: TIPS Directory - BANKETPLOCX (7) eta Mede: No System entity wide reporting flag: No	rr Party Short Name: BANK Report Name: TIP5 Directory	
Report Configuration Party Links	guration Name: TJPS Directory & ALICYTPLLCCC Configuration Description: TJPS Directory - BAINEPTPLLCCC ()	Idit
Report Configuration Party Links	Made: No System entity wide reporting flag: No	Delete
	Report Configuration Party Links	lestore
Parent BIC 🚊 Party BIC 🚊 Party Short Name 🚍 Push Mode 🚊 Scheduled Time 🗮 Event Type Code 🚊 Currency 🗮 Valid From 🗮 Valid To 🚍 🔛	kareat BIC = Party BIC = Party Short Name = Parth Mode = Scheduled Time = Event Type Code = Currency = Valid Trom = Valid Tro	tevisions
BGALPTTGXXX BANK/PTPLXXX BANK Yes 08-05-2023 9999-12-31	3GALPTTGXXX BANKYPTDXXX BANK	

To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the *Valid to* field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user should select the Submit button.

	sages and Reports	Q, Search 🔰 🏵 Details 🔪 🗭 Edit	5 B
REPORT CONFIG			
wner Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BCOMPTPLXX
sh Account Number			
nfiguration Name:	TIPS Directory-RANKPTPLXXX	Configuration Description:	TIPS Directory - BANKPTPI XXX
rvice:	TIPS SERVICE	Report Name:	TIPS Directory
equency:	Choose	V Delta Mode:	
rem Entity wide Reporting Flag: Party Links			
Opting Parent BIC:	BGALPTTGXXX	Opting Party BIC:	BCOMPTPLXXX
Scheduled Time:	HH : MA	Push Mode:	
Event Type:	Choose	✓ Currency:	~
Valid From:	2020-10-13	Valid To:	2023-05-08
			× +V×
Opting Parent BIC	E Push Mode     E Schedul	ed Time 🗮 Event Type 🗮 Currency	E Valid From      E Valid To      E
BGALPTTGXXX BANKPIPLXXX	Yes	ev nance <u> </u>	2020-10-13 9999-12-31

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 3 - Query RTGS Directory configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list*, selects the Service TIPS SERVICE and the report name TIPS Directory.

KEPOKI CO	INFIGURATION LIST				
Status:	Active	~	Configuration Name:		
Service:	TIPS SERVICE	~	Report Name:	TIPS Directory	~
Event Type:			Currency:	Choose	~
Delta Mode:	All	~	System entity wide reporting flag:	AS	~
Frequency:	All	*			
Owner Parent BIC:	Choose BIC		Owner Party BIC:	Choose BIC	
Cash Account Number:					

Afterwards, the user will be guided to the report configuration details screen, where all the details of the RTGS directory configuration can be checked.

Common	Messages and Reports Report Configurations Q	iearch 🔪 👁 Details	B 🔊	
REPORT CO	NFIGURATION DETAILS			
tus:	Active	Service:	TIPS SERVICE	
mer Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BANKPTPLXXX	
mer Party Short Name:	BANK	Report Name:	TIPS Directory	(11)
nfiguration Name:	TIPS Directory -BANKPTPLXXX	Configuration Description:	TIPS Directory - BANKPTPLXXX	Edit
lta Mode:	No	System entity wide reporting flag:	No	Delete
Report Configuration Party Links				Restore
Parent BIC	E Party Short Name      E Push Mode	≡ Scheduled Time      ≡ Event Type Code      ≡ Currency	= Valid From = Valid To =	Revisions
BGALPTTGXXX BANKPTPLXXX	K BANK Yes		:08-05-2023 9999-12-31	
Total rows: 1				

#### 2.2.1.8 CRDM.U2A.008 - Report Configuration – CLM Statement of accounts

ID	CRDM.U2A.008
Name	Report configuration for CLM statement of accounts
Applicable to	MCA holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

#### Description:

Step 1 below describes the actions to be undertaken by the users to create a report configuration for the CLM statement of accounts delivery in push mode (full version). Additionally, step 2 describe the actions to be performed for update the report configuration.

#### Step 1 - Creation of the report configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list* and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** – fill in BGALPTTGXXX;

- **Owner Party BIC** fill in with the Party BIC;
- Configuration Name fill in with an identification for the report configuration (e.g. CLM Statement of Accounts – BANKPTPLXXX);
- **Configuration Description** fill in with a description for the report configuration (e.g. CLM Statement of Accounts BANKPTPLXXX);
- Service select T2 CLM Component
- Report Name select CLM Statement of Accounts;
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

Fill in/select Valid From date;

and use "+" button to submit the party links information.

REPORT CONFIGURATION NEW       www.faueti Bit.     \$8401710.00:       and wound bitative:     Owne       and wound bitative:     Call Severe if Alones - Shi007110.00:       and wound bitative:     Call Severe if Alones - Shi007110.00:       erece:     17 Call Severe if Alones - Shi007110.00:       parts Name:     Parts Name:	PEPORT CONFIGURATION NEW         Image: Second Configuration News         Image: Second	2 @ R Common	Messages and Reports Aleport Configurations Q Search +	New	<b>.</b>	
ere Fores EC: SAUTTOON Over-Forg EC: SAUTTOON	ere Fare EC: 8 Assure Number: regeneration Nume: regeneration	REPORT CONFIG	GURATION NEW			-
ah Asawe Manke: Angle Sake Maneers in Alexanows - 6000/0711/000 C C C C C C C C C C C C C C C C C C	n Acazer Indeke:	viter Parent BIC	BGALPTTGOOX	Owner Party BIC:	BANKOTIPLXXX	
And Section Names:     Exit Summers: 4 Stratumers: 5 Stratum	ndge state haves. Nex: The CLAS CONTINUE: - Department of Assures - SANOTTINUE: Nex: The CLAS CONTINUE: - Department of Assures - SANOTTINUE: The CLASS CONTINUE: - Department of Assures - SANOTTINUE: The CLASS CONTINUE: - Department of Assures - SANOTTINUE: The CLASS CONTINUE: - Department of Assures - SANOTTINUE: - Department of Assures - SANOTTINUE: The CLASS CONTINUE: - Department of Assures - Department of	th Account Number:	Choose			
NEX     TELM CONFORM     Appen Name     Cal datarest of Annual       party     Image Name     Cal datarest of Annual     Image Name       party Name     Image Name     Cal datarest of Annual     Image Name       Party Name     Image Name     Image Name     Image Name       Party Name     Image Name     Image Name     Image Name       Party Name     Image Name     Image Name     Image Name       Image	nex	diguration Name:	CLM Summers of Accounts - SAN(0777L000)	Configuration Description:	CLM Statement of Accounts - BANKPTPLOOK	
pergri van Kong Wak Rapertog Rag.	percer: and former Wind Neuering Page Ange prever. HD	vice:	TE CLM COMPONENT	Report Name:	CLM Statement of Accounts	Subr
een foory Work Appening App Party Deal party Deal Deal Type: Deal Type: D	en fory Web Raysong Pag Pang Data paging Panel BC B BAUHTSDOX C Gran gang BC BAUHTSDOX C GRAN	dneuch.		V Delta Mode:		D Rese
Perg Deal Spleng Prives BIC Bolu/175000 Goring Pany BIG Bolu/1750000 Deal Spleng Pany BIG Bolu/1750000 Deal Spleng Pany BIG Bolu/1750000 Deal Spleng Pany BIG Bolu Pan	Party Drist       Openg Prever BIC       Databata Tore:       Image: Strate Strate       Image: Strate Strate Strate       Image: Strate Strate Strate       Image: Strate Strate Strate Strate Strate       Image: Strate Strate Strate Strate Strate Strate       Image: Strate Stra	stem Entity Wide Reporting Flag:				Canc
gene free BC BAUSTITION Gene free BUISTITION Gene free BAUSTITION	gereg Averst BC BAUHTEDOX Opera Avery BC BAUHTEDOX downlawser Tree: been Type: Control of the second operation operat	Party Linka				-
blandhall Time A A Pack Made g W V V V Correspondence V heret Type: Doster. V Correspondence V Allet Type: Doster. V Correspondence V Allet Type: V V V V V V V V V V V V V V V V V V V	blaubdar Trime: herer Type: Desere.	Opting Parent BIC:	BGALPTTGIOX	Opting Party BIC:	BANKPTPLOOX	
Descent         Consert         V           Ability form         222-4526         III         O         Valid Tail         222-4526         III         O	teen Type: Convex. Con	Scheduled Time:	10 0 0	Push Mode		
Water Form:         222-0-5.3         B         O         Valid The         Type model         H         O           x         +         -          -         -	And France: 2221-6-53 B O Valid Te 2221-6-53	Event Type:	Diose_	V Currency:	v	
x +	Ophing Parent RIC II: Ophing Parky RIC II: Published II: Scheduld Tave II: Emer Type II: Openiny II: Velifiner II: Velifine II: Velifin	Valid From:	2021-10-26 🗰	O Valid To:	yyy-mm-dd 📓 O	
	Generg Sweet Rick II: Generg Sweet Rick II: Generative II: Generat				× +	
Opting Parent BIC 🗉 Opting Parent BIC 🗉 Parih Mode 🗉 Scheduled Time 🗉 Event Type 📰 Ourseevy 📰 Valid From 📰 Valid Te 📰 K	BOAUPTOXX BANKFTPLOX INS 2021-50-35	Opting Parent BIC 🔠 Opting Party E	IC II Push Mode II Scheduled Time	E Event Type E Currency	II Valid From II Valid To II	5
BOALPTICXX BANKPTPLOCK YIS 2021-10-26		BGALPTTGXXX BANKPTPLX	XX Yes		2021-10-26	
		Total rows: 1			/ 1	

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 - Update the report configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list*, select the Service T2 CLM Component and the report name CLM Statement of Accounts.

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2 @ 🕷 🔪 Common 🔪 Messages a	Ind Reports Report Configurations Q. Search		ීත්
REPORT CONFIGURATIO	DN LIST		
Status:	Al	Configuration Name:	
Service:	T2 CLM COMPONENT	Report Name:	CLM Statement of Accounts - BANK/PTPLCOCK
Event Type:		Currency:	Choose 🗸
Delta Mode:	AI	<ul> <li>System entity wide reporting flag;</li> </ul>	All
Frequency:	Al	~	
Owner Parent BIC:	Choose BIC	Owner Party BIC:	Choose BIC
Cash Account Number:			
Q.S. Reset			+ New

Afterwards, the user will be guided to the report configuration details screen, where all the details of the CLM statement of accounts configuration can be checked.

2 🖉 🕷 🔪 Comm	m Messages and Reports 7	leport Configurations	Search @ Details				S		
REPORT COL	FIGURATION DETAIL	s ———							
tus:	Active		5e	vice:		CLM Component			
ner Parent BIC:	BGALPTTGIOX		01	mer Party BIC:		BANKPTPLXXX			
ner Party Short Name:	BANK		Re	port Name:		CLM Statement of Account	nta		
figuration Name:	CLM Statement	of Accounts - BANKPTPLICCK	Co	nfiguration Description:		CLM Statement of Account	nia - BANKPTPLJOOC		
ta Mode:	No		Sy	item entity wide reporting flag:		No			Edi
h Account Number:								<u> </u>	Del
Report Configuration Party Links									Re
Parent BIC E Party BIC	Party Short Name	E Push Mode	E Scheduled Time	Event Type Code	E Currency	Valid From	Valid To	i Ó	Rei
BGALPTTGXXX BANKPTPL	COX BANK	Yes				2021-10-25	899-12-31	-	
local rows: 1									

To update the report, the user should select the option edit. Afterwards the user will have the possibility to change only the Valid to field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user should select the Submit button.

REPORT CONFIGURATION	ON UPDATE			_	
Owner Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BANKETTPLOOK		
Cash Account Number:	Choose				
Configuration Name:	CLM Statement of Accounts - BANKPTPLXXX	Configuration Description:	CLM Statement of Accounts - BANKPTPLXXX		
Service:	T2 CLM COMPONENT	Report Name:	CLM Statement of Accounts		Submit
Frequency:	v	Delta Mode:		5 VS	Reset
System Entity Wide Reporting Flag:				×	Cancel
Party Units					
Opting Parent BIC:	Choose BIC	Opting Party BIC:	Choose BIC		
Scheduled Time:	нн : М. О	Push Mode:			
Event Type:	Choose	Currency:	~		
Valid From:	yyyy-mm-dd 🗃 O	Valid To:	yyyy-mm-dd 🗃 O		
			× +1		
Opting Parent BIC   Opting Parent BIC	Push Mode 🗉 Scheduled Time 🗉	Event Type   Currency	Valid From    Valid To		
BGALPTTGJOOX BANKPTPLXXX	Yes		2021-10-28 2021-10-28		
Total rova: 1					

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.009
Name	Report configuration for a RTGS statement of accounts
Applicable to	RTGS DCA holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

#### 2.2.1.9 CRDM.U2A.009 - Report Configuration – RTGS Statement of accounts

#### Description:

Step 1 below describes the actions to be undertaken by the users to create a report configuration for the RTGS statement of accounts delivery in push mode (full version). Additionally, step 2 describe the actions to be performed for update the report configuration.

#### Step 1 - Creation of the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- Configuration Name fill in with an identification for the report configuration (e.g. RTGS Statement of Accounts – BANKPTPLXXX);
- Configuration Description fill in with a description for the report configuration (e.g. RTGS Statement of Accounts – BANKPTPLXXX);
- Service select T2 RTGS Component;
- Report Name select RTGS Statement of Accounts;
- **Party Links** Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

Fill in/select Valid From date;

and use "+" button to submit the party links information.

					Choose	Account Number:
0	arts - BANKPTPLOOK	CLM Steement of Accounts -	figuration Description	MANOTTE XXX	Call Summer of Arment - A	iguration Name:
		CIM Deterrate of Accounts	ort Name:	~	TO CAN CONFORM	*
S.		D	a Mode:	~		ency:
						m Entity Wide Reporting Flag:
						Party Linia
		BANKPTPLXXX	ing Party BIC:		BGALPTTGXXX	ting Parent BIC:
		8	h Made			eduled Time:
	÷		rency:	~	Choose	ent Type:
		yyyy-mm-dd	d To:	a o	2021-10-26	id From:
	× +					
	Valid To E	E Valid From E Val	nt Type 📰 Currency	Scheduled Time II	BIC E Punh Mode E	Opling Parent BIC 🔠 Opling Par
		2821-10-20			IOX 165	BALPTIGADA BANKPTP
	Valia To	yyyy mm-dd 2021-10-26	nory: afte: nf Type <u>II</u> Currency	Schedoled Time	IN         UL           Onese.         2021-10-26           BIC         E         Pash Mode         E           QQX         YEs         E         E	bent Type: Valid From Oping Powert INC III Oping From BGALPTTOXX BANKPTPI

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 - Update the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list, select the Service T2 RTGS Component and the report name RTGS Statement of Accounts.

2 🥑 🚿 🔪 Common	Messages and Reports Report Configurations	Search		් න්	
REPORT CONF	GURATION LIST				
Status:	AL	~	Configuration Name:		
Service:	T2 CLM COMPONENT	~	Report Name:	CLM Statement of Accounts - BANKPTPLXCX	~
Event Type:			Currency:	Choose	~
Delta Mode:	AL	~	System entity wide reporting flag:	All	~
Frequency:	Al	~			
Owner Parent BIC:	Choose BIC		Owner Party BIC:	Choose BIC	
Cash Account Number:					
Q. Silveh X Reset					+ New

Afterwards, the user will be guided to the report configuration details screen, where all the details of the RTGS statement of accounts can be checked.

9	2 🖷 🔪 Common 🔪 M	Nessages and Reports 🔪 Rej	ort Configurations 🔪 9,	Search Ø Details					<b>B B</b>		
P	REPORT CONFIGU	RATION DETAILS									
atus:		Active		5e	vice:		CLM Comp	onent			
wher Parent BIC:		BGALPTTGXXX		01	mer Party BIC:		BANKPTPL	NODE			
vner Party Short Name:		BANK		Re	port Name:		CLM States	nent of Accounts			
onfiguration Name:		CLM Statement of	Accounts - BANKPTPLJOCK	Co	nfiguration Description:		CLM States	nent of Accounts -	BANKPTPLXXX	(	
Isa Mode:		No		Sy	item entity wide reporting flag:		No				
sh Account Number:											
Report Configuration	Party Links										
Parent BIC	E Party BIC	Party Short Name	E Push Mode	E Scheduled Time	Event Type Code	E Cuttency	E Valid F	rom	Valid To		<b>N</b>
BGALPTTGXXX	BANKPTPLXXX	BANK	Yes				2021-1	0.25	899-12-31		
Total rows: 1											

To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the Valid to field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user will select the Submit button.

REPORT CONFIGURATIO	DN UPDATE			-	
Owner Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BANKFTPLOOK		
Cash Account Number:	Choose				
Configuration Name:	CLM Statement of Accounts – BANKPTPLXXX	Configuration Description:	CLM Statement of Accounts – BANKPTPLXXX		
Service:	T2 CLM COMPONENT	Report Name:	CLM Statement of Accounts		Submit
Frequency:	Ý	Delta Mode:		0	Reset
System Entity Wide Reporting Flag:				×	Cancel
Party Links					
Opting Parent BIC:	Choose BIC	Opting Party BIC:	Choose BIC		
Scheduled Time:	HH MA O	Push Mode:			
Event Type:	Choose	Currency:	~		
Valid From:	yyyy-mm-dd 🛙 0	Valid Ter	yyyy-mm-dd 🛛 🗎 O		
			× +		
Opting Parent BIC = Opting Party BIC = BCAN DTTCVVV BIANEDTCVVV	Push Mode    Scheduled Time  Ves	Event Type   Currency   E	Valid From E Valid To E		
			and the second		
Total rows: 1					

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.010
Name	Report configuration for a T2S statement of accounts
Applicable to	T2S DCA holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

#### 2.2.1.10 CRDM.U2A.010 - Report Configuration – T2S Statement of accounts

#### Description:

Step 1 below describes the actions to be undertaken by the users to create a report configuration for the T2S statement of accounts delivery in push mode (full version). Additionally, step 2 describe the actions to be performed for update the report configuration.

#### Step 1 - Creation of the report configuration



User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration – search/list and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- Configuration Name fill in with an identification for the report configuration (e.g. T2S Statement of Accounts – BANKPTPLXXX);
- **Configuration Description** fill in with a description for the report configuration (e.g. T2S Statement of Accounts BANKPTPLXXX);
- Service select T2S;
- **Report Name** select Statement of Accounts;
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

Select Event Type Code - EESR;

Fill in/select Valid From date;

and use "+" button to submit the party links information;

2 @ 🖷 > Common > Mea	Lagers and Reports > Report Configurations > Q Search > + New		க்
REPORT CONFIGUR	LATION NEW		
ner Parent, BIC.	BGAUPTTGROX	Owner Party BIC:	BANKETTPL.XXX
In Account Number:	Choose		
figuration Name:	CLM Disservers of Accounts - SAN(OTTPL000)	Configuration Description:	CLM Statement of Accounts - BANK/715U000
rice:	TE CLM COMPONENT	Report Name:	CLM Statement of Accounts
preuch:	~	Delta Mode:	
tern Entity Wide Reporting Plag:			Ğ
Party Links			
Opting Parent, BIC:	BGALPTTGIOX	Opting Party BIC:	BANKPTPLOOK
cheduled Time:	HHY 541 0	Push Made	
vent Type:	Doole	Currency:	~
lalid From:	2021-10-26	Valid To:	yyyy-mm-ad 🗰 O
			× +
Opting Parent BIC II Opting Party BIC	E Punh Mode E Scheduled Time E	Event Type II Ourrency	I Valid From I Valid To I
NGAI PTTGXXX DAM/DTDLXXX	Yes		2921-10-26

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 - Update the report configuration
User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration – search/list, select the Service T2S and the report name Statement of Accounts.

REPORT C	ONFIGURATION LIST				
tatus:	Active	v C	infiguration Name:		
ervice:	725	v R	port Name:	Statement of Accounts	
vent Type:		0	irrency:	Choose	
leita Mode:	AL	v <sup>S</sup> )	stem entity wide reporting flag:	All	
requency:	Al	~			
owner Parent BIC:	Choose BIC	0	wner Party BIC:	Choose BIC	
ash Account Number					

After wards, the user will be guided to the report configuration details screen, where all the details of the T2S statement of accounts can be checked.

(10) 🕷 🔪 Common 🔪	Messages and Reports A Report Configurations Q Search	@ Details	8.5	
REPORT CONF	IGURATION DETAILS			_
duar	Arrive	Samira	775	
mer Parent BIC:	BGALPTTGXXX	Owner Party BIC:	BANKPTPLXXX	
ner Party Short Name:	BANK	Report Name:	Statement of Accounts	(1)
nfiguration Name:	T2S Statement of Accounts – BANKPTPLXXX	Configuration Description:	T2S Statement of Accounts – BANKPTPLXXX	Edit
ita Mode:	No	System entity wide reporting flag:	No	Delete
sh Account Number:				Restore
Report Configuration Party Links				E Revisions
Parent BIC   Party BIC	E Party Short Name E Push Mode E Sch	eduled Time 🗉 Event Type Code 🗉 Currency	E Valid From E Valid To E	
BGALPTTGXXX BANKPTPLXXX	BANK Yes	EESR	2016-03-28 9999-12-31	

To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the Valid to field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user will select the Submit button.

wner Parent BIC:	BGALPTTGX0X		Owner Party BIC:	BANKPTPLXXX	
ash Account Number:	Choose				
onfiguration Name:	T2S Statement of Accounts - BANKPTPLX	xx	Configuration Description:	T2S Statement of Accounts - BANKPTPLXXX	37
ervice:	725	~	Report Name:	Statement of Accounts	
equency:		~	Delta Mode:		
Party Units	1			Louis	
Opting Parent BIC:	Choose BIC		Opting Party BIC:	Choose BIC	
Scheduled Time:			Push Mode:	0	
Event Type:	Choose	~	Currency:	Choose	
Valid From:	3333-mm-dd	<b>a</b> 0	Valid To:	yyyy-mm-dd 🗮 O	
				× ×	ζ
Opting Parent BIC   Opting Parent BIC  Opting Parent BIC  Deals(COTO)	BIC ≣ Push Mode ≣ Scheduled 1	Time 🗉	Event Type  E Currency EEEED	E Valid From E Valid To E	
DAINEPTIC			LLON	2010/03/20	

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

2.2.1.11	CRDM.U2A.011	- Report	Configuration –	- TIPS Statement	of accounts
	CINDINIOLANOTT	neport	Comparation		or accounts

ID	CRDM.U2A.011
Name	Report configuration for a TIPS statement of accounts
Applicable to	TIPS Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

## Description:

Step 1 below describes the actions to be undertaken by the users to create a report configuration for the end of day TIPS statement of accounts delivery in push mode (full version). Additionally, step 2 describe the actions to be performed for update the report configuration.

# Step 1 - Creation of the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- **Configuration Name** fill in with an identification for the report configuration (e.g. TIPS Statement of Accounts);
- **Configuration Description** fill in with a description for the report configuration (e.g. TIPS Statement of Accounts);
- Service select TIPS SERVICE;
- Report Name select TIPS Statement of Accounts;
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

Select Push mode;

Fill in/select Valid From date;

and use "+"	" button to	o submit the	party	links in	formation;
-------------	-------------	--------------	-------	----------	------------

40 🕷 🔪 Common 🔪 Messages (	nd Reports 🔪 Report Configurations 🔪 Q. Search 🔪 🕂	New		க்		
REPORT CONFIGURATION N	EW					
Owner Parent BIC:	BGALPTIGUOX		Owner Party BIC:	BANK/PTPLJOX		
Cash Account Number:	Choose				$\sim$	
Configuration Name:	TIPS Statement of Accounts		Configuration Description:	TIPS Statement of Accounts		
Service:	TIPS SERVICE	~	Report Name:	TIPS Statement of Accounts	E C	Submit
Frequency:	Choose	~	Delta Mode:			Cancel
System Entity Wide Reporting Flag:						
Party Links						
Opting Parent BIC:	BGALPTTG00X		Opting Party BIC:	BANKPTPLJOC		
Scheduled Time:	iei Mi		Push Mode:			
Event Type:	Choose	~	Currency:	Choose 🗸		
Valid From:	2023-05-10	80	Valid To:	yyyy-mm-dd		
				× +73		
Opting Parent BIC  BIGAL PTTOXXX BANKPTPLXXX	Push Mode     Scheduled Time  Yes	=	Event Type	Valid From		
Total rows: 1				/ 8		

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 2 - Update the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration = search/list, select the Service TIPS SERVICE and the report name TIPS Statement of Accounts.

🕢 🛪 🔪 Common 🔪 Mess	ages and Reports 🔪 Report Configurations 义 Q. Search		<u></u>	
REPORT CONFIGURATION	NLIST			
Status:	Active	Configuration Name:		
Service:	TIPS SERVICE	, Report Name:	TIPS Statement of Accounts	~
Event Type:		Currency:	Choose	~
Delta Mode:	All	, System entity wide reporting flag:	All	~
Frequency:	Al			(=
Owner Parent BIC:	Choose BIC	Owner Party BIC:	Choose BIC	
Cash Account Number:				
Q, Search X Reset			+ N	lew

Afterwards, the user will be guided to the report configuration details screen, where all the details of the TIPS statement of accounts can be checked.

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To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the Valid to field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

(4 common ) M orts Re ons ) Q Saarch ) @ Details ) @fidit Bab REPORT CONFIGURATION UPDATE ent BIC TIPS Stat 0 TIPS SERVICE Reset Party Link 104 583 Event Type . 0 8 0 × 13"

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.012
Name	Report configuration for a TIPS statement of accounts (delta mode)
Applicable to	TIPS Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Configuration Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the report configuration

2.2.1.12 CRDM.U2A.012 - Report Configuration – TIPS Statement of accounts in delta mode

## Description:

Step 1 below describes the actions to be undertaken by the users to create a report configuration for the intraday delivery of the TIPS statement of accounts (it can be received every 3, 6 or 12 hours). Additionally, step 2 describe the actions to be performed for update the report configuration.

## Step 1 - Creation of the report configuration

User reaches CRDM screen *Common* >> *Messages and Reports* >> *Report Configuration* >> *Report Configuration* - *search/list* and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- **Owner Parent BIC** fill in BGALPTTGXXX;
- **Owner Party BIC** fill in with the Party BIC;
- **Configuration Name** fill in with an identification for the report configuration (e.g. TIPS Statement of Accounts delta) ;
- **Configuration Description** fill in with a description for the report configuration (e.g. TIPS Statement of Accounts delta) ;
- Service select TIPS SERVICE;
- Report Name select TIPS Statement of Accounts;
- **Delta mode** select this option;
- Frequency select the desired frequency, in hours (3, 6 or 12);
- Party Links Fill in Opting Parent BIC with BGALPTTGXXX;

Fill in Opting Party BIC with the Party BIC;

- Select Push mode;
- Fill in/select Valid From date;
- and use "+" button to submit the party links information;

Once done, the user will select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 2 - Update the report configuration

User reaches CRDM screen Common >> Messages and Reports >> Report Configuration >> Report Configuration - search/list, select the Service TIPS SERVICE and the report name TIPS Statement of Accounts.

4 🕢 🌴 🔪 Common 🔪 Messages	and Reports X Report Configurations Q Search		<b>8</b> đ	
REPORT CONFIGURATION L	IST			_
Status:	Active	, Configuration Name:		
Service:	TIPS SERVICE	, Report Name:	TIPS Statement of Accounts	
Event Type:		Currency:	Choose 🗸	
Delta Mode:	Al	, System entity wide reporting flag:	All	
Frequency:	Al	<i>•</i>		
Owner Parent BIC:	Choose BIC	Owner Party BIC:	Choose BIC	Ŭ
Cash Account Number:				
Q, Search X Reset			+ New	

Afterwards, the user will be guided to the report configuration details screen, where all the details of the TIPS statement of accounts can be checked.

	(a) 👘 Common	Messages and Reports 🔪 F	Report Configurations 🔪 Q	Search 00 Decails				5a		
RE	PORT CONFIGUR	RATION DETAILS -							_	
tatus:		Active		54	rvice:		TIPS SERVICE			
wher Parent BIC:		BGALPTTIGXXX		Ov	mar Party BIC:		BANKPTPLXXX			
wner Party Short Name:		BANK		Re	port Name:		TIPS Statement of Accounts			
onfiguration Name:		TIPS Statemen	t of Accounts delta	Co	efiguration Description:		TIPS Statement of Account	ints delta	$\bigcirc$	
ita Mode:		Yes		Sys	stem entity wide reporting flag:		Na			
equency:		1								Edit
Report Configuration Darp	links								0	Dele
Danas DV	- Design	- Duty Churt Mana	= Dash Mada	- Schutzled Time	<ul> <li>Event Two Code</li> </ul>	- Current	- Abid See	- 1 166475		Res
BGALPTTGXXX	BANKPTPLXXX	BANK	Yes	E Scheduled Time	E Evere type 0.008	= Conency	2020-10-12	9999-12-31		Nev
Total rows: 1										

To update the report, the user should select the option edit. Afterwards, the user will have the possibility to change only the Valid to field. To do so, it should press the edit button on the Party Links block, fill in the new valid to date and submit the new date in the "+" button.

Once done, the user will select the Submit button.

REPORT CONFIGURATION LIPONT         Building to the first to the fi	, , , , , , , , , , , , , , , , , , , ,			13.89	
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An Anarchanker Angeneren kannen ander San Kann	BGKLPTTGXX		Comer Party BIC	BCOMPTRUXX	
And State Scient Scient         Oxforder Designer         And Scient Scient         And Scient Scient Scient         And Scient Scient Scient         And Scient Scie	Drosse				
ner: 1918/201 V Paper View Paper	carro, 053 certa BCOMPTRUXXX		Configuration Description:	centro53 deta 800APTPL00X	
Next     1     0 <th0< th="">     0     <th0< <="" td=""><td>TIPS SERVICE</td><td>~</td><td>Report Name</td><td>TIPS Statement of Accounts</td><td>ŏ</td></th0<></th0<>	TIPS SERVICE	~	Report Name	TIPS Statement of Accounts	ŏ
mention to the length of the l	1	~	Delta Mode:		0,
Angoin         Ruttion         Ruttion <th< td=""><td>-</td><td></td><td></td><td></td><td>o c</td></th<>	-				o c
Apertone IC         EXPENSIO         Operative IC         EXPENSIO           Shadada Too         A         A         A           A         A         A         A           A         A         A         A           A         A         A         A           A         A         A         A           A         A         A         A           A         A         A         A           A         A         A         A           V         V         V         Convert         Data.           V         Data.         V         Convert         Data. </td <td></td> <td></td> <td></td> <td></td> <td></td>					
A         A         B         B         B         Data         D           best Spec         0 <t< td=""><td>RGALPTIGOOX</td><td></td><td>Opting Party BIC:</td><td>BC0/879-00X</td><td></td></t<>	RGALPTIGOOX		Opting Party BIC:	BC0/879-00X	
Dest         O         Dest         O           Mail free         300 mid         8         0         300 mid         8         0           Mail free         300 mid         8         0         500 mid         8         0           Addition         8         0         1         500 mid         8         0         1         1         0           Addition         8         0         1         500 mid         1         500 mid         1			Push Mode		
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Image: Second Control         Contro         Control         Control <td>2000-mm-dd</td> <td></td> <td>Valid To:</td> <td>300y mine dd</td> <td>0</td>	2000-mm-dd		Valid To:	300y mine dd	0
Oping Face/IDC         III         Oping Face/IDC         III         Oping Face/IDC         IIII         Oping Face/IDC         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				x +	
83A-FTTRXX 8C0MFTRXXX Yes 2005-0-2 6666-0-31	E Post-Mode E Sale	elated Term	Event Type E Correctly	E Vote From E Vote To	
	Yes			2020-10-12 9806-12-31	
				21	
		ATONUPDATE Partman Part 31 and 825/PB/01 TO 8000 P BAUTERS A A A A A A A A A A A A A	ATION UPDATE	ANTON UPDATE Band Titation Units and EXAMPLICATE Units and EXAMPL	ATTON UPDATE ReadTable BearTabl

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

2.2.1.13	CRDM.U2A	.013 -	Floor	and	ceiling	notifications
----------	----------	--------	-------	-----	---------	---------------

ID	CRDM.U2A.013
Name	Configuration of floor and ceiling notifications
Applicable to	MCA holders, RTGS DCA holders, TIPS DCA holders
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> <li>Floor and ceiling notification amounts need to be previously configured by Banco de Portugal (requested via registration form)</li> </ul>
Test Evidence	Printscreen of the configuration of the floor and ceiling notifications

### **Description:**

To configure the delivery of floor and ceiling notifications for MCA, RTGS DCA and TIPS DCAs the user shall follow the following steps (example bellow for an RTGS DCA):

### Step 1 – Configure floor/ceiling notifications

User reaches CRDM screen *Common >> Cash >> Cash Accounts* and presses the Search button. On the search screen the user should search for the account in which the notifications are to be set-up (e.g. select account type RTGS Dedicated Cash Account).

20 🕷 🔪 Common 🔪 Cash 🔪 C	් න්	ுக்				
CASH ACCOUNT LIST						
Status:	Active	~				
Cash Account Number:			Account Type:	RTGS Dedicated Cash Account		~
Linked Account Type:	Al	~	Linked Account:			
Parent BIC:	Choose BIC		Party BIC:	Choose BIC		
Party Type:	All	~	Currency:	AL		~
Opening Date From:	yyyy-mm-dd	<b>m</b> 0	Opening Date To:	yyyy-mm-dd		0
Closing Date From:	yyyy-mm-dd	<b>=</b> 0	Closing Date To:	yyyy-mm-dd		0
Q Search X Reset					+ Nev	

Afterwards, the user should access the cash account details screen, and select the option Edit.

The user should start by checking that the Floor and Ceiling notification amounts were previously defined by Banco de Portugal. These amounts (identified with a 1 below) are the ones used for triggering these notifications. Then, the user should select the edit button in the account threshold configuration block. After that, the floor and ceiling notifications should be ticked (identified with a 2 below), and submit this information in the "+" button. Once done, the user presses the Submit button. 44

sh Account Number:	RPTEURBANKPTPLXX0001001		Account Type:	R105 Dedicated Cash Account	~	
paning Date:	2021-06-24		Closing Date:	9999-12-01		
arent BIC:	BGALPTTGXXX		BIC:	BANKPTPLXX		)
sort Name:	BaP		Party Type: 1	PMBK	2	2 Sub
oor notification Amount:		1,000,000	Ceiling notification Amount:		5,000,000	Resi
irrency:	Euro	~				Can
nked Account Type:	Cash Account	~	Linked Account Reference:	MPTEURBANKPTPLXX000100		
Account Threshold Configuration			Turnet Annues after Reaction College			
target Amount after breaching Hoor.		2,500,000	target Amount after breaching Ceiling.		3,500,000	
Associated LT Account:	MPTEURBANKPTPL/X000100	1	2			
Floor Notification:	G		Ceiling Notification:	8		
Ruled-based LT for Queued High Priority Payments:	8		Ruled-based LT for Queued Urgent Priority Payments:	•	×	
Toront Amount Mary Description Place 20 Toront Am	nount After Dimaching Ceiling II Associated LT Accord	unt T	Floor Notification II Colling Notification II Rule-based	LT for Queued High II Pule-based LT for Queue	nd Urgent	
target removed room concerning room in target ref				here a		

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 2 – Query the configuration of floor/ceiling notifications

User reaches CRDM screen *Common* >> *Cash* >> *Cash* Accounts and presses the Search button. Once on the search screen the user should search for the account, in which the notifications were set-up (e.g. select account type RTGS Dedicated Cash Account).

20 R Common Cash Cash Accounts Q Search					5.5			
CASH ACCOU	NT LIST							
katusi	Active		×					
ash Account Number:				Account Type:	RTGS Dedicated Cash Account			
nked Account Type:	AL		*	Linked Account:				
arant BIC:	Chosen DC			Party BIC	Choses BC			
нту Турні	At		~	Carrenty:				
pening Date From:	WWwww.dd		•	Opening Date To:	3332-mm-88			
losing Date From:	2009-mm-468		0	Closing Date Ta:	3000-mm-88		Ċ.	

Afterwards, the user should access the cash account details screen, and check the Account Threshold Configuration. In that block, Floor notification and Ceiling Notification should have the value Yes.

2 @ 🕷 🔪 Common 🔪 (	ash 🔪 Cash Accounts 🔪 Q. Search 🔪 @ Details		<b>b</b>		
CASH ACCO	OUNT DETAILS				
etus:	Active	Cash Account Number:	RPTEURBANKPTPLX00001001		
ening Date:	2021-06-24	Closing Date:	9999-12-31	_	
count Type:	RTGS Dedicated Cash Account	Currency:	EUR	(=)	
rent BIC:	BGALPTTGXXX	Party BIC:	BANKPTPLIX		Edit
rty Short Name:	BANK	Party Type:	Payment Bank	Ö	Delete
or notification Amount:	1.500.500	Ceiling notification Amount:	5.000.000		Restore
ked Cash Account:	MPTEURBANKPTPL/XX0001001				
					Revisions
Account Threshold Configuration				<ul> <li>Ø</li> </ul>	Limits
Target Amount Target Amoun	M 🚊 Associated LT Account 🛛 🚊 Floor Notifica	ation 🚆 Ceiling Notification 🚆 Rule-based LT for	Queued High 🝵 🛛 Rule-based LT for Queued Urgent		Credit Memorandum B
2.500.000 3.500.000	MPTEURBANKPTPLXX0001001 Yes	Yes Yes	Yes	$\sim$	
¢			,		
lotal rows: 1					
Record Management Language Cont	figuration				
neserve management Account Com					
Minimum Reserve Calculation	E Default MCA E Interest Co	alculation 🛛 🗧 Interest Rate Type	■ Automated Generation of Interest P ■		
Minimum Reserve Calculation	E Default MCA E Interest Co	Interest Rate Type	$\equiv$ Automated Generation of Interest P $\equiv$		
Minimum Reserve Calculation	E Default MCA E Interest C	skulation ≣ keterest Rate Type No Rows To Show	$\blacksquare  \  \   \  \   \  \   \  \   \  \   \  \ $		

ID	CRDM.U2A.014
Name	Creation of a Standing Liquidity Transfer Order from RTGS
Applicable to	MCA holders, RTGS DCA holders, TIPS DCA holders and T2S DCA holders
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the configuration of the standing order

### 2.2.1.14 CRDM.U2A.014 - Standing Liquidity Transfer Order from RTGS

## Description:

To create, update and delete a standing liquidity transfer order, triggered by an event, between a RTGS DCA and a MCA/T2S DCA/ TIPS account, the user shall go through the following steps:

# Step 1 – Creation of a Standig Liquidity Transfer Order (from RTGS to CLM/T2S/TIPS)

User reaches CRDM screen *Common* >> *Cash* >> *Standing/Predefined Liquidity Transfer Order* >> *Search* and selects the option New. On the screen displayed, the following fields are of mandatory filling (remaining fields should not be used):

- Order Reference: to be filled in with an identification for the standing order (e.g., "SOforCLM");
- Valid From: select the date as of the standing order should be executed;
- Amount: to fill in with the amount for the standing order;
- Order Type: to select "Standing";
- **Event Type:** to select the event that will trigger the standing order liquidity transfer. For a standing order to debit a RTGS DCA, a RTGS event should be selected, as per information below:

### <u>RTGS events:</u>

**RESO** - *Execution of standing orders in RTGS* 

RRII - Start of RTGS RTS II

RSIC - Start of settlement window for interbank and customer payments

RLSO - Execution of standing orders after last settlement attempt in RTGS

- Creditor account Type: to select "Cash Account";
- Creditor cash account number: to fill in with the account number to be credited;
- **Debited cash account number:** to fill in with the account number to be debited. It has to be an account in the same service as the event that triggers the liquidity transfer.

Once done, the user shall press the Submit button.

STANDING/PRE	DEFINED LIQUIDITY TRANS	SFER ORDER NEW		-
Order Reference:	SOFORCLM			
Valid From:	2021-10-12 🗰 🖸	Valid To:	yyyy-mm-dd 🗰 🔇	Submit
Amount:	1,000,000	Currency:	EUR	b Reset
Dedicated Amount:		All Cash:	0	× Cancel
Order Type:	Standing 🗸			-
Event Type:	RESO ~	Execution Time:		
Creditor Account Type:	Cash Account 🗸			
Creditor Cash Account Number:	MPTEURBANKPTPLXX0001001	Debited Cash Account Number:	RPTEURBANKPTPLXX0001001	
AS Procedure:	~			

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 2 – Update Standing Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

2 🕢 🌴 🔪 Common 🔪 Cash	2 🕢 🌴 🔪 Common 🔪 Cash 🔪 Standing/Predefined Liquidity Transfer Order 🔪 Q. Search				B 3	B 📾	
STANDING/PR	EDEFINED LIQUIDITY TF	ANSFER OF	RDI	ERS			
Status:	Active		×				
Parent BIC:	Choose BIC			Party BIC:	Choose BIC		
Order Reference:				Creditor Account Type:		¥	
Creditor Cash Account Number:	Choose			Debited Cash Account Number:	Choose		
Order type:	Standing		~				
Amount From:				Amount To:			
AS Procedure:			~				
/alid From From:	yyyy-mm-dd	<b></b>	0	Valid From To:	yyyy-mm-dd	<b>a o</b>	
/alid To From:	yyyy-mm-dd	<b></b>	0	Valid To To:	yyyy-mm-dd	₩ 0	
Q Synch X Reset						+ New	

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be updated, the user should select the option edit. This will allow to change the Valid to, Amount and Order Type field. The user shall perform the desired change and press the Submit button.

[Hint: As the goal of the next step is to delete the standing order for liquidity transfer, the valid date should be changed to the current business date.]

Order Reference:	SOFORCLM						
Valid From:	2021-10-12	<b>=</b> 0	Valid To:	2021-10-30	<b>=</b> 0		
Amount:		101,000	Currency:	EUR		R	
Dedicated Amount:			All Cash:	0		6	
Order Type:	Standing	~				×	
Event Type:	RESO	~	Execution Time:	00 00 0			
Creditor Account Type:	Cash Account	~					
Creditor Cash Account Number:	MPTEURBANKPTPLXX	0001001	Debited Cash Account Number:	RPTEURBANKPTPLXX000100	01		
AS Procedure:		~					

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 3 – Delete Standig Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be deleted, the user should select the option delete.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.015
Name	Creation of a Standing Liquidity Transfer Order from CLM
Applicable to	MCA holders, RTGS DCA holders, TIPS DCA holders and T2S DCA holders
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> </ul>
Test Evidence	Printscreen of the configuration of the standing order
Description:	

### 2.2.1.15 CRDM.U2A.015 - Standing Liquidity Transfer Order from CLM

To create, update and delete a standing liquidity transfer order, triggered by an event, between a MCA and a RTGS DCA/T2S DCA/ TIPS account, the user shall go through the following steps:

# Step 1 – Creation of a Standig Liquidity Transfer Order (from CLM to RTGS/T2S/TIPS)

User reaches CRDM screen *Common* >> *Cash* >> *Standing/Predefined Liquidity Transfer Order* >> *Search* and selects the option New. On the screen displayed, the following fields are of mandatory filling (remaining fields should not be used):

- Order Reference: to be filled in with an identification for the standing order (e.g. "SOfor RTGS");
- Valid From: select the date as of the standing order should be executed;
- Amount: to fill in with the amount for the standing order;
- Order Type: to select "Standing" ;
- Event Type: to select the event that will trigger the standing order liquidity transfer for standing orders to debit a MCA, a CLM event should be selected: CESO - Execution of standing orders in CLM or CCII - Cut-off for CLM RTS;
- Creditor account Type: to select "Cash Account";
- Creditor cash account number: to fill in with the account number to be credited;
- **Debited cash account number:** to fill in with the account number to be debited. It has to be an account in the same service as the event that triggers the liquidity transfer.

Once done, the user shall press the Submit button.

= target		Litor Galvao - CB   2022-03-25 18:43:46 Session ID: eyihbGciOijiUzi1Nij9 Business Date: 202	» ? Help   » 🖴 Logout 22-03-28 Stage: UTEST version: 1.3.3		
4 🏵 🏘 🔪 Common 🔪 Cash 🔪 Standin	ng/Predefined Liquidity Transfer Order > + N	ew	ತೆ		
STANDING/PREDEF	FINED LIQUIDITY TRANSFER	R ORDER NEW		-	
Order Reference:	SOFORRTGS			$\frown$	
Valid From:	2022-03-28	Valid To:	yyyy-mm-dd 🗰 오		
Amount:	1,000,000	Currency:	EUR	(+)	Submit
Dedicated Amount:		All Cash:			Reset
Order Type:	Standing 🗸			×	Cancel
Event Type:	CESO	Execution Time:			
Creditor Account Type:	Cash Account				
Creditor Cash Account Number:	RPTEURBGALPTTGXXX0001001XXX	Debited Cash Account Number:	MPTEURBGALPTTGXXX0001001XXX		
AS Procedure:					

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 2 – Update Standing Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

2 💿 🎓 🔪 Common 🔪 Cash	Standing/Predefined Liquidity Trans	sfer Order 🔰 Q Search		۲.	5
STANDING/PR	EDEFINED LIQUIDITY TF	RANSFER ORD	ERS		
Status:	Active	~			
Parent BIC:	Choose BIC		Party BIC:	Choose BIC	
Order Reference:			Creditor Account Type:		~
Creditor Cash Account Number:	Choose		Debited Cash Account Number:	Choose	
Order type:	Standing	~			
Amount From:			Amount To:		
AS Procedure:		~			
Valid From From:	yyyy-mm-dd	₩ 0	Valid From To:	yyyy-mm-dd	₩ 0
Valid To From:	yyyy-mm-dd	<b>m</b> O	Valid To To:	yyyy-mm-dd	<b>a</b> O
Q, Sixch X Reset					+ New

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be updated, the user should select the option edit. This will allow to change the Valid to, Amount and Order Type field. The user shall perform the desired change and press the Submit button.

[Hint: As the goal of the next step is to delete the standing order for liquidity transfer, the valid date should be changed to the current business date.]

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 3 – Delete Standig Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be deleted, the user should select the option delete.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

2.2.1.16 CRDM.U2A.016	- Standing Liquid	lity Transfer Ord	ler from T2S
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ID	CRDM.U2A.016
Name	Creation of a Standing Liquidity Transfer Order from T2S
Applicable to:	T2S DCA holder

User should have been granted the roles:
<ul> <li>AH CRDM Liquidity Manager;</li> </ul>
• AH CRDM Reader.

# Description:

To create, update and delete a standing liquidity transfer order, triggered by an event, from a T2S DCA to a MCA/RTGS DCA/ TIPS DCA, the user shall go through the following steps:

# Step 1 – Creation of a Standig Liquidity Transfer Order (from T2S to CLM/RTGS/TIPS)

User reaches CRDM screen *Common* >> *Cash* >> *Standing/Predefined Liquidity Transfer Order* >> *Search* and selects the option New. On the screen displayed, the following fields are of mandatory filling (remaining fields should not be used):

- Order Reference: to be filled in with an identification for the standing order (e.g., "SO from T2S");
- Valid From: select the date as of the standing order should be executed;
- Amount: to fill in with the amount for the standing order or select;
- **All cash:** if the standing order is created with the goal of sending (on a daily basis) all the liquidity in the T2S DCA (before the change of business day) ;
- Order Type: to select "Standing" ;
- **Event Type:** to select the event that will trigger the standing order liquidity transfer. For a standing order to debit a T2S DCA, one of the following T2S event should be selected: OCSW
  - Optional Cash Sweep 1 or OCS2 Optional Cash Sweep 2;
- Creditor account Type: select "Cash Account";
- Creditor cash account number: to fill in with the account number to be credited;
- **Debited cash account number:** to fill in with the account number to be debited. It has to be an account in the same service as the event that triggers the liquidity transfer (select this field before the event to allow the event list to be available for selection).

Once done, the user shall press the Submit button.

Order Reference:	SO from T2S				
Valid From:	2023-05-17	i ⊂	Valid To:	yyyy-mm-dd 🗰 🖸	Submit
Amount:			Currency:	EUR	S Reset
Dedicated Amount:	O		All Cash:	•	Cancel
Order Type:	Standing	~			
Event Type:	OCSW	~	Execution Time:	A A	
creative type.	0CSW		LACCOUNT TITLE.	* *	
	Carls Lawrence				

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 2 – Update Standing Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

2 🕢 🐐 🔪 Common 🔪 Cash 🔪 Star	ding/Predefined Liquidity Trans	fer Order 🔰 Q. Search		<u>n</u>	
STANDING/PREDEF	NED LIQUIDITY TR	ANSFER ORDE	ERS		
Status:	Active	~			
Parent BIC:	Choose BIC		Party BIC:	Choose BIC	
Order Reference:			Creditor Account Type:		~
Creditor Cash Account Number:	Choose		Debited Cash Account Number:	Choose	
Order type:	Standing	~			
Amount From:			Amount To:		
AS Procedure:		~			
Valid From From:	yyyy-mm-dd	<b></b>	Valid From To:	yyyy-mm-dd	<b>•</b> • • (=)
Valid To From:	yyyy-mm-dd	<b></b>	Valid To To:	yyyy-mm-dd	<b></b>
Q Sixch X Reset					+ New

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be updated, the user should select the option edit. This will allow to change the Valid to and the amount. The user shall perform the desired change and press the Submit button.

[**Hint:** As the goal of the next step is to delete the standing order for liquidity transfer, the valid date should be changed to the current business date.]

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

## Step 3 – Delete Standig Liquidity Transfer Order

User reaches the CRDM screen Common >> Cash >> Standing/Predefined Liquidity Transfer Order >> Search and selects as Order type "Standing".

The user will be redirected to the list of standing orders defined. After selection the standing order that shall be deleted, the user should select the option delete.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.017							
Name	Manage bilateral Limit (standing order)							
Applicable to	RTGS DCA holder							
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> </ul>							
Test Evidence	Printscreen of the configuration of the bilateral limit							

### Descritption:

To create, update and delete a bilateral limit, the user shall:

## Step 1 – Create the bilateral limit

User reaches the CRDM screen *Common* >> *Cash* >> *Limits* >> *Search* and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- Limit Type: to fill in with "T2 Bilateral Limit";
- Cash account number: list of cash accounts belonging to the user's entity;
- Authorised BIC: not to be filled in for "T2 Bilateral Limit";
- Limit amount: amount of the limit;
- Valid From: date as of the limit shall be valid;
- **To Account BIC**: account BIC towards which the limit is defined.

Once done, the user shall select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 2 – Update bilateral limit

User reaches CRDM screen *Common >> Cash >> Limits >> Search*. Once on there, the user shall select the limit type "T2 Bilateral Limit" and the Cash account number. After pressing the Submit button, the list of limits defined is displayed. The user shall choose the desired limit and press the option Details. The user can then change the information needed and submit the change.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 3 – Delete Bilateral limit

User reaches CRDM screen *Common >> Cash >> Limits >> Search*. Once on there, the user shall select the limit type "T2 Bilateral Limit" and the Cash account number. After pressing the Submit button, the list of limits defined is displayed. The user shall choose the desired limit and press the option Delete.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.018									
Name	Manage multilateral Limit (standing order)									
Applicable to	RTGS DCA holder									
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> </ul>									
Test Evidence	Printscreen of the configuration of the multilateral limit									

2	.2		1.	.1	8	3	С	R	D	N	Л	. I	U	2	A	۱.	0	1	8	-	ľ	V	a	n	ag	ze	: <b>[</b>	N	u	t	il	at	e	ra	al	L	in	٦i	ts	(	st	ar	10	li	ng	ξ (	or	d	er	)
---	----	--	----	----	---	---	---	---	---	---	---	-----	---	---	---	----	---	---	---	---	---	---	---	---	----	----	------------	---	---	---	----	----	---	----	----	---	----	----	----	---	----	----	----	----	----	-----	----	---	----	---

### Descritption:

To create, update and delete a multilateral limit, the user shall:

### Step 1 – Create the multilateral limit

User reaches the CRDM screen *Common* >> *Cash* >> *Limits* >> *Search* and selects the option New. On the screen displayed, the following fields are of mandatory filling:

- Limit Type: to fill in with "T2 multilateral Limit";
- Cash account number: list of cash accounts belonging to the user's entity;
- Authorised BIC: not to be filled in for "T2 multilateral Limit";
- Limit amount: amount of the limit;
- Valid From: date as of the limit shall be valid;
- To Account BIC: cannot be filled in for "T2 multilateral Limit".

Once done, the user shall select the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

#### Step 2 – Update multilateral limit

User reaches CRDM screen *Common >> Cash >> Limits >> Search*. Once on there, the user shall select the limit type "T2 multilateral Limit" and the Cash account number. After pressing the Submit button, the list of limits defined is displayed. The user shall choose the desired limit and press the option Details. The user can then change the information needed and submit the change.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 3 – Delete Multilateral limit

User reaches CRDM screen *Common* >> *Cash* >> *Limits* >> *Search*. Once on there, the user shall select the limit type "T2 multilateral Limit" and the Cash account number. After pressing the Submit button, the list of limits defined is displayed. The user shall choose the desired limit and press the option Delete.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating

the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

ID	CRDM.U2A.019										
Name	Manage standing order for reservation										
Applicable to	RTGS DCA holder										
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CRDM Liquidity Manager</li> <li>AH CRDM Reader</li> </ul>										
Test Evidence	Printscreen of the configuration of the standing order for reservation										

### 2.2.1.19 CRDM.U2A.019 - Manage standing order for reservation

### Description:

To create, update and delete a standing order for reservation, the user shall:

### Step 1 – Create the standing order for reservation

User reaches CRDM screen T2 >> Cash >> Standing Order for Reservation and selects the option New. On the screen displayed, the following fields are mandatory:

- **Cash account number:** list of cash accounts belonging to the user's entity (or to the entities comamaged by the user's entity);
- Amount: amount to be reserved;
- Priority: fill in with High or Urgent, depending if the reservation is for payments with high or urgent priority;
- Valid From: date as of the reservation is valid.

Once done, the user shall press the Submit button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

### Step 2 – Update of standing order for reservation

User reaches CRDM screen *T2* >> *Cash* >> *Standing Order for Reservation*, fills in the search criteria and presses the Submit button. When the list of standing orders for reservation is displayed, the user shall select the one to be changed, press the Edit button and change the amount of the standing order for reservation. Once done, the user will select the Submit button. If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeated.

# Step 3 – Deletion of standing order for reservation

User reaches CRDM screen *T2* >> *Cash* >> *Standing Order for Reservation*, fills in the search criteria and presses the Submit button. When the list of standing orders for reservation is displayed, the user shall select the one to be deleted and press the Delete button.

If the action is done following the four-eyes principle, the second user shall: go to screen Common>>Services>>Data Changes > select the option "Awaiting Approval" on the status field > use the button Search > choose the relevant change in the list displayed > press the button Details. After validating the information, the second user approves the change or rejects it in case any incoherence is spotted. If the change is rejected, the previous step has to be correctly repeted.

ID	CRDM.U2A.020						
Name	Query RTGS Directory						
Applicable to	RTGS DCA holder						
Pre-conditions	User should have been granted the role AH CRDM Reader						
Test Evidence	Printscreen of the query (RTGS directory screen)						

# 2.2.1.20 CRDM.U2A.020 - Query RTGS Directory

# Description:

To query the RTGS directory, the user shall reach CRDM screen T2 >> Configuration >> RTGS Directory >> Search. The user might fill in some of the search criteria or just press the Search button without specifying search criteria.

After pressing the search button, the list of records of the RTGS Directory will be displayed.

**Hint**: via this screen the user can download the full or the delta version of the last RTGS directory, as well as the full or the delta version of the previous RTGS directory.

ID	CRDM.U2A.021
Name	Create DN-BIC Routing
Applicable to	RTGS DCA holder
Pre-conditions	User should have been granted the role AH Access Rights Admin 2/4E

# Test Evidence Printscreen of the created DN-BIC routing

### Description:

DN-BIC Routing configuration must be created to define which Distinguished Names (DN) are authorized to interact with the platform in A2A mode, both for inbound and outbound message exchange. This configuration is available for CLM, RTGS and TIPS.

### In this step we will focus on the configuration for CLM and RTGS:

User will access CRDM screen Common >> Network Configuration >> DN-BIC Routing and click on New button. Once on the new screen, the following fields are of mandatory filling:

- **Distinguished Name** fill in with the DN that will be used by the system to allow inbound and outbound payment related messages (e.g. pacs.008, pacs.009, ...);
- Participation type Direct;
- Valid From Select/Fill in (should be equal to, or greater than the one defined for the AAU BIC);

2 🖲 🌴 🔪 Common 🔪 Network Co	nfiguration > DN-BIC Routing >	Q Search + New	ல்	
DN-BIC ROU				-
Distinguished Name:	CN=t2esmigd,OU=t2esmi	ig,O=bgal Direction:	~	
Participation Type:	Direct	~		+ Submit
Valid From:	2021-11-05	Valid To:	yyyy-mm-dd 🗰 🛇	D Reset
BIC (mandatory):				x Cancel

• **BIC** – fill in with AAU BIC (assisted search).

Once done, the user will select the Submit button.

The second user will then go to <u>Common>>Services>>Data Changes</u>, select the option "Awaiting Approval" on the status field and use the button Search. The second user will then choose the relevant change and choose the button Details. After validating the information, the second user will approve the change. If the second user spots any error, the task should be rejected, and the previous step should be correctly repeated.

## In the configuration for TIPS:

- The institution's application user must have the flag "Main user" (see chapter CRDM.U2A.003);
- The "Participation Type" field should not be filled in;
- The "Direction" field should be fill in (option inbound and outbound);

- At least two configurations should be performed, one with the inbound option and another with the outbound option.

### 2.2.1.22 CRDM.U2A.022 - Create Routing

ID	CRDM.U2A.022
Name	Create Routing
Applicable to	RTGS DCA holder
Pre-conditions	User should have been granted the role AH CRDM Configuration Manager 2E/4E
Test Evidence	Printscreen of the created routing

### **Description:**

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Routing configuration can be configured to define the Distinguished Name (DN) to be used for sending messages in A2A for a given network service.

One can set the Routing for each Network Service (FILESNF, MSGRT, MSGSNF) for each subscribed service (CRDM, CLM, RTGS, BDM), i.e. create three routings for CRDM, three routings for RTGS etc., or set only the Routing you need based on the subscribed messages.

The user will access CRDM screen <u>Common >> Network Configuration >> Routing</u> and click on New button. Once on the new screen, the following fields are of mandatory filling:

- Description fill in with a description for the routing configuration;
- Network Service select the network service needed;
- **Parent BIC** fill in BGALPTTGXXX;
- **Party BIC** fill in with the Party BIC;
- **Technical Address** select the DN (only the ones used in the Party Technical Address Service Link will be available);
- Select the box Default routing;

= target		Liter Galvao - CB   2022-03-25 17:03:26   » ? Session ID: eyjhbGci0ijIU211Nij9 Business Date: 2022-03	Help  » 🔒 Logout -28 Stage: UTEST version: 1.3.3	
🕢 🛪 🔪 Common 🔪 Network Configura	ation 🔪 Routing 🔪 Q Search 🔪 + New		8	
ROUTING NEW				
Description:	Routing	Network Service:	T2CRDM.SWIFT.FILESNF	
Parent BIC: BGALPTTG	OX Party BIC:	BESCPTPLXXX	Q. Party	E Submit
Technical Address:	cn=sibsa2at,ou=esmig,o=bescptpl,o=	Default Routing:		b Reset
Compression Flag:	~	Sequence:		× Cancel
Size (lower bound):		Size (upper bound):		-
Currency:	All	Message Type:	Choose 🗸	
Positive:				

Once done, the user will select the Submit button.

The second user will then go to <u>Common>>Services>>Data Changes</u>, select the option "Awaiting Approval" on the status field and use the button Search. The second user will then choose the relevant change and choose the button Details. After validating the information, the second user will approve the change. If the second user spots any error, the task should be rejected, and the previous step should be correctly repeated.

To set the routing for each Network Service this process has to be repeated for all the Network Services in the table below.

CRDM	CLM	RTGS	BDM
T2CRDM.SWIFT.FILESNF	T2CLM.SWIFT.FILESNF	T2RTGS.SWIFT.FILESNF	T2BDM.SWIFT.FILESNF
T2CRDM.SWIFT.MSGSNF	T2CLM.SWIFT.MSGSNF	T2RTGS.SWIFT.MSGSNF	T2BDM.SWIFT.MSGSNF
T2CRDM.SWIFT.MSGRT	T2CLM.SWIFT.MSGRT	T2RTGS.SWIFT.MSGRT	T2BDM.SWIFT.MSGRT

### 2.2.1.23 CRDM.U2A.0023 – Manage CMB limit

ID	CRDM.U2A.023
Name	Configuration of CMB limit
Applicable to	TIPS Participant responsible for Reachable Parties
Pre-conditions	The CMB needs to be previously configured by Banco de Portugal (requested via registration form) User needs to have acess to SLIM
Test Evidence	Printscreen of the configuration of the CMB limit

### Description:

The update and elimination of a CMB limit, in CRDM, is done by Banco de Portugal.

The user shall fill and send to Banco de Portugal the "CRDM - Action Request" form:

- The form is available for download in SLIM;
- In the form: fill in only the "Limit" block, choose the "Edit" option, fill in the "Limit Amount" field with new amount, as well as all the mandatory fields;
- The form has to be sent to Banco de Portugal via SLIM. SLIM follows the four-eyes principle, which means that two users are needed to submit the request.

**Note:** Whenever in the production environment carry out the TIPS.A2A.016, the participant must adjust the CMB in the CRDM. To do this, the participant must carry out also the CRDM.U2A.023 in order to fix the new CMB limit.

# 2.2.2 Application-to-Application (A2A)

# 2.2.2.1 CRDM.A2A.001 - Receive RTGS Directory

ID	CRDM.A2A.001
Name	Receive RTGS Directory
Applicable to	RTGS DCA holder
Pre-conditions	The report configuration that enables the reception of the RTGS Directory (as per test case CRDM.U2A.006) should have been done previously and be in active status
Test Evidence	Copy of the received RTGS directory

## Description:

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Around one hour before the RTGS interbank cut-off, as per configuration, the participant receives the RTGS directory in push mode (i.e., the file is sent to the participant).

Upon reception of the RTGS Directory, it shall be checked that it was correctly integrated in the internal applications.

**Hint 1:** The RTGS Directory content is embedded into a XML envelope: for the full version, the identifier of the xml envelope is reda.xxx.rtgs.dirfull and, for the delta version, the identifier of the xml envelope is reda.xxx.rtgs.dirupdate.

**Hint 2:** The name of the file is as follows: RTGSXXXTTTTYYYYMMDD where, XXX is the currency related to the records included in the directory, TTTT is the type of file (FULL for the full version and DLTA for the delta version) and YYYYMMDD specifies the year, month and day as of which the RTGS Directory is valid.

ID	CRDM.A2A.002	
Name	Receive TIPS Directory	
Applicable to	TIPS Account holder	
Pre-conditions	The report configuration that enables the reception of the TIPS Directory (as per test case CRDM.U2A.007) should have been done previously and be in active status.	
Test Evidence	Copy of the received TIPS directory	

## 2.2.2.2 CRDM.A2A.002 - Receive TIPS Directory

### **Description:**

As per configuration, the participant receives the TIPS directory in push mode (i.e., the file is sent to the participant).

Upon reception of the TIPS Directory, it shall be checked that it was correctly integrated in the internal applications.

**Hint 1:** The TIPS Directory content is embedded into a XML envelope: for the full version, the identifier of the xml envelope is reda.xxx.tips.dirfull and, for the delta version, the identifier of the xml envelope is reda.xxx.tips.dirupdate.

**Hint 2:** The name of the file is as follows: TIPSDIRTTTTYYYYMMDD where TTTT is the type of file (FULL for the full version and DLTA for the delta version) and YYYYMMDD specifies the year, month and day as of which the TIPS Directory is valid.

# 2.3 CLM - Central Liquidity Management

# 2.3.1 User-to-Application (U2A)

# 2.3.1.1 CLM.U2A.001 - CLM Access

ID	CLM.U2A.001
Name	CLM access
Applicable to	MCA holders
Pre-conditions	User should have been granted the role AH ESMIG Access
Test Evidence	Printscreen of the CLM homepage

# Description:

User should access the ESMIG landing page > select the service "T2" in the services area > Select "CLM" in the component or application area > select the respective system user reference in the "system user" area > press the Submit button.

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		<b>⊠</b> ₫ T2	
hoose Component or Application		Choose a System User 🎝	Search for user
Business Day Management	^	CPTBGALTPLXXXPGU0	84
🗆 😐 Data Warehouse			
	~		

Once done, the user will be redirected to CLM.

ID	CLM.U2A.002
Name	Query available liquidity
Applicable to	MCA holders
Pre-conditions	User should have been granted the role AH CLM Reader
Test Evidence	Printscreen of the query with available liquidity (display CLM cash account liquidity screen)

## 2.3.1.2 CLM.U2A.002 - Query available liquidity

## Description:

To query the available liquidity via CLM the user should reach the screen Liquidity >> Query CLM Cash Account Liquidity >> [Submit] >> Display CLM Cash Account Liquidity.

From the cash account liquidity query screen, the user can search the available liquidity on one, many or all accounts that a user is authorised to see.

2.3.1.3	CLM.U2A.003 - Process liquidity transfer order between two MCAs
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ID	CLM.U2A.003			
Name	Process liquidity transfer order between two MCAs			
Applicable to	MCA holders			
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> <li>The two MCAs belong to the same liquidity transfer group</li> </ul>			
Test Evidence	Printscreen of the liquidity transfer order (cash transfer details screen) or its instruction reference			

### Description:

The following steps are required to insert a liquidity transfer between two MCAs:

## Step 1 – Insert liquidity transfer order between two MCAs

The user shall reach screen Liquidity >> New Liquidity Transfer and fill in the mandatory fields:

- Liquidity Transfer Account Information>>Debit Account >> Account number: to be filled in with the MCA to be debited.
- Liquidity Transfer Account Information>> Credit Account >> Account number: to be filled in with the MCA to be credited. [Hint: it is only possible to perform liquidity transfers between MCAs belonging to the same liquidity transfer group]
- Amount: amount to be transferred.

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**End to End ID:** identification of the liquidity transfer that will be passed on throughout th entire endto-end chain.

Once done, the user should press the Submit button. The notification area shows whether the submission of the liquidity transfer order has been completed.

If the liquidity transfer has been inserted following the four-eyes principle, the second user shall go to screen *Administration>>Query Task Queue* > fill in the relevant search criteria [**hint**: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant liquidity transfer > press the button Details. After validating the information, the second user approves the liquidity transfer or rejects it in case any incoherence is spotted. If the liquidity transfer is rejected, the previous step has to be correctly repeated.

# Step 2 – Query liquidity transfer orders

To query the liquidity transfer, the user reaches the screen *Cash Transfers and Messages >> Query Cash Transfers* and presses the Submit button. After reaching the screen, the user should check if liquidity transfer order is settled.

ID	CLM.U2A.004			
Name	Process liquidity transfer order between a MCA and a RTGS DCA			
Applicable to	MCA holders (except for institutions having an MCA only; for cash withdrawals or for the fulfillment of minimum reserves.)			
Pre-conditions	User should have been granted the roles: <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>			
Test Evidence	Printscreen of the liquidity transfer order (cash transfer details screen) or its instruction reference			

2.3.1.4	CLM.U2A.004 -	Proces liquidity	/ transfer	order between	a MCA and	a RTGS DCA
E-101 E-1	CENTROLINOV	i i occo iiquiuit	, cransier		a monute	

### **Description:**

The following steps are required to insert a liquidity transfer between a MCA and a RTGS DCA:

## Step 1 – Insert liquidity transfer order between a MCA and a RTGS DCA

The user shall reach screen Liquidity >> New Liquidity Transfer and fill in the mandatory fields:

- Liquidity Transfer Account Information>>Debit Account >> Account number: to be filled in with the MCA to be debited.
- Liquidity Transfer Account Information>>Credit Account>>Account number: to be filled in with the RTGS DCA to be credited.
- Amount: amount to be transferred.

**End to End ID:** identification of the liquidity transfer that will be passed on throughout the entire endto-end chain.

Once done, the user should press the Submit button. The notification area shows whether the submission of the liquidity transfer order has been completed.

If the liquidity transfer has been inserted following the four-eyes principle, the second user shall go to screen Administration>>Query Task Queue > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant liquidity transfer > press the button Details. After validating the information, the second user approves the liquidity transfer or rejects it in case any incoherence is spotted. If the liquidity transfer is rejected, the previous step has to be correctly repeated.

### Step 2 – Query liquidity transfer orders

To query the liquidity transfer orders, the user shall reach the screen *Cash Transfers and Messages* >> *Query Cash Transfers* and presses the Submit button. After reaching the screen, the user should check if liquidity transfer order is settled.

ID	CLM.U2A.005			
Name	Process liquidity transfer order between a MCA and a T2S DCA			
Applicable to	MCA holders (except for institutions having an MCA only; for cash withdrawals or for the fulfillment of minimum reserves.)			
Pre-conditions	User should have been granted the roles: <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>			
Test Evidence	Printscreen of the liquidity transfer (cash transfer details screen) order or its instruction reference			

### 2.3.1.5 CLM.U2A.005 - Process liquidity transfer order between a MCA and a T2S DCA

#### Description:

The following steps are required to insert a liquidity transfer between a MCA and a T2S DCA:

# Step 1 – Insert liquidity transfer order between a MCA and a T2S DCA

The user shall reach screen Liquidity >> New Liquidity Transfer and fill in the mandatory fields:

- Liquidity Transfer Account Information>>Debit Account >> Account number: to be filled in with the MCA to be debited.
- Liquidity Transfer Account Information>> Credit Account >> Account number: to be filled in with the T2S DCA to be credited.

- Amount: amount to be transferred.
- **End to End ID:** identification of the liquidity transfer that will be passed on throughout th entire end-to-end chain.

Once done, the user should press the Submit button. The notification area shows whether the submission of the liquidity transfer order has been completed.

If the liquidity transfer has been inserted following the four-eyes principle, the second user shall go to screen Administration>>Query Task Queue > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant liquidity transfer > press the button Details. After validating the information, the second user approves the liquidity transfer or rejects it in case any incoherence is spotted. If the liquidity transfer is rejected, the previous step has to be correctly repeated.

## Step 2 – Query liquidity transfer orders

To query the liquidity transfer orders, the user shall reach the screen *Cash Transfers and Messages* >> *Query Cash Transfers* and presses the Submit button. After reaching the screen, the user should check if liquidity transfer order is settled.

ID	CLM.U2A.006			
Name	Process liquidity transfer order between a MCA and a TIPS DCA			
Applicable to	MCA holders (except for institutions having an MCA only; for cash withdrawals or for the fulfillment of minimum reserves.)			
Pre-conditions	User should have been granted the roles: <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>			
Test Evidence	Printscreen of the liquidity transfer order (cash transfer details screen) or its instruction reference			

## 2.3.1.6 CLM.U2A.006 - Process liquidity transfer order between a MCA and TIPS DCA

### Description:

The following steps are required to insert a liquidity transfer between a MCA and a TIPS DCA:

### Step 1 – Insert liquidity transfer order between a MCA and a TIPS DCA

The user shall reach screen Liquidity >> New Liquidity Transfer and fill in the mandatory fields:

 Liquidity Transfer Account Information>>Debit Account >> Account number: to be filled in with the MCA to be debited.

- Liquidity Transfer Account Information>> Credit Account >> Account number: to be filled in with the T2S or TIPS DCA to be credited.
- **Amount:** amount to be transferred.
- End to End ID: identification of the liquidity transfer that will be passed on throughout the entire endto-end chain.

Once done, the user should press the Submit button. The notification area shows whether the submission of the liquidity transfer order has been completed.

If the liquidity transfer has been inserted following the four-eyes principle, the second user shall go to screen Administration>>Query Task Queue > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant liquidity transfer > press the button Details. After validating the information, the second user approves the liquidity transfer or rejects it in case any incoherence is spotted. If the liquidity transfer is rejected, the previous step has to be correctly repeated.

**Step 2 – Query liquidity transfer orders** To query the liquidity transfer orders, the user shall reach the screen *Cash Transfers and Messages >> Query Cash Transfers* and presses the Submit button. After reaching the screen, the user should check if liquidity transfer order is settled.

ID	CLM.U2A.007
Name	Credit line management
Applicable to	MCA holders with a credit line
Pre-conditions	User should have been granted the role AH CLM Reader The test is only applicable to MCA holders with Credit Line, i.e., in Party Service Link for Service CLM, the Intraday credit Indicator = Yes. Furhermore, the MCA holder has to have a MCA where flag MCA default = Yes
Test Evidence	Printscreen of the credit line before and after the change (list of credit line per account holder screen)

## 2.3.1.7 CLM.U2A.007 - Credit line management

### **Description:**

To increase/decrease and verify the increase of the credit line, the MCA holder shall:

### Step 1 – Increase or Decrease credit line

Request a increase/decrease of the intraday credit line via COLMS, Banco de Portugal's collateral management system.

### Step 2 – Query credit line increase/decrease

The user should reach the screen Liquidity>>Query Credit Line per account holder (it might fill in some search criteria or not; there are no mandatory search criteria) and confirm that credit line was increased/decreased.

ID	CLM.U2A.008		
Name	Process overnight deposit		
Applicable to	MCA holders with an overnight deposit account		
Pre-conditions	User should have been granted roles: <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>		
Test Evidence	Printscreen of the overnight deposit (list of cash transfers screen) or its instruction reference		

## 2.3.1.8 CLM.U2A.008 - Process overnight deposit

### Description:

To process an overnight deposit, the user shall:

### Step 1 – Insert overnight deposit

User reaches CLM screen *Liquidity* >> *New Liquidity Transfer*. In the screen displayed, the following fields are mandatory:

- Liquidity Transfer Account Information>> Debit Account >> Account number: to fill in with the cash account to be debited (MCA, RTGS DCA, T2S DCA ot TIPS DCA).
- Liquidity Transfer Account Information>> Credit Account >> Account number: to fill in with the cash account to be credited, the overnight deposit account of the MCA holder.
- Amount: amount of the overnight deposit.
- End to Ent ID: reference of the overnight deposit that will be passed on in the end-to-end chain.

Once done, the user shall press the Submit button.

If the overnight deposit has been inserted following the four-eyes principle, the second user shall go to screen *Administration>>Query Task Queue* > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant overnight deposit > press the button Details. After validating the information, the second user approves the overnight deposit or rejects it in case any incoherence is spotted. If the overnight deposit is rejected, the previous step has to be correctly repeated.

## Step 2 – Query Overnight Deposit

To confirm that the overnight deposit has been correctly settled, the user shall reach screen Query Standing Facilities, fill in the query the search criteria "Party BIC" with the BIC of the MCA holder and, in the list displayed, check that the overnight deposit was settled.

On the next business day, the user shall confirm the settlement of the the overnight deposit reimbursement via the screen *Query Standing Facilities* and the processing of interest via the CLM screen *Cash Transfers and Messages >> Cash Transfers.* 

ID	CLM.U2A.009			
Name	rocess reverse overnight deposit			
Applicable to	MCA holders with an overnight deposit account.			
Pre-conditions	User should have been granted roles : <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>			
Test Evidence	Printscreen of the reverse overnight deposit (list of cash transfers screen) or its instruction reference			

# 2.3.1.9 CLM.U2A.009 - Process reverse overnight deposit

### Description:

To process a reverse overnight deposit, the user shall:

### Step 1 – Insert reverse overnight deposit

User reaches CLM screen *Liquidity* >> *New Liquidity Transfer*. In the screen displayed, the following fields are mandatory:

- Liquidity Transfer Account Information>> Debit Account >> Account number: to fill in with the cash account to be credited, the overnight deposit account of the MCA holder.
- Liquidity Transfer Account Information>> Credit Account >> Account number: to fill in with the cash account to be debited (MCA, RTGS DCA, T2S DCA or TIPS DCA).
- Amount: amount of the reverse overnight deposit.
- End to End ID: reference of the reverse overnight deposit that will be passed on in the end-to-end chain.

Once done, the user shall press the Submit button.

If the reverse overnight deposit has been inserted following the four-eyes principle, the second user shall go to screen *Administration>>Query Task Queue* > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant reverse overnight deposit > press the button Details. After validating the information, the second user

approves the reverse overnight deposit or rejects it in case any incoherence is spotted. If the reverse overnight deposit is rejected, the previous step has to be correctly repeated.

# Step 2 – Query reverse overnight deposit

To confirm that the reverse overnight deposit has been correctly settled, the user shall reach screen *Query Standing Facilities*, fill in the query the search criteria "Party BIC" with the BIC of the MCA holder and, in the list displayed, check that the reverse overnight deposit was settled.

## 2.3.1.10 CLM.U2A.010 - Process marginal lending on request

ID	CLM.U2A.010		
Name	Process marginal lending on request		
Applicable to	MCA holders with an marginal lending account		
Pre-conditions	User should have been granted roles: <ul> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>		
Test Evidence	Printscreen of the marginal lending (list of cash transfers screen) its instruction reference		

## Description:

To process a marginal lending account on request, the MCA holder shall:

# Step 1 – Insert marginal lending on request

Request a marginal lending via COLMS, Banco de Portugal's collateral management system;

# Step 2 – Query marginal lending on request

To confirm that the marginal lending has been correctly settled, the user shall reach screen CLM screen *Query Standing Facilities*, fill in the query the search criteria "party BIC" with the BIC of the MCA holder and, in the list displayed, check that the marginal lending was settled.

On the next business day, the user shall confirm the settlement of the the marginal lending reimbursement via the screen *Query Standing Facilities* and the processing of interest via the CLM screen *Cash Transfers and Messages >> Cash Transfers*.

ID	CLM.U2A.011
Name	Process Automatic marginal lending
Applicable to	MCA holders
Pre-conditions	User should have been granted the role AH CLM Reader
Test Evidence	Printscreen of the marginal lending (list of cash transfers screen) its instruction reference

## 2.3.1.11 CLM.U2A.011 - Process automatic marginal lending

## Description:

To process an automatic marginal lending account, the MCA holder shall:

Step 1 – Use intraday credit during the business day and do not reimburse it until the interbank cut-off;

**Step 2** – To confirm that the automatic marginal lending has been correctly settled, the user shall reach screen CLM screen *Query Standing Facilities*, fill in the query the search criteria "Party BIC" with the BIC of the MCA holder and, in the list displayed, check that the automatic marginal lending was settled;

[Hint: via the CLM screen the user can also confirm that the MCA balance was squared and that the credit line was decreased via the screen *Liquidity* >> *Query CLM cash account liquidity*]

**Step 3** – On the next business day, the user shall confirm the settlement of the the automatic marginal lending reimbursement via the screen *Query Standing Facilities* and the processing of interest via the CLM screen *Cash Transfers and Messages >> Cash Transfers*.

# 2.3.2 Application-to-Application (A2A)

2.3.2.1 CLM.A2A.00	1 -	Query available	liquidity
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ID	CLM.A2A.001
Name	Query available liquidity
Applicable to	MCA holders with A2A connection
Pre-conditions	A2A User should have been granted the role AH CLM Reader
Test Evidence	Copy of the sent camt.003 and the received camt.004

## Description:

To query the available liquidity via CLM in A2A mode, the participant shall:

- 1. Send a camt.003 GetAccount message;
- 2. Upon reception of the response, a camt.004 ReturnAccount, it shall be checked that it was correctly integrated in the internal applications.

### 2.3.2.2 CLM.A2A.002 - Process interbank payment

ID	CLM.A2A.002
Name	Process interbank payment
Applicable to	MCA holders with A2A connection
Pre-conditions	Request Banco de Portugal to send a pacs.009

# **Test Evidence** Copy of the received pacs.009 and camt.054

### **Description:**

To receive a pacs.009 - interbank payment, the following steps should be followed:

- 1. Request Banco de Portugal to send a pacs.009 to the participant, via the e-mail target@bportugal [Hint: participants should request Banco de Portugal to send a pacs.009 and a pacs.010 all at once];
- 2. Upon Banco de Portugal's confirmation that the payment was sent, the participant should confirm the reception and integration in the internal applications of a camt.054, informing about the credit.

## 2.3.2.3 CLM.A2A.003 - Process Direct debit from the Central Bank

ID	CLM.A2A.003
Name	Process direct debit from the Central Bank
Applicable to	MCA holders with A2A connection
Pre-conditions	Request Banco de Portugal to send a pacs.010
Test Evidence	Copy of the received pacs.010 and camt.054

# Description:

To receive a pacs.010 – Direct debit, the following steps should be followed:

- Request Banco de Portugal to send a pacs.010 to the participant, via the e-mail target@bportugal
   [Hint: participants should request Banco de Portugal to send a pacs.009 and a pacs.010 all at once];
- 2. Upon Banco de Portugal's confirmation that the payment was sent, the participant should confirm the reception and integration in the internal applications of a camt.054, informing about the debit.

2.3.2.4 CLM.A2A.004 - Send a liquidity transfer order from one MCA to another MCA

ID	CLM.A2A.004
Name	Process liquidity transfer order from one MCA to another MCA
Applicable to	MCA holders with A2A connection
Pre-conditions	A2A User should have been granted the role AH CLM Reader The two MCAs belong to the same liquidity transfer group
Test Evidence	Copy of the sent camt.050 and the received camt.025

# Description:

The following steps are required to process a liquidity transfer from a MCA to another MCA:
- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the MCA to be debited and tag Credit Account >> Account number is filled in with number of the MCA to be credited;
- 2. Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the MCA holder.

ID	CLM.A2A.005
Name	Process liquidity transfer order from one MCA to a RTGS DCA
Applicable to	MCA holders with A2A connection
Pre-conditions	<ul> <li>A2A User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.3.2.5 CLM.A2A.005 - Send a liquidity transfer order from one MCA to a RTGS DCA

# **Description:**

The following steps are required to process a liquidity transfer from a MCA to a RTGS DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the MCA to be debited and tag Credit Account >> Account number is filled in with number of the RTGS DCA to be credited;
- 2. Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the MCA holder.

ID	CLM.A2A.006
Name	Process liquidity transfer order from one MCA to a T2S DCA
Applicable to	MCA holders with A2A connection
Pre-conditions	<ul> <li>A2A User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.3.2.6 CLM.A2A.006 - Send a liquidity transfer order from one MCA to a T2S DCA

## **Description:**

The following steps are required to process a liquidity transfer from a MCA to a T2S DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the MCA to be debited and tag Credit Account >> Account number is filled in with number of the T2S DCA to be credited;
- 2. Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the MCA holder.

ID	CLM.A2A.007
Name	Process liquidity transfer order from one MCA to a TIPS DCA
Applicable to	MCA holders with A2A connection
Pre-conditions	<ul> <li>A2A User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.3.2.7 CLM.A2A.007 - Send a liquidity transfer order from one MCA to a TIPS DCA

# Description:

The following steps are required to process a liquidity transfer from a MCA to a TIPS DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the MCA to be debited and tag Credit Account >> Account number is filled in with number of the TIPS DCA to be credited;
- 2. Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the MCA holder.

ID	CLM.A2A.008
Name	Receive liquidity transfer order (from another MCA, a RTGS, T2S or a TIPS DCA)
Applicable to	MCA holders with A2A connection
Pre-conditions	A2A user and additional reference data configuration for A2A purposes must be in place
Test Evidence	Copy of the received camt.054

2.3.2.8 CLM.A2A.008 - Receive liquidity transfer order (from another MCA, a RTGS, T2S or TIPS DCA)

# Description:

To receive a liquidity transfer crediting the MCA and debiting another MCA, a RTGS, T2S or a TIPS DCA, the following steps should be followed:

- If the MCA holder has another MCA, RTGS, T2S or a TIPS DCA, can send a liquidity transfer from such account to the MCA. If not, it can request another participant (holding such type of accounts) or Banco de Portugal to send those liquidity transfers;
- 2. Upon confirmation that the liquidity transfer was sent, the participant should confirm the reception and integration in the internal applications of a camt.054, informing about the credit in the MCA.

ID	CLM.A2A.009
Name	Credit line management
Applicable to	MCA holders with A2A connection and a credit line
Pre-conditions	A2A User should have been granted the role AH CLM Reader The test is only applicable to MCA holders with Credit Line, i.e., in Party Service Link for Service CLM, the Intraday credit Indicator = Yes. Furhermore, the MCA holder has to have a MCA where flag MCA default = Yes The MCA holder has subscribed the reception of messages camt.054 - BankToCustomerDebitCreditNotification
Test Evidence	Copy of the received camt.054

# 2.3.2.9 CLM.A2A.009 - Credit line management

## Description:

To increase/decrease and verify the increase of the credit line in A2A mode, the MCA holder shall:

**Step 1** – Request a increase/decrease of the intraday credit line via the screens of COLMS, Banco de Portuga's collateral management system;

**Step 2** – In case of a credit line increased/decreased, the participant shall confirm the reception and integration in the internal applications of a camt.054 - BankToCustomerDebitCreditNotification, informing about the credit line increase/decrease.

ID	CLM.A2A.010
Name	Process overnight deposit
Applicable to	MCA holders with A2A connection and an overnight deposit account
Pre-conditions	<ul> <li>A2A User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> <li>The MCA holder has subscribed the reception of messages camt.054 - BankToCustomerDebitCreditNotification</li> </ul>
Test Evidence	Copy of the sent camt.050 and the received camt.054

## 2.3.2.10 CLM.A2A.010 - Process overnight deposit

To process an overnight deposit in A2A mode, the participant shall:

Step 1 – Send a camt.050 to debit the MCA and credit the overnight deposit account;

**Step 2** – Upon reception of a camt.054 – BankToCustomerDebitCreditNotification, notifying about the debit in the MCA, it shall be checked that it was correctly integrated in the internal applications;

**Step 3** – On the next business day, the participant shall receive a camt.054 – BankToCustomerDebitCredit-Notification confirming the credit in the MCA steaming from the settlement of the the overnight deposit reimbursement as well as the camt.054 - BankToCustomerDebitCreditNotification related with the processing of interest.

# 2.3.2.11 CLM.A2A.011 - Process reverse overnight deposit

ID	CLM.A2A.011
Name	Process reverse overnight deposit
Applicable to	MCA holders with an overnight deposit account
Pre-conditions	<ul> <li>A2A User should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> <li>The MCA holder has subscribed the reception of messages camt.054 - BankToCustomerDebitCreditNotification</li> </ul>
Test Evidence	Copy of the sent camt.050 and the received camt.054

## Description:

To process a reverse overnight deposit in A2A mode, the participant shall:

Step 1 – Send a camt.050 to debit the overnight deposit account and credit the MCA;

 ${\small Step 2-} Upon \ reception \ of \ a \ camt. 054-Bank To Customer \ De \ bit Credit Notification, notifying \ about \ the \ credit \ Notification \ about \ the \ credit \ Notification \ about \ the \ credit \ Notification \ about \ abo$ 

in the MCA, it shall be checked that it was correctly integrated in the internal applications.

## 2.3.2.12 CLM.A2A.012 - Process marginal lending on request

ID	CLM.A2A.012
Name	Process marginal lending on request
Applicable to	MCA holders with an marginal lending account
Pre-conditions	<ul> <li>A2A user should have been granted the roles:</li> <li>AH CLM Reader</li> <li>AH CLM Manager</li> </ul>

	The MCA holder has subscribed the reception of messages camt.054 - BankToCustomerDebitCreditNotification
Test Evidence	Copy of the received camt.054

To process a marginal lending on request in A2A mode, the participant shall:

Step 1 – Request a marginal lending via COLMS, Banco de Portugal's collateral management system;

**Step 2** – Upon reception of a camt.054 – BankToCustomerDebitCreditNotification, notifying about the credit in the MCA, it shall be checked that it was correctly integrated in the internal applications;

**Step 3** – On the next business day, the participant shall receive a camt.054 - BankToCustomerDebitCreditNotification confirming the debit in the MCA steaming from the settlement of the the marginal lending reimbursement as well as the camt.054 - BankToCustomerDebitCreditNotification related with the processing of interest.

ID	CLM.A2A.013
Name	Process automatic marginal lending
Applicable to	MCA holders
Pre-conditions	The MCA holder has subscribed the reception of messages camt.054 - BankToCustomerDebitCreditNotification
Test Evidence	Copy of the received camt.054

## 2.3.2.13 CLM.A2A.013 - Process automatic marginal lending

#### Description:

To process an automatic marginal lending account in A2A mode, the MCA holder shall:

**Step 1** – Use intraday credit during the business day and do not reimburse it until the interbank cut-off. To create the conditions that justify the need to contract an automitic marginal lending operation, the participant cannot hold liquidity in the other TARGET services (RTGS, T2S and TIPS) that would conpensate for the intraday credit use, because if that's the case the Party wouldn't absolutely need additional liquidity to complete the business day;

**Step 2** – Upon reception of a camt.054 – BankToCustomerDebitCreditNotification, notifying about the credit in the MCA, it shall be checked that it was correctly integrated in the internal applications;

**Step 3** – On the next business day, the participant shall receive a camt.054 - BankToCustomerDebitCreditNotification confirming the debit in the MCA steaming from the settlement of the the marginal lending reimbursement as well as the camt.054 - BankToCustomerDebitCreditNotification related with the processing of interest.

ID	CLM.A2A.014
Name	Process CLM Statement of Accounts
Applicable to	MCA holders with A2A connection
Pre-conditions	MCA holder has subscribed the reception of camt.053 for the MCA
Test Evidence	Copy of the received camt.053

## 2.3.2.14 CLM.A2A.014 - Process CLM Statement of Accounts

### Description:

To test the processing of a camt.053 - CLM Statement of accounts for a MCA, the participant shall verify the correct reception of the camt.053 and confirm that it was correctly integrated in the internal applications.

ID	CLM.A2A.015
Name	Query transactions
Applicable to	MCA holders with A2A connection
Pre-conditions	A2A User should have been granted role: AH CLM Reader
Test Evidence	Copy of the sent camt.005 and the received camt.006

#### 2.3.2.15 CLM.A2A.015 - Query transactions

## Descritption:

To query the transactions via CLM in A2A mode, the participant shall:

- 1. Send a camt.005 GetTransactions message;
- 2. Upon reception of the response, a camt.006 ReturnTransaction, it shall be checked that it was correctly integrated in the internal applications.

ID	CLM.A2A.016	
Name Query balances		
Applicable to MCA holders with A2A connection		
Pre-conditions A2A User should have been granted role: AH CLM Reader		
Test Evidence	Copy of the sent camt.003 and the received camt.004	

#### 2.3.2.16 CLM.A2A.016 - Query balances

## **Description:**

To query the balances via CLM in A2A mode, the participant shall:

1. Send a camt.003 - GetAccount message;

2. Upon reception of the response, a camt.004 - ReturnAccount, it shall be checked that it was correctly integrated in the internal applications.

# 2.4 RTGS - Real-Time Gross Settlement

# 2.4.1 User-to-Application (U2A)

# 2.4.1.1 RTGS.U2A.001 - RTGS access

ID	RTGS.U2A.001
Name	RTGS access
Applicable to RTGS DCA Account holder; Ancillary systems	
Pre-conditions User should have been granted the role AH ESMIG Access	
Test Evidence	Printscreen of the RTGS homepage

# Description:

User should access the ESMIG landing page > select the service "T2" in the services area > Select "RTGS" in the component or application area > select the respective system user reference in the "system user" area > press the Submit button.

Choos	e an Ap	plication and your System User	Reference
oose a Service			
) 🌣 TIPS		<b>⊠ ‡</b> T2	
noose Component or Application		Choose a System User 🎝	Search for user
🗋 😐 Business Day Management	^		24
			24
🗋 🗖 Data Warehouse			
	~		

Once done, the user will be redirected to RTGS.

## 2.4.1.2 RTGS.U2A.002 - Process customer payment - pacs.008

ID	RTGS.U2A.002
----	--------------

Name	Process customer payment - pacs.008		
Applicable to	RTGS DCA account holder		
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Customer CT U2A 4E</li> <li>AH RTGS Reader 2E</li> </ul>		
Test Evidence	Printscreen of the sent customer payment (cash transfer details screen) or its instruction reference		

## Step 1 – Send Customer Payment - pacs.008

- 1. Click on the menu button;
- 2. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Customer Credit Transfer";

Construction       Real Time Gross Settlement         EXTERNAL ACCEPTA       Business Day 2021-08-20					
Welcome New Customer Credit Transfer					
Cash Transfers and Messages	Query Cash Transfers				
Liquidity	Query Messages				
Liquidity Management Features	Query Business Cases				
Ancillary System	Query Account Postings				
Reference Data	New Customer Credit Transfer				
Administration <b>•</b>	New Financial Institution Credit Transfer				
Monitoring	New Payment Return				
	Upload A2A File or Message				

3. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) – this field requires the user to enter the BIC of the debited party;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "FI To FI Customer Credit Transfer". These include "Instructing Agent", "Debtor", "Debtor Agent", "Instructed Agent", "Creditor", "Creditor Agent", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

**Debtor** » It is mandatory to fill the section **"Debtor ID"**. So, the "Debtor ID" section must be filled with the data of the debtor (Name, Country, etc). Under the section "Debtor" the user has the sub-

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section "Debtor Account ID" where could insert additional information about the debtor like the IBAN.

**Debtor Agent** » It is mandatory to fill the sub-section "**Debtor Agent Financial Institution ID**" and "**Debtor Agent Account**". So, in the "Debtor Agent Financial Institution ID" the user must fill the BICFI field which requires the user to enter the BIC of the debtor agent, i.e. the BIC of the account to be debited. In the "Debtor Agent Account" sub-section, the user must fill in the IBAN field with the account of the debtor.

**Instructed Agent » BICFI** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

**Creditor** » **Creditor** ID » this sub-section requires the user to enter aditional information of the account that is to be credited in RTGS;

**Creditor Agent** » It is mandatory to fill the sub-section **"Creditor Agent Financial Institution ID"** and **"Creditor Agent Account"**. So, in the sub-section "Creditor Agent Financial Institution ID" the user must fill the BICFI field which requires the user to enter the BIC of the creditor agent, i.e. the BIC of the account to be credited. In the "Creditor Agent Account" sub-section, the user must fill in the IBAN field with th account of the creditor;

#### Interbank Settlement:

Interbank Settlement **Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

Interbank Settlement **Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

## Payment ID:

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

+ Business Application Header*
- FI To FI Customer Credit Transfer*
- Credit Transfer Transaction Information*
<ul> <li>Instructing Agent*</li> </ul>
BICFI* LEI
+ Debtor*
+ Debtor Agent*
+ Instructed Agent*
+ Creditor*
+ Creditor Agent*
+ Interbank Settlement*
+ Payment ID*
+ Settlement Time Request
+ Charges
+ Instructed Amount and Exchange Rate
+ Payment Type Information
ruihose
Submit         Reset         Display Errors         Collapse All         Expand All

5. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task withID : ######" and the user must click on the "Yes" button.

## Step 2 – Receive customer payment - pacs.008

In order to perform this test step, the participants should contact a counterpart to request them to send a Customer Credit Transfer (pacs.008). After that, the user must Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers" to validate if they receive the payment accordingly.

# Step 3 – Query customer payment - pacs.008

Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers".

Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button.

The "Cash Transfers – List Screen" opens. The list shows all cash transfers matching the entered search criteria. In order to view the details of a specific cash transfer, the user must do a right-click on it and select the context menu entry "Details".

≡ ⊻	Detail: Query Ca	s of Cash Tra sh Transfers > List o	i <b>nsfer</b> of Cash Transfers											?	\$	ወ
- Corresponding Ca	sh Transfer															
Queue Position	Priority	Instruction ID	End to End ID	Messa	ge Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Tim	estamp	Settlement Timestamp	Entry Timestamp		
	Normal	PACS008	PAC S008	Custom	ner Credit Transfer(Pacs.006)	BGALFTTGXXX	BGALPTTGDET	100.00	EUR Settled				2021-09-01 17:29:51 CEST	2021-09-01	17:29:51 CES	r -
General																
Queue Position					Priority				Amount			Value D	ate			
					Normal				100.00 EUR			2021-0	19-01			
Cash Transfer Status					Cash Transfer Type				Message Type			Counter	party Country			
Settled					Payment				Customer Credit Transfer(Pa	ics.008)		PT				
Account and Party Info	ormation															
Debit Account					Debit Account Type				Credit Account			Crecit A	iccount Type			
BGALPTTGXXX					RTGS CB Account				BGALPTTGDET			RTGS C	18 Account			
From BIC (BAH)					To BIC (BAH)											
BGALPTTGXXX				BGALFTTGDET												
Identifier																
Instruction ID					End to End ID				Business Case ID			Clearing	system Reference			
P4C5018					PACS008				33119			11244				
UETR					Original UETR				AS Batch Message Reference							
d1178207-9711-403f-b	xeea-afcid90	1877cbd														
Timing																
Earliest Debit Timestamp	p				Latest Debit Timestamp				Settlement Timestamp			Entry Ti	mestamp			
						2021-09-01 17:29:51 CEST			2021-0	09-01 17:29:51 CEST						
AS Information																
AS-Debtor					AS-Creditor				AS-Counterparty			AS Setti	ement Procedure			
AS-Party BIC					Responsible Central Bank of A	5										

## 2.4.1.3 RTGS.U2A.003 - Process interbank payment - pacs.009

ID	RTGS.U2A.003			
Name	Process interbank payment - pacs.009			
Applicable to	RTGS DCA Account holder			
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Inter-bank CT U2A 4E</li> <li>AH RTGS Reader 2E</li> </ul>			
Test Evidence	Printscreen of the sent interbank payment (cash transfer details screen) or its instruction reference			

# Description:

# Step 1 – Insert interbank payment - pacs.009

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2	Real Time Gros	S Settlement A   Business Day 2021-09-01
Uuery Cash Tra	nsfers > List of Cash Transfers > Deta	ils of Cash Transfer
Cash Transfers and Messages	•	Query Cash Transfers
Liquidity	•	Query Messages
Liquidity Management Features	►	Query Business Cases
Ancillary System	•	Query Account Postings
Reference Data	•	New Customer Credit Transfer
Administration	•	New Financial Institution Credit Transfer
Monitoring	►	New Payment Return
		Upload A2A File or Message

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

#### Interbank Settlement:

Interbank Settlement **Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

Interbank Settlement **Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The

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instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

E New Financial Institution Credit Transfer
A Duringer Application Undert
FinancialInstitution Credit Transfer*
Credit Transfer Transaction Information*
+ Instructing Agent*
+ Debtor*
+ Debtor Agent
+ Instructed Agent*
+ Creditor*
+ Creditor Agent
+ Interbank Settlement*
+ Payment ID*
+ Settlement Time Request
+ Payment Type Information
+ Remittance Information
+ Previous Instructing Agents
+ Intermediary Agents
Submit Reset Display Errors Collapse All Expand All

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

#### Step 2 – Receive interbank payment - pacs.009

In order to perform this test step, the participants should contact a counterpart to request them to send a Financial Institution Transfer (pacs.009). After that, the user must Select the main menu entry "Cash Transfers

and Messages" and click on the sub-menu entry "Query Cash Transfers" to validate if they receive the payment accordingly.

## Step 3 – Query interbank payment - pacs.009

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria. In order to view the details of a specific cash transfer, the user must do a right-click on it and select the context menu entry "Details".



## 2.4.1.4 RTGS.U2A.004 - Process payment recall - pacs.004

ID	RTGS.U2A.004
Name	Process payment recall – pacs.004
Applicable to	RTGS DCA Account holder
Pre-conditions	User should have been granted the role PB Role - AH RTGS Reader 2E
Test Evidence	Printscreen of the sent payment recall (cash transfer details screen) or its instruction reference

## **Description:**

## Step 1 - Send payment recall – pacs.004

This test step describes how to send a new payment return.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Payment Return";

Carget       T2       Real Time Gross Settlement         EXTERNAL ACCEPTA         Business Day 2021-10-21			
Welcome Not implemented yet			
Cash Transfers and Messages	►	Query Cash Transfers	
Liquidity	►	Query Messages	
Liquidity Management Features	►	Query Business Cases	
Ancillary System	•	Query Account Postings	
Reference Data	►	New Customer Credit Transfer	
Administration	►	New Financial Institution Credit Transfer	
Monitoring	►	New Payment Return	
		Upload A2A File or Message	

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Payment Return". These include "Instructing Agent", "Instructed Agent", "Original Message Information", "Original Interbank Settlement", Interbank Settlement" and "Return Reason Information":

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited (fill in the BIC that will make the return);

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS (fill in the BIC that will receive the return);

## **Original Message Information:**

**Original Message ID:** you must fill in with the information that is in the **BizMsgldr** tag of the XML message to be returned. You can check this information using the "Display Message" feature when you look at the details of a transaction in the Query Cash Transfers menu.

**Original Message Name ID:** you must fill in with the information that is in the **MsgDefldr** tag of the XML message to be returned. You can check this information using the "Display Message" feature when you look at the details of a transaction in the Query Cash Transfers menu.

**Original Instruction ID:** you must fill in with the information that is in the **InstrId** tag of the XML message to be returned. You can check this information using the "Display Message" feature when you look at the details of a transaction in the Query Cash Transfers menu.

Hint: You can use the Ctrl+F command to search for the tag.

## **Original Interbank Settlement:**

# Original Interbank Settlement Amount - fill in the amount of the original message;

Original Interbank Settlement Date - fill in the date of the original message.

Interbank Settlement:

Returned Interbank Settlement – fill in the amount to return;

Interbank Settlement Date – fill in the date on which the settlement is to take place.

## **Return Reason Information:**

**Reason Code:** you must check the codes in the <u>External code sets - ISO20022</u> file on sheet "13-ReturnReason".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

#### Step 2 – Receive payment recall - pacs.004

In order to perform this test step, the participants should contact a counterpart to request them to send a Payment Return (pacs.004). After that, the user must Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers" to validate if they receive the payment accordingly.

#### Step 3 – Query customer payment - pacs.004

This test step describes how to query a payment return (pacs.004).

- 1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed, i.e. the user must click on the field "Message Type" and select the option "Payment Return (Pacs.004)" and then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.



The user can select the cash transfers order and with a right-click select the option "Details" to access more detailed information about the payment.

ID	RTGS.U2A.005		
Name	Process liquidity transfer order between RTGS DCAs		
Applicable to	RTGS DCA Account holder		
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Liquidity Transfer Manager 4E</li> <li>AH RTGS Reader 2E</li> </ul>		
Test Evidence	Printscreen of the liquidity transfer (cash transfer details screen) or its instruction reference		

## 2.4.1.5 RTGS.U2A.005 - Process liquidity transfer order between RTGS DCAs

## Description:

# Step 1 – Insert liquidity transfer order - Between RTGS DCAs

- 1. Select the main menu entry "Liquidity" and click on the sub-menu entry "New Liquidity Transfer";
- 2. Enter the RTGS account number of the debit account and the credit account respectively;

The user can enter the debit account number manually or search for it by clicking on the smart-select button and fill, for example, the field Party BIC and then click on the "Submit" button. It will be displayed the list of RTGS cash accounts which the user can choose.

	Liquidity Transfer	
Liqu	idity Transfer Account Information	
De	ebit Account	Credit Account
Debit Account	: Number	
- Search Criteria	1	
- General		
Party BIC	C (wildcards allowed)	Party Long Name (wildcards allowed)
BGALP	TTGXXX	
Account	Number	Account BIC
Assount	Turce	
3 i	items selected	
Liquidity	/ Transfer Group	
	_	
+ Output	Parameters	
Submit Rese	et	

Clicking on "Display Liquidity" button opens additional information, such as the current balance of the corresponding account.

3. Enter the amount of funds that is to be transferred between the RTGS DCAs;

4. Enter the End to End ID reference which identify the liquidity transfer order;

💳 🤝 New Liquidity Transfer	
Liquidity Transfer Account Information	
Debit Account	Credit Account
Account Number*	Account Number*
RPTEURBGALPTTGXXX0001001	RPTEURBGALPTTGPBA0001001
Display Liquidity	Display Liquidity
Liquidity Transfer Details	wington wingtowing
Amount"	End To End ID*
500 EUR	RTGS DCAs
Submit Reset	

5. Click on the "Submit" Button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

ID	RTGS.U2A.006
Name	Send a liquidity transfer from RTGS account to a MCA
Applicable to:	RTGS DCA Account holder
Pre-conditions:	PB Role - AH RTGS Liquidity Transfer Manager 4E; AH RTGS Reader 2E
Test Evidence:	Printscreen of the liquidity transfer order between a RTGS DCA and a MCA with status "Settled"

2.4.1.6 RTGS.U2A.006 - Send a liquidity transfer from RTGS DCA to a MCA

## Description:

## Step 1 – Insert liquidity transfer order – Between RTGS DCA and MCA

1. Select the main menu entry "Liquidity" and click on the sub-menu entry "New Liquidity Transfer";

2. Enter the RTGS account number of the debit account and the MCA account number of the credit account respectively (the liquidity transfer needs to be between a RTGS DCA and MCA);

The user can enter the debit account number manually or search for it by clicking on the smartselect button and fill, for example, the field Party BIC and then click on the "Submit" button. It will be displayed the list of cash accounts which the user can choose.

- 3. Enter the amount that is to be transferred between the RTGS DCA and MCA;
- 4. Enter the End to End ID reference which identify the liquidity transfer order;

	• · · · · · · · · · · · · · · · · · · ·			
	ty fransier			
Liquidity Tran	sfer Account Information			
Debit Accou	int	Cr	redit Account	
Account Nu	nber*	Ac	count Number*	
RPTEURBG	ALPTTGXXX0001001	Q N	MPTEURBGALPTTGPBA0001001	۹
	Display Liquidity		Display Liquidity	
Liquidity Tr	ansfer Details		ensensy enquirency	
Amount*		End	d To End ID*	
		EUR		
Submit Reset				

5. Click on the "Submit" Button.

The second user will then go to Administration >> Query Task Queue >> Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

ID	RTGS.U2A.007
Name	Send a liquidity transfer from RTGS DCA to a T2S DCA
Applicable to:	RTGS DCA Account holder
Pre-conditions:	<ul> <li>User should have been granted roles:</li> <li>AH RTGS Liquidity Transfer Manager 4E</li> <li>AH RTGS Reader 2E</li> </ul>

2.4.1.7	RTGS.U2A.007	<ul> <li>Send a liquidity</li> </ul>	transfer from	<b>RTGS DCA to a</b>	T2S DCA
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#### **Description:**

Step 1 – Insert liquidity transfer order - Between RTGS DCA and T2S DCA

- 1. Select the main menu entry "Liquidity" and click on the sub-menu entry "New Liquidity Transfer";
- 2. Enter the RTGS account number of the debit account and the T2S account number of the credit account respectively (the liquidity transfer needs to be between a RTGS DCA and T2S DCA); The user can enter the debit account number manually or search for it by clicking on the smart-select button and fill, for example, the field Party BIC and then click on the "Submit" button. It will be displayed the list of cash accounts which the user can choose.
- 3. Enter the amount that is to be transferred between the RTGS DCA and T2S DCA;
- 4. Enter the End to End ID reference which identify the liquidity transfer order;

	New Liquidity Transfer	
	Liquidity Transfer Account Information	
	Debit Account	Credit Account
	Account Number*	Account Number*
	RPTEURBGALPTTGXXX0001001	CPTEURBGALPTTGXXX0001AC002
	Display Liquidity	Display Liquidity
	Liquidity Transfer Details	
	Amount*	End To End ID*
	EU	JR
Submit Reset		

5. Click on the "Submit" Button.

The second user will then go to Administration >> Query Task Queue >> Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

ID	RTGS.U2A.008	
Name	Send a liquidity transfer from RTGS DCA to a TIPS DCA	
Applicable to:	RTGS DCA Account holder	
Pre-conditions:	<ul> <li>User should have been granted roles:</li> <li>AH RTGS Liquidity Transfer Manager 4E;</li> <li>AH RTGS Reader 2E</li> </ul>	

2.4.1.8 RTGS.U	U2A.008 - Send a	liquidity	y transfer from	<b>RTGS DCA</b>	to a TIPS DCA
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## Step 1 – Insert liquidity transfer order - Between RTGS DCA and TIPS DCA

- 1. Select the main menu entry "Liquidity" and click on the sub-menu entry "New Liquidity Transfer";
- 2. Enter the RTGS account number of the debit account and the TIPS account number of the credit account respectively (the liquidity transfer needs to be between a RTGS DCA and TIPS DCA);

The user can enter the debit account number manually or search for it by clicking on the smartselect button and fill, for example, the field Party BIC and then click on the "Submit" button. It will be displayed the list of cash accounts which the user can choose.

- 3. Enter the amount that is to be transferred between the RTGS DCA and TIPS DCA;
- 4. Enter the End to End ID reference which identify the liquidity transfer order;

E New Liquidity Transfer	
Liquidity Transfer Account Information	
Debit Account	Credit Account
Account Number*	Account Number*
RPTEURBGALPTTGXXX0001001	IPTEURBAIPPTPLXXXTACC0008001
Display Liquidity	Display Liquidity
Liquidity Transfer Details	
Amount"	IR
Submit Reset	

5. Click on the "Submit" button.

The second user will then go to Administration >> Query Task Queue >> Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

ID	RTGS.U2A.009
Name	Receive liquidity transfer order (from a MCA, RTGS , T2S or TIPS DCA)
Applicable to:	RTGS DCA Account holder

2.4.1.9 I	RTGS.U2A.009 -	<b>Receive li</b>	quidity	v transfer	order	(from	a MCA	, RTGS	, T2S or	TIPS DO	(A:
-----------	----------------	-------------------	---------	------------	-------	-------	-------	--------	----------	---------	-----

Pre-conditions Test Evidence:	User should have been granted roles:
Pre-conditions:	AH RTGS Liquidity Transfer Manager 4E
	AH RTGS Reader 2E
Test Evidence:	Printscreen of the received liquidity transfer order

# Step 1 – Query sent/received liquidity transfer orders

 Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";

target T2	Real Time Gros	s Settlement A   Business Day 2021-09-02
Welcome Query Cash Tran	isfers	
Cash Transfers and Messages	•	Query Cash Transfers
Liquidity	•	Query Messages
Liquidity Management Features	•	Query Business Cases
Ancillary System	•	Query Account Postings
Reference Data	•	New Customer Credit Transfer
Administration	•	New Financial Institution Credit Transfer
Monitoring	•	New Payment Return
		Upload A2A File or Message

- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The list of cash transfers opens. The list shows all cash transfers matching the entered search criteria. In order to view the details of a liquidity transfer order, the user must do a right-click on it and select the context menu entry "Details".

≡ ⊠	Details of Cash Tr Query Cash Transfers > List	ransfer t of Cash Transfers										?	٠	Q
- Corresponding Ca	ash Transfer													
Queue Position	Priority Instruction ID	End to End ID	Message Ty	ype Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit	limestamp	Settlement Timestamp	Entry Time	stamp	
	Urgent	RTGS-LT		RPTEUROGALPTTGXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	RPTEUROGALPTTGPBAD001001	500.00 EL	JR. Settled				2021-09-02 09:08:47 CEST	2021-09-02	09:08:47 CEST	
General														
Queue Position				Priority		Amou	nt.			Value Date				
(				Urgent		500.0	0 EUR			2021-09	02			
Cash Transfer Status				Cash Transfer Type		Messa	ge Type			Counterpa	erty Country			
Settled				Liquidity Transfer						PT				
Account and Party Inf	formation													
Debit Account			0	Debit Account Type		Credit	Account			Credit Acc	ount Type			
RPTEURBOAL PTTOXOO	(0001001			RTGS CR Account		RPTE	URBOAL PTTOPBA0001001			RTOS DO	A.			
From BIC (6AH)				To BIC (BAH)										
Identifier														
Instruction ID				End to End ID		Busine	ss Case ID			Clearing S	ystem Reference			
				RTGS-ET		3363	5			11411				
UETR				Driginal UETR		AS Bat	ch Message Reference							
Timing														
Earliest Debit Timestam	φ.			atest Debit Timestamp		Settler	nent Timestamp			Entry Time	istamp			
						2021	09-02.09:08:47 CEST			2021-09	02 09:06:47 CEST			
AS Information														
AS-Debtor			,	45-Creditor		AS-Co	unterparty			AS Settlen	tent Procedure			
AS-Party BIC				Responsible Central Bank of AS		_								
						_								

2.4.1.10 RTGS.U2A.010 - Rule based liquidity transfer - Queued AS payments

Name	Rule based liquidity transfer – Queued Anciliary System payments
Applicable to	Ancillary System
Pre-conditions	To perform this test it is necessary to create rules based on liquidity transfers to reach the floor amount on CRDM (before running this test the user must perform configurations in CRDM. The user must define the account threshold configurations for the RTGS account)
Test Evidence	Printscreen of the AS file with the status queued and later with the status settled (cash transfer details screen)

# Step 1 – Send AS file with payments for which there is not enough liquidity

The user must ensure that the payments amounts present into the AS file are greater than the amount available in the RTGS account so that the AS file remains in the "Queue" status. To insert an A2A file the user must select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Upload A2A File or Message".

target   T2 Real Time Gros	A   Business Day 2021-11-02
E 🖂 Welcome	
Cash Transfers and Messages	Query Cash Transfers
Liquidity	Query Messages
Liquidity Management Features	Query Business Cases
Ancillary System	Query Account Postings
Reference Data	New Customer Credit Transfer
Administration	New Financial Institution Credit Transfer
Monitoring	New Payment Return
	Upload A2A File or Message

After loading the AS file, the user must go to the main menu entry "Anciliary System" and click on the submenu entry "Query AS batches" and verify that the file loaded assumes the status "Queued".

E 🜌 List Que	AS Batches									☆ ?	٠
Search Critteria											
Real Provider											
Had of AN Building											
AS Party BIC	Businero Case 10	As Butch Message Reference	Breaturg	Settlement Procedure	Payment Scheme	Start of Settlement Period	End of Settlement Period	AS Eartch Statun	Group Status	Countinpart	45
2992067971	347	321	2019-03-15 08:11:11 CEST	Procedure A	REP	2019-03-15 11:11:11 CEST	2019-02-15 16:11:11 CEST	Queued	PART		
ZYXZDEFFPT1	126	432	2019-03-15 0ir11:12 C057	Procedure A		2019-03-17 09:00:00 CEST	2011-03-17 13:00:00 CEST	Rejected At Group Level	RICT		
29X20879711	765	50	2019-03-15 08 11:13 CEST	Procedure E	127			Accounting Processed	ASCS		
29XZDEFFPT1	654	654	2019-03-15 08:11:14 CEST	Procedure B	REP.			Accounting Processed	ASCS		
20020611711	540	765	2019-03-15-08 11:15-CEST	Procedure C	005	2019-03-15 09:11:15 CEST	2019-03-15 M 11:15 CEST	Queued	PART	20X/CETIPT.	1 3
20X206FFT1	432	876	2019-03-15 08:11:16 CEST	Procedure C	987	2019-03-15 10/11/16-CEST	2019-03-15 1411:16 CEST	Accounting Processed	ASCS		
2932067971	171	544	2019-03-15 08:11:17 (251	Procedure E		2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 CEST	Queued	PART .		
29X2DEFF9T1	321	987	2019-03-15-08 11/18 CEST	ProceduleD	005			Accounting Processed	ASCS	ZOCOLIFIC	1
21X20EFFPT1	288	145	2019-03-15 08:11:18 CEST	Procedure E		2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 CEST	Stopped due to Blocking			
2992007971	776	100	2019-03-15-08-11:18-CRST	Procedure A	NP	2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 CEST	Stopped due to Blocking			
2992007771	800	192	2019-03-15-08:11:18-CEST	Procedure B	162	2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 CEST	Stopped due to Blocking			
ZYXZDEFFPT1	25	127	2019-03-15 OIL11138-CEST	Procedure C	005	2019-03-15 11:11:17 CEST	2019-03-15 15/11/17 CEST	Stopped due to Blocking		ZYXZDEFFPT	
29XZDEFFPT1	333	898	2019-03-15 08:11:18 CEST	Procedure D	005	2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 CEST	Stopped due to Blocking		2YX2DEHIPT	1
2992000001	177	547	2019-03-15 08-11-18 CEST	Procedure A	HE?	2019-03-15 11:11:17 CEST	2019-03-15 15:11:17 COST	Rejected At Group Level	REA		
	Results 1 to 14 of 14										

Step 2 - Verify that there is rule bases liquidity transfer from the default MCA

As the AS file entered have some payments greater than the amount available in the RTGS account for this participant, the AS file should assume the status "Queued". However, as liquidity rules for AS payments have been defined in the CRDM, the payment is automatically settled due to an automatic liquidity transfer sent by the CLM from the participant's MCA account with the missing amount for the payment to settle.

- 1. Select the main menuentry ""Anciliary System" and click on the sub-menu entry "Query AS batches";
- 2. Enter the relevant attribute values on search criteria about the AS file that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

The user verifies that the AS file entered in step 1 is in the "Settled" status.

To verify that a liquidity transfer has occurred with the missing amount necessary to settle the payment, the user must:

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.

ID	RTGS.U2A.011
Name	Rule-based liquidity transfer – Floor threshold amount
Applicable to	RTGS DCA Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Reader 2E</li> <li>AH RTGS Inter-bank CT U2A 4E</li> <li>To perform this test it is necessary to create rules based on liquidity transfers to reach the floor amount on CRDM (before running this test the user must perform configurations in CRDM. The user must define the account threshold configurations for the RTGS account)</li> </ul>
Test Evidence	Printscreen of the payment and the liquidity transfer order (cash transfer details screen)

#### 2.4.1.11 RTGS.U2A.011 - Rule based liquidity transfers – Floor breach

## Description:

## Step 1 – Insert a payment debiting the RTGS DCA in order to reach the floor amount

Before entering the payment, the user must verify which amount is defined for the floor threshold amount. To do that the user must:

1. Select the main menu entry "Liquidity" and click on the sub-menu entry "Query RTGS Cash Account Liquidity";

98

2. The user must enter the account number or the account BIC of the account whose liquidity is to be displayed and click on the "Submit" button;

≡	Query RTGS Cash Account Liquidity	
- Search	Criteria	
- (	Seneral*	
1	Account Number	Account BIC
	Q	Q.
	<u>م</u>	۹۹

The "RTGS Cash Account Liquidity – Display Screen" opens, displaying the liquidity of the account.
 At the bottom of the page, the user finds the value defined as the floor threshold amount.

= 2	Display RTGS Cash Account Liquidity Guery RTGS Cash Account Liquidity			☆	?	*
Settled Car	ah Transfers		Total Sub-Account Liquidity			
<ul> <li>Sett</li> </ul>	led Debit Liquidity Transfers	0.00 EUR	Total RTGS Liquidity			
<ul> <li>Sett</li> </ul>	led Credit Liquidity Transfers	0.00 EUR	Sub-Account(c)			
<ul> <li>Sett</li> </ul>	ed Debit Payments and AS Transfers	0.00 EUR	No Entries found.			
<ul> <li>Sett</li> </ul>	ed Credit Payments and AS Transfers	0.00 EUR				
Cun	rent Balance					
Queued Ca	sh Transfers					
+ Que	ued Debit Liquidity Transfers	0.00 EUR				
<ul> <li>Que</li> </ul>	ued Debit Payments and AS Transfers	0.00 EUR				
<ul> <li>Que</li> </ul>	ued Credit Payments and AS Transfers	0.00 EUR				
Earmarked	Cash Transfers					
<ul> <li>Earn</li> </ul>	narked Debit Cash Transfers	0.00 EUR				
<ul> <li>Earn</li> </ul>	narked Credit Cash Transfers	0.00 EUR				
Proj	ected Liquidity	-				
Reservatio	ni					
Urge	ent	0.00 EUR				
High	1	0.00 EUR				
Pending R	eservations					
Urgi	int	0.00 EUR				
High	1	0.00 EUR				
Floor/Ceili	ng Information					
Floo	r Threshold	EUR				
Cell	ng Threshold	EUR				

After the previous steps, the user must enter a payment to debit the account so that the amount available in the RTGS account is lower than the floor threshold amount.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2 Real Time C EXTERNAL AC		Real Time Gros	S Settlement A   Business Day 2021-09-01	
≡	Welcon Query Cash	<b>Ne</b> Transfers > List of Cash Transfers > Deta	sfers > List of Cash Transfers > Details of Cash Transfer	
Cash Tran	sfers and Messages	•	Query Cash Transfers	
Liquidity		•	Query Messages	
Liquidity	Management Features	•	Query Business Cases	
Ancillary	System	•	Query Account Postings	
Reference	Data	•	New Customer Credit Transfer	
Administr	ation	•	New Financial Institution Credit Transfer	
Monitorin	g	•	New Payment Return	
			Upload A2A File or Message	

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI – this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

# Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The

instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 2 – Verify that there is rule based liquidity transfer from the default MCA

As the payment amount entered in step 1 makes the available liquidity in the RTGS account below the Floor threshold, a liquidity transfer from the MCA account in CLM is automatically sent to credit the RTGS account with the difference of the value to refund the minimum target amount on the RTGS account.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.

The user verifies that the payment entered in step 1 is in the "Settled" status and that a liquidity transfer has occurred with the missing amount necessary to refund the target amount on the RTGS account.

ID	RTGS.U2A.012		
Name Rule-based liquidity transfer - Ceiling threshold amount			
Applicable to	RTGS DCA Account holder		
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Reader 2E</li> <li>AH RTGS Inter-bank CT U2A 4E</li> <li>To perform this test it is necessary to create rules based on liquidity transfers to reacceiling threshold amount on CRDM (before running this test the user must perfor</li> </ul>		

2.4.1.12	RTGS.U2A.012	- Rule	based	liquidity	transfers -	Ceiling	breach
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	configurations in CRDM. The user must define the account threshold configurations for the RTGS account)
Test Evidence	Printscreen of the payment and the liquidity transfer order (cash transfer details screen)

# Step 1 – Insert a payment crediting the RTGS DCA in order to reach the ceiling threshold amount

Before entering the payment, the user must verify which is the amount defined for the ceiling threshold amount. To do that the user must:

1. Select the main menu entry "Liquidity" and click on the sub-menu entry "Query RTGS Cash Account Liquidity";

target T2	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-10-04		
Uuery RTGS L	uidity by Party > List of RTGS Liquidity by Party		
Cash Transfers and Messages	•		
Liquidity	•	Query RTGS Cash Account Liquidity	
Liquidity Management Features	•	New Liquidity Transfer	
Ancillary System	•		
Reference Data	•		
Administration	•		
Monitoring	•		

2. The user must enter the account number or the account BIC of the account whose liquidity is to be displayed and click on the "Submit" button;

≡	Sector 2 Query RTGS Cash Account Liquidity	
- Searc	ch Criteria	
-	General*	
	Account Number	Account BIC
	<u>्</u>	Q

The "RTGS Cash Account Liquidity – Display Screen" opens, displaying the liquidity of the account.
 At the bottom of the page, the user finds the value defined as the Ceiling threshold amount.

Display RTGS Cash Account Liquidity Query RTGS Cash Account Liquidity			ት <b>? ቀ ଏ</b>
Settled Cash Transfers		Total Sub-Account Liquidity	0.00 EUR
Settled Debit Liquidity Transfers	0.00 EUR	Total RTGS Liquidity	
Settled Creckt Liquidity Transfers	0.00 EUR	- Sub-Account(s)	
<ul> <li>Settled Debit Payments and AS Transfers</li> </ul>	0.00 EUR	No Entries found.	
Settled Credit Payments and AS Transfers	0.00 EUR		
Current Balance			
Queued Cash Transfers			
Queued Debit Liquidity Transfers	0.00 EUR		
Queued Debit Payments and AS Transfers	0.00 EUR		
Queued Credit Payments and AS Transfers	0.00 EUR		
Earmarked Cash Transfers			
Earmarked Debit Cash Transfers	0.00 EUR		
Earmarked Credit Cash Transfers	0.00 EUR		
Projected Liquidity	Contraction R		
Reservations			
Urgent	0.00 EUR		
High	0.00 EUR		
Pending Reservations			
Urgent	0.00 EUR		
High	0.00 EUR.		
Floor/Ceiling Information		1	
Floor Threshold	EUR		
Ceiling Threshold	EUR		

After the previous steps, the user must enter a payment to credit the account so that the amount available in the RTGS account is greater than the ceiling threshold.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2 Real Time Gros		s Settlement A   Business Day 2021-09-01
Query Cash Transfers > List of Cash Transfers > Details of Cash Transfer		
Cash Transfers and Messages	•	Query Cash Transfers
Liquidity	•	Query Messages
Liquidity Management Features		Query Business Cases
Ancillary System		Query Account Postings
Reference Data		New Customer Credit Transfer
Administration		New Financial Institution Credit Transfer
Monitoring		New Payment Return
		Upload A2A File or Message

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI – this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

#### Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

#### Step 2 – Verify that there is rule based liquidity transfer from the default MCA

The payment amount entered in step 1 makes the available liquidity in the RTGS account greater than the amount defined to the ceiling threshold. In order to maintain the liquidity targeted in the RTGS account, a liquidity transfer is automatically sent from the RTGS account to credit the MCA account in CLM with the excess of funds.

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

3. The "Cash Transfers – List Screen" opens. The list shows all cash transfers matching the entered search criteria.

The user verifies that the payment entered in step 1 is in the "Settled" status and it is sent a liquidity transfer debiting the RTGS account and crediting the MCA account with the excess funds existing on the RTGS account.

2.4.1.13 RTGS.U2A.013 - Modify earliest and latest debit time cash transfer order

ID	RTGS.U2A.013
Name	Modify earliest and latest debit time cash transfer order
Applicable to	RTGS DCA Account holder
Pre-conditions	User should have been granted the role AH RTGS Payment Manager 4E
Test Evidence	Printscreen of the earliest and latest debit time cash transfer order before and after the change

Description:

# Step 1 – Insert payment order with earliest and latest debit time (TILTIME)

This test step describes how to insert payment orders with the earliest and latest debit timestamp. It means that the payment order has a period to be settled and if the settlement does not take place then the payment will be rejected.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target   T2 Real Time Gros	SS Settlement [A   Business Day 2021-09-01
Query Cash Transfers > List of Cash Transfers > Deta	ils of Cash Transfer
Cash Transfers and Messages	Query Cash Transfers
Liquidity	Query Messages
Liquidity Management Features	Query Business Cases
Ancillary System	Query Account Postings
Reference Data	New Customer Credit Transfer
Administration <b>•</b>	New Financial Institution Credit Transfer
Monitoring	New Payment Return
	Upload A2A File or Message

2. Fill in the mandatory sub-sections of the section "Business Application Header":

**BICFI\* (From)** – this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI – this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI – this field requires the user to enter the BIC of the creditor;

## Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

 Fill in the section "Settlement Time Request". These section includes the fields "From Time", "Till Time" and "Reject Time".

The user must enter in the "From Time" field the earliest debit time which must be before the time entered in "Till Time" and insert the latest debit time into the "Till Time".

The user can enter the time manually or specify it by clicking on the clock button.

- Settlement Time Request	
From Time	
11:45:00	CEST (O)
Till Time	
12:00:00	CEST (O)
Reject Time	
HH:MM:SS	CEST 💿

5. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

# Step 2 - Insert payment order with latest debit time (REJTIME)

This test step describes how to insert payment orders with rejection timestamp. It means that the payment order has to be settled until the time introduced or the payment will be rejected.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2	Real Time Gros	Gross Settlement	
Ueicome Query Cash Trar	sfers > List of Cash Transfers > Details of Cash Transfer		
Cash Transfers and Messages	•	Query Cash Transfers	
Liquidity	►	Query Messages	
Liquidity Management Features		Query Business Cases	
Ancillary System		Query Account Postings	
Reference Data		New Customer Credit Transfer	
Administration		New Financial Institution Credit Transfer	
Monitoring	Þ	New Payment Return	
		Upload A2A File or Message	

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID". **Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

Instructed Agent » BICFI\* – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

#### Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

 Fill in the section "Settlement Time Request". These section includes the fields "From Time", "Till Time" and "Reject Time".

The user must fill the "Rejection Time" field with the time up to which the payment order should be settled. The user can enter the time manually or specify it by clicking on the clock button.

I	Settlement Time Request		
	From Time		
	HH:MM:SS	CEST	0
	Till Time		
	HH:MM:SS	CEST	0
	Reject Time		
	12:15:00	CEST	0
	12:15:00	CEST	0

5. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desiredtask and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

# Step 3 – Modify earliest debit time cash transfer order

This test step describes how to modify the earliest debit timestamp of cash transfer orders which is only possible for cash transfer orders with the status "Warehoused" or "Earmarked" including an earliest debit timestamp.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select a cash transfer order whose earliest debit timestamp is to be modified. Right-click on the selected item and select the context menu entry "Modify earliest debit timestamp".

≡		List of Query C	Cash Transfers										습	?	٠	ወ
+	Search Criteria															
-	Remits Las Refresh 2021-09-23 112423 CGS [												lefresh			
	List of Cash Transfers															
	Queue Posi	ition Prior	ty Instruction ID	End to	End ID	Message Type		Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest	Debit Timestar	np Settl	em
		Norm	al TESTEC8CX000001-TESTERTOS	TESTE	BCX0000001-TESTERTGS	Financial Institution Direct	ct Debit (Pacs.010)	BGALPTTGCBC	BGALPTTGXXX	11.00 EUR	Settled				2021	-09
		Norm	al TESTESLIMDET-XXX-DET	TESTES	IMDET-JOOK-DET Financial Institution Credit		iit Transfer (Pacs.009)	BGALPTTGX000	BGALPTTGDET	107,000.00 EUR	Settled				2021	-09
		Norm	al FROM			Financial Institution Cred	it Transfer (Pacs.009)	BGALPTTGROOK	BGALPTTGPBA	500.00 EUR	Earmarked		2021-0			
	2	Norm	al TESTEC8CX00I0002-TESTERTOS	TESTE	Revoke		t Debit (Pacs.010)	BGALPTTGCBC	BGALPTTGXXX	1,199,999,989.00 EUR	Queued					
		Urge	e		Details		-	RPTEURBAIPPTPLXXX0008001	RPTEURCTTVPTPLX000193001	101,000.00 EUR	Settled				2021	-09
	4 Modify Priority			Modify Priority											•	
	≪ K 1 → W Results 1 to 5 of 5 Modify Earliest Debit Timestamp				limestamp										- B-	
					Modify Latest Debit Timestamp											_
				Cash Account Referen	ce Data of Credit Account	1										
					Cash Account Referen	ce Data of Debit Account	]									
				Display Message												

5. The "Cash Transfers – Modify Earliest Debit Timestamp – Pop-up" opens showing details of the selected cash transfer order. Fill in the field "New Earliest Debit Timestamp" by entering a timestamp manually or by clicking on the clock and calendar buttons. The new earliest debit timestamp must be earlier than the latest debit timestamp and before the cut-off time.

М	Modify Earliest Debit Timestamp												×		
-	Corresponding Cash Transfer(s)														
	Q	ueue Positic	on Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlement Timestamp	Entry Timestamp	
L			Normal	FROM	TILL	Financial Institution Credit Transfer (Pacs.009)	BGALPTTGXXX	BGALPTTGPBA	500.00 EUR	Earmarked	2021-09-23 11:45:00 CEST	2021-09-23 12:00:00 CEST		2021-09-23 11:24:06 CE	EST
	lodify	/ Earliest De	bit Timesta	np											
New Larliest Debt Trenstarp           VVV-MM-00 H-HMMSS         CEST															
s	ubmit	Delete	Earliest Deb	t Timestamp											

6. Click on the "Submit" button.

## Step 4 – Modify latest debit time cash transfer order (TILTIME)
This test step describes how to modify the latest debit timestamp of cash transfer orders which is only possible for cash transfer orders with the status "Warehoused" or "Earmarked" including a latest debit timestamp.

- 1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select a cash transfer order whose latest debit timestamp is to be modified. Right-click on the selected item and select the context menu entry "Modify latest debit timestamp".

=		∑ L	ist of C	ash Transfers Transfers										습	?	٠	ወ
+	Search	h Criteria															
-	Results	8											Last Re	fresh: 21	021-09-23 11:24:2	I CEST	Refresh
	List of	Cash Transfers															
		Queue Position	Priority	Instruction ID	End to End ID	Message Type	Deb	it Account	Credit Account		Amount	Cash Transfer Status	Earliest Debit Timestamp	Lates	st Debit Timestar	ip Sett	em
			Normal	TESTEC8CX000001-TESTERTGS	TESTECBCXXX0001-TESTERTGS	Financial Institution Direct Debit (Pacs.010)	BGA	LPTTGCBC	BGALPTTGXXX		11.00 EUR	Settled				2021	-09
			Normal	TESTESUMDET-XXX-DET	TESTESUMDET-XXX-DET	Financial Institution Credit Transfer (Pacs.009)	BGA	LPTTGXXX	BGALPTTGDET		107,000.00 EUR	Settled				2021	-09
			Normal	FROM	TILL	Financial Institution Credit Transfer (Pacs.009)	BGA	Baucka	BCAL BITTCHEA		500.00 EUR	Earmarked	2021-09-23 11:45:00 CEST	2021	-09-23 12:00:00 C	IST	
		2	Normal	TESTECBCXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	TESTECBCXXXX0002-TESTERTGS	Financial Institution Direct Debit (Pacs.010)	BGA	Details			1,199,999,989.00 EUR	Queued					
			Urgent				RPT	Modify Priority		93001	101,000.00 EUR	Settled				2021	-09
	4	< 1 >	» R	esults 1 to 5 of 5				Modify Earliest Debit Tir	mestamp								
	_							Modify Latest Debit Tim	estamp								
								Cash Account Reference	Data of Credit Account								
								Cash Account Reference	Data of Debit Account								
								Display Message									

5. The "Cash Transfers – Modify Latest Debit Timestamp – Pop-up" opens showing details of the selected cash transfer order. Fill in the field "New Latest Debit Timestamp" by entering a timestamp manually or by clicking on the clock and calendar buttons. The new latest debit timestamp must be later than the current last debit timestamp and before the cut-off time.

Mod	ify Latest D	Debit Ti	mestamp										×
-	Corresponding Cash Transfer(s)												
	Queue Position	n Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlement Timestamp	Entry Timestamp
		Normal	FROM	TILL	Financial Institution Credit Transfer (Pacs.009)	BGALPTTGXXX	BGALPTTGPBA	500.00 EUR	Earmarked	2021-09-23 11:45:00 CEST	2021-09-23 12:00:00 CEST		2021-09-23 11:24:06 CEST
Mod	Modify Listed Debit Timestamp												
New	Latest Debit Tim Y-MM-DD HH:M	iestamp IM:SS			CEST								
Subr	nit Delete L	atest Debit	Timestamp										

6. Click on the "Submit" button.

## Step 5 – Modify latest debit time cash transfer order (REJTIME)

To perform this test, the user must follow the instructions given in step 4.

In order to be able to perform this test, the user must ensure that the party to be debited does not have sufficient funds in the account or the amount of the cash transfer is greater than the available liquidity.

Otherwise, the payment is settled immediately and it is not possible to change the rejection time.

## Step 6 - Query payment orders with new earliest and latest debit time

The purpose of this step is to verify that the user is able to change the debit timestamp.

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select a cash transfer order whose earliest and latest debit timestamp was modified. Right-click on the selected item and select the context menu entry "Details".

	Details Query Cash	of Cash Transfers > List	ansfer of Cash Transfers											?	*	
Corresponding	Cash Transfer															
Queue Position	Priority	Instruction ID	End to End ID	Message	Туре	Debit Account	Credit Account	Amount	Cash Transfer Statu	s Earliest Debit Timestamp	Latest Debit	Timestamp	Settlement Timestamp	Entry Time	stamp	
	Normal	FROM	TILL	Financial	Institution Credit Transfer (Pacs.009)	BGALPTTGXXX	BGALPTTGPBA	500.00 EU	R Earmarked	2021-09-23 11:55:23 CEST	2021-09-23	12:05:55 CEST		2021-09-23	11:24:06 CES	τ
General																
Queue Position					Priority			Amount				Value Date				
					Normal			500.00	EUR			2021-09-23				
Cash Transfer Status					Cash Transfer Type			Messag	е Туре			Counterparty	Country			
Earmarked					Payment			Financ	al Institution Credit Tra	nsfer (Pacs.009)		PT				
Account and Party Is	formation															
Debit Account					Debit Account Type			Credit A	ccount			Credit Accourt	nt Type			
BGALPTTGXXX					RTGS CB Account			BGALP	TTGPBA			RTGS DCA				
From BIC (BAH)					To BIC (8AH)			_								
BGALPTTGXXX					BGALPTTGPBA											
Identifier																
Instruction ID					End to End ID			Busines	Case ID			Clearing Syste	em Reference			
FROM					TILL			46921				14869				
UETR					Original UETR			AS Batc	h Message Reference							
90920874-0498-45e	8-a2dd-abb648	845367														
Timing																
Earliest Debit Timesta	mp				Latest Debit Timestamp			Settlem	ent Timestamp			Entry Timesta	mp			
	CHIT				2021-09-23 12:05:55 CEST							2021-09-23	11:24:06 CEST			

#### 2.4.1.14 RTGS.U2A.014 - Payment revocation

ID	RTGS.U2A.014
Name	Payment revocation
Applicable to	RTGS DCA Account holder
Pre-conditions	User should have been granted the role AH RTGS Payment Manager 4E
Test Evidence	Printscreen of the payment that was revoked (cash transfer details screen) or its instruction reference

#### Description:

This test step describes how to revoke cash transfer orders. Revoking cash transfer orders is only possible for cash transfer orders with the status "Warehoused", "Earmarked" or "Queued". For cash transfer orders with the status "Earmarked due to blocking" only the responsible CB for the payment bank or the operator are able to revoke the cash transfer order.

The following steps describe the case of a payment for which there is not enough liquidity. The payment is in the status "Queued" and was revoked.

## Step 1 - Insert payment order for which there is not enough liquidity

Before entering the payment, the user must ensure that the amount of the payment to enter is greater than the amount available on the RTGS account.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target   T2 Real Time C EXTERNAL ACC	Gros CEPT	<b>ss Settlement</b> TA   Business Day 2021-09-01					
Query Cash Transfers > List of Cash Transfer	ers > List of Cash Transfers > Details of Cash Transfer						
Cash Transfers and Messages	►	Query Cash Transfers					
Liquidity	٠	Query Messages					
Liquidity Management Features	۲	Query Business Cases					
Ancillary System	۲	Query Account Postings					
Reference Data	•	New Customer Credit Transfer					
Administration	۲	New Financial Institution Credit Transfer					
Monitoring	•	New Payment Return					
	Upload A2A File or Message						

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

Instructing Agent » BICFI\* – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI – this field requires the user to enter the BIC of the creditor;

## Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

#### Payment ID:

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 2 – Request payment order revocation

This test step describes how to revoke a cash transfer order. The user must select the cash transfer order in status "Queued" that was entered in step 1.

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select the cash transfer order in status "Queued" that was entered in step 1.
- 5. The user must right-click on the selected item and select the context menu entry "Revoke".

Ξ		Detai Query C	Is of Cash Transfers > List	ansfer of Cash Transfers											?	٠	ወ
-	Corresponding (	ash Transfe	ar .														
L	Queue Position	Priority	Instruction ID	End to End ID	Message	е Туре	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit	Timestamp	Settlement Timestamp	Entry Timest	amp	
L	1	Normal	TEST15-1	TEST15-1	Financial	I Institution Credit Transfer (Pacs.009)		RGALPTTODET	2 000.00 FUB	Queued					2021-08-31 1	1:20:33 CEST	
G	neral						Revoke										
9	eue Position				_	Priority	Decrease	Demase			Value Date						
						Normal	Modify Priorit	v		EUR 2021-08			2021-08-31	(1-08-31			
Ca	Cash Transfer Status Cash Transfer Type					Cash Account	Cash Account Reference Data of Credit Account		ype			Counterparty Country					
9	Queued Payment					Cash Account Reference Data of Debit Account			Institution Credit Transfer	(Pacs.009)		PT					
A	Account and Party Information Di							ioe									

6. A confirmation pop-up opens showing details of the selected cash transfer order. Click on the "Yes" button to confirm the revocation of the cash transfer order.

ſ	Confir	Confirmation X												
I	Do you re	Do you really want to revolve the selected cash transfers?												
I	Queue P	osition	Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlement Timestamp	Entry Timestamp
I	1		Normal	TEST15-1	TEST15-1	Financial Institution Credit Transfer (Pacs.009)		BGALPTTGDET	2,000.00 EUR	Queued				2021-08-31 13:20:33 CEST
I														
l	Yes	No												

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

#### Step 3 – Query order revocation

The purpose of this step is to verify that the user is able to revoke an order.

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. The user can now identify the cash transfer order revoked in the previous step which has assumed the status "Revoked".



#### 2.4.1.15 RTGS.U2A.015 - Modify payment priority

ID	RTGS.U2A.015
Name	Modify payment priority
Applicable to	RTGS DCA Account holder
Pre-conditions	User should have been granted the role AH RTGS Payment Manager 4E
Test Evidence	Printscreen of the priority of the payment order before and after the change

#### **Description:**

This use case describes how to modify the priority of payment orders with the status "Warehoused", "Earmarked" or "Queued".

For payments with priority "Urgent" it is not possible to modify the priority of the payment.

#### Step 1 – Insert payment with priority high for which there is not enough liquidity

The user must ensure that the payment amount to be entered is greater than the amount available in the RTGS account so that the payment remains in "Queue" status and allow the user to modify its priority.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2	Real Time Gros	S Settlement A   Business Day 2021-09-01
Uury Cash Tra	nsfers > List of Cash Transfers > Deta	ils of Cash Transfer
Cash Transfers and Messages	•	Query Cash Transfers
Liquidity	•	Query Messages
Liquidity Management Features	►	Query Business Cases
Ancillary System	►	Query Account Postings
Reference Data	•	New Customer Credit Transfer
Administration	•	New Financial Institution Credit Transfer
Monitoring	•	New Payment Return
		Upload A2A File or Message

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI – this field requires the user to enter the BIC of the creditor;

## Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

**Settlement Priority** – this field gives the possibility to choose which level of priority the user wants to assign to the payment. For this payment the user must select the option "HIGH";

-	Interbank Settlement*	
	Interbank Settlement Amount*	
		EUR
	Interbank Settlement Date*	
	<b>a</b> 2021-09-28	
	Settlement Priority	
	HIGH	$\sim$

## **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

## Step 2 – Modify priority from high to normal

This test step describes how to modify the priority of a cash transfer order. The user must select the cash transfer order in status "Queued" that was entered in step 1.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select the cash transfer order in status "Queued" that was entered in step 1.
- 5. The user must right-click on the selected item and select the context menu entry "Modify Priority".



6. A confirmation pop-up opens showing details of the selected cash transfer order and the user must click on the "Yes" button to confirm the new priority of the cash transfer order.

If the current payment priority is for example "HIGH" when the user clicks on the "Yes" button, the payment priority will automatically change to "NORM" or if the payment priority is "NORM" it will automatically change to "HIGH".

	Confirmation X												
	Co you neally want to revoke the selected cash transfers?												
	Queue Position	Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlement Timestamp	Entry Timestamp
П	1	Normal	TEST15-1	TEST15-1	Financial Institution Credit Transfer (Pacs.009)		BGALPTTGDET	2,000.00 EUR	Queued				2021-08-31 13:20:33 CEST
	Yes No												

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

# Step 3 - Insert payment with priority normal for which there is not enough liquidity

The user must ensure that the payment amount to be entered is greater than the amount available in the RTGS account in order for the payment to remain in the "Queue" status and allow the user to modify its priority.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2	Real Time Gros	ss Settlement TA   Business Day 2021-09-01							
Uuery Cash Tran	Welcome Query Cash Transfers > List of Cash Transfers > Details of Cash Transfer								
Cash Transfers and Messages	•	Query Cash Transfers							
Liquidity	•	Query Messages							
Liquidity Management Features	•	Query Business Cases							
Ancillary System	•	Query Account Postings							
Reference Data	•	New Customer Credit Transfer							
Administration	•	New Financial Institution Credit Transfer							
Monitoring	•	New Payment Return							
		Upload A2A File or Message							

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

## Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

**Settlement Priority** – this field gives the possibility to choose which level of priority the user wants to assign to the payment. For this payment the user must select the option "NORM";

Inte	rbank Settlement*	
Inter	bank Settlement Amount*	
		EUR
Inter	rbank Settlement Date*	
曲	2021-09-28	
Sett	lement Priority	
NO	RM	$\sim$

#### **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

## Step 4 – Modify priority from normal to high

This test step describes how to modify the priority of a cash transfer order. The user must select the cash transfer order in status "Queued" that was entered in step 3.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. Select the cash transfer order in status "Queued" that was entered in step 3.
- 5. The user must right-click on the selected item and select the context menu entry "Modify Priority".

L	- (	Corresponding Ca	sh Transfe	H <sup>r</sup>													
I		Queue Position	Priority	Instruction ID	End to End ID	Message T	/pe	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Deb	sit Timestamp	Settlement Timestamp	Entry Timestamp	
I		2	Normal	TEST-NORMALPAY	TEST-NORMALPAY	Financial In	titution Credit Transfer (Pars 000)		BGALPTTGDET	5,000.00 EUR	Queued					2021-08-31 13:38:40 CEST	-
T	Gene	ral					Revoke										
T	0.00	- Decilies				Diado	Increase			Amount				Value Pate			
T	Queu	e Pusiuuri				Phone	Decrease			A DOD DD DUD				value pate			_
T	4					- North	Modify Priority			3,000.00 EUK				2021-00-31			
L	Cash	Transfer Status				Cash Tr	Cash Account Reference Data of G	redit Account		Message Type				Counterparty Co	ountry		
T	Que	wed				Payme	Carde Lance and Barlance and Barlance			<b>Financial Inst</b>	tution Credit Transfer (Pa	(cs.009)		PT			
T							Cash Account Reference Data of C	ABOIT ACCOUNT									
	Acco	unt and Party Infe	ormation				Display Message										

6. A confirmation pop-up opens showing details of the selected cash transfer order and the user must click on the "Yes" button to confirm the new priority of the cash transfer order.

If the current payment priority is for example "NORM" when the user clicks the "Yes" button, the payment priority will automatically change to "HIGH" or if the payment priority is "HIGH" it will automatically change to "NORM".

Mo	dify	/ Priority												×
-	Corresponding Cash Transfer(s)													
	Qu	eue Position	Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlement Timestamp	Entry Timestamp
	2		Normal	TEST-NORMALPAY	TEST-NORMALPAY	Financial Institution Credit Transfer (Pacs.009)		BGALPTTGDET	5,000.00 EUR	Queued				2021-08-31 13:38:44
	4													•
Sui	amit													

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 5 – Query payments and verify new priority

The purpose of this step is to verify that the user can modify the priority of cash transfer orders.

- 1. The user must select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria.
- 4. By analyzing the cash transfer order entered in the step 3 we verify that the priority assigned was "NORM". After the user modifies the priority of that same payment we verify it has now "HIGH" priority.



#### 2.4.1.16 RTGS.U2A.016 - Reordering payments in queue

ID	RTGS.U2A.016
Name	Reordering payments in queue

Applicable to	RTGS DCA Account holder
Pre-conditions	User should have been granted the role AH RTGS Payment Manager 4E
Test Evidence	Printscreen of the queue list (list of cash transfer screen) before and after the change

#### Step 1 - Insert two payment orders for which there is not enough liquidity

The user must ensure that the payments amounts to be entered are greater than the amount available in the RTGS account so that the payments remain in the "Queue" status.

1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "New Financial Institution Credit Transfer";

target T2	Real Time Gros	Time Gross Settlement				
Uuery Cash Tran	rrs > List of Cash Transfers > Details of Cash Transfer					
Cash Transfers and Messages	•	Query Cash Transfers				
Liquidity	►	Query Messages				
Liquidity Management Features	►	Query Business Cases				
Ancillary System	►	Query Account Postings				
Reference Data	►	New Customer Credit Transfer				
Administration	►	New Financial Institution Credit Transfer				
Monitoring	•	New Payment Return				
		Upload A2A File or Message				

2. Fill in the mandatory sub-sections of the section "Business Application Header":

BICFI\* (From) - this field requires the user to enter the BIC of the party to be debited;

BICFI\* (To) - this field requires the user to enter the corresponding BIC to which the payment is sent.

 Fill in the mandatory sub-sections of the section "Financial Institution Credit Transfer". These include "Instructing Agent", "Debtor", "Instructed Agent", "Creditor", "Interbank Settlement" and "Payment ID".

**Instructing Agent » BICFI\*** – this field requires the user to enter the BIC of the instructing agent, i.e. the BIC of the account to be debited;

Debtor » Debtor ID » BICFI - this field requires the user to enter the BIC of the debtor;

**Instructed Agent » BICFI\*** – this field requires the user to enter the BIC of the account that is to be credited in RTGS;

Creditor » Creditor ID » BICFI - this field requires the user to enter the BIC of the creditor;

## Interbank Settlement:

**Interbank Settlement Amount** – this field requires the user to enter the amount that is to be transferred between the instructing agent and the instructed agent;

**Interbank Settlement Date** – this field requires the user to enter the date on which the settlement is to take place. The date can be set for the current business day and up to 10 calendar days in advance. The user can enter the interbank settlement date manually or specify it by clicking on the calendar button.

**Settlement Priority** – this field gives the possibility to choose which level of priority the user wants to assign to the payment. For this payment the user must select the option "NORM";

-	Interbank Settlement*	
	Interbank Settlement Amount*	
		EUR
	Interbank Settlement Date*	
	Settlement Priority	
	NORM	$\sim$

## **Payment ID:**

**Instruction ID** – this field requires the user to enter the unique identification as assigned by an instructing party for an instructed party in order to identify the instruction. The instruction identification is a reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

**End to End ID** – this field requires the initiating party to enter the end-to-end identification to identify the transaction. If no end-to-end reference was provided by the debtor, the field is automatically filled with "NOTPROVIDED".

4. Click on the "Submit" button.

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : #####" and the user must click on the "Yes" button.

## Step 2 – Change the order of the payments in the queue

This test step describes how to increase or decrease the queue position of cash transfer orders with the status "Queued".

- 1. Select the main menuentry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria, in this case the list will show the two cash transfer orders entered in step1;



4. For the payments under the same conditions, i.e which are in Queued status and have normal priority, the system automatically assigns a sequence to settle for the payments entered.

The user must select one of the cash transfer orders that are to be reordered. Right-click on the selected item and select the context menu entry "Increase" or "Decrease" respectively.

Ξ			List of Ca Query Cash Tr	ish Transfers ransfers										?	*	Ċ
+	Search	h Criteria														
-	Las Refresh 2021-06-31 135100 CCST [Refresh											tefresh				
	List of	f Cash Transfe	rs													
L		Queue Positic	n Priority I	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit Timestamp	Settlem	ent Timestan	p Entr	ry 1
L		1	Normal T	TEST-NORMALPAY	TEST-NORMALPRY	Financial Institution Credit Transfer (Pacs.)	An ANADAR VVV	aculation of	5,000.00 EUR	Queued					202	1-0
L		2	Normal T	TEST-HIGHPRIORITY	TEST-HIGHPRIORITY	Financial Institution Credit Transfer (Pacs	Details		2,000.00 EUR	Queued					202	1-0
L							Increase									
L							Decrease									
L							Modify Priority									
L							Cash Account Reference Data of Credit Account									
1							Cash Account Reference Data of D	Webit Account								
L							Display Message									

5. A confirmation pop-up opens showing details of the selected cash transfer order and the user must click on the "Yes" button to confirm the reordering of the cash transfer order.

# Step 3 – Query queue order

The purpose of this step is to verify that the user can reorder cash transfer orders.

- 1. Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria, in this case the list will show the two cash transfer orders entered in Step 1;
- 4. The user can verify that the sequence of payments in the queue position has switched.



The cash transfer order selected on step 2 was in the queue first position and the user selected the option "Decrease". This made that the selected cash transfer order moves to second place in the

queue for settlement while the cash transfer order that was in the second position automatically move to the first position.

## Step 4 – Perform the revocation of the orders

The user must follow the steps as described in the "<u>Payment Revocation</u>" test (Step 2 - Perform the revocation of the order).

Additionally, the user can select both transfer orders at the same time and revoke them.



## 2.4.1.17 RTGS.U2A.017 - Bilateral limit – Current order

ID	RTGS.U2A.017
Name	Bilateral limit – Current order
Name Applicable to	RTGS DCA Account holder
Applicable to Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Reader 2E</li> <li>AH RTGS Limit/Reservation Manager 2E/4E</li> <li>To perform this test it is necessary create bilateral limits on CRDM first</li> </ul>
Test Evidence	Printscreen of the list of bilateral limits screen before and after the change

Description:

## Step 1 – Modify bilateral limit

This test step describes how to modify a bilateral limit directly on RTGS. Bilateral limits can be increased, decreased or set to zero and modifications done in RTGS are only valid for the current business day. If the user intends to change bilateral limits definitively that needs to be performed in CRDM.

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Bilateral Limits";

		Real Time Gros	s Settlement A   Business Day 2021-09-30
	Welcome		
Cash Transfers and Messag	ges	►	
Liquidity		►	
Liquidity Management Fea	tures	►	Query Bilateral Limits
Ancillary System		►	Query Multilateral Limits
Reference Data		•	Query Reservations
Administration		•	
Monitoring		•	

2. Enter the relevant attribute values of the respective limits that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

😑 🖂 Query Bilateral Limits		
- Search Criteria		
- Bilateral Limit(s)		
Party BIC (wildcards allowed)	Account Number	Account BIC No filter selected
Counterparty Account BIC		
No filter selected		
+ Output Parameters		
Submit Reset		

3. The "Bilateral Limits – List Screen" opens. The respective list shows all limits matching the entered criteria.

		List	t <b>of Bilateral Limits</b> y Bilateral Limits > List of Bilateral Limits							☆	?	٠	¢
+	Search Criteria												
-	Results								u	ist Refresh: 2021	-09-29 19:56	IO6 CEST R	efresh
	List of Bilatera	il Limits											
L	Party BIC		Account Number	Account BIC	Counterparty Account BIC	Defined Limit	Free Limit Position	Countable Payments	New Value				
L	BGALPTTGPBA	L.	RPTEURBGALPTTGPBA0001001	BGALPTTGPBA		1,000,000.00 EUR	1,000,000.00 EUR	0.00 EUR				EUF	-
L	BGALPTTGPBA	L.	RPTEURBGALPTTGPBA0001001	BGALPTTGPBA		5,000,000.00 EUR	5,000,000.00 EUR	0.00 EUR				EUF	-
L	« « 1	> x	Results 1 to 2 of 2										ъ
	Submit	Reset	Set all Limits to Zero										

4. The user must enter an amount that is supposed to be the new bilateral limit in the field "New Value" of the respective list entry and click on the "Submit" button.

Г	+	Search Offarla								
	-	Results Last Reference 201-00-01 1327:3								
List of Blateral Limits										
T		Party BIC	Account Number	Account BIC	Counterparty Account BIC	Defined Limit	Free Limit Position	Countable Payments	New Value	
T		BGALPTTGPBA	RPTEURBGALPTTGP8A0001001	BGALPTTGPBA		1,000,000.00 EUR	1,000,000.00 EUR	0.00 EUR	1500000.00 EUR -	
T		BGALPTTGPBA	RPTEURBGALPTTGPBA0001001	BGALPTTGPBA	-	5,000,000.00 EUR	5,000,000.00 EUR	0.00 EUR	EUR -	
T		« < 1 > »	Results 1 to 2 of 2							
L		Submit Reset	Set all Limits to Zero							

The entered amount can be higher or lower than the defined bilateral limit, however the new value has to be at least 1 M (for EUR).

5. A confirmation pop-up opens displaying the information "Changes done in RTGS are only valid for today" and the user must click on "Ok" button.

Confirmation	×		
Changes done in RTGS are only valid for today.			
Ok Careat			

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

#### Step 2 – Set to zero bilateral limit

This test step describes how to set bilateral limits to zero. The reset is only valid for the current business day and once a bilateral limit is set to zero it is not possible to increase it again on the same business day.

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Bilateral Limits";

Real Time Gross EXTERNAL ACCEPT				s Settlement A   Business Day 2021-09-30
≡		Welcome		
Cash Tran	sfers and Me	ssages	•	
Liquidity	Liquidity			
Liquidity I	Liquidity Management Features			Query Bilateral Limits
Ancillary S	System		•	Query Multilateral Limits
Reference	Data		•	Query Reservations
Administration			•	
Monitorin	g		Þ	

2. Enter the relevant attribute values of the respective limits that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

	Query Bilateral Limits		
- Search Crit	teria		
- Bilat	teral Limit(s)		
Party	y BIC (wildcards allowed)	Account Number	Account BIC
Cour	nterparty Account BIC		
	No filter selected Q		
+ Outp	put Parameters		
Submit R	Reset		

3. The "Bilateral Limits – List Screen" opens. The respective list shows all limits matching the entered criteria.



4. The user have the possibility to set only one limit to zero or to set all limits to zero.

If the user wants to set only one limit to zero then the user must enter the amount "0.00" in the field "New Value" of the respective list entry and click on the "Submit" button.

If the user wants to set all limits to zero the user must click on the "Set all limits to zero" button.

5. A confirmation pop-up opens displaying the information "Changes done in RTGS are only valid for today" and the user must click on "Ok" button.

Confirmation	×
Changes done in RIGS are only valid for today.	
Ok Cancel	

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 3 – Query limit

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Bilateral Limits";

			Real Time Gros	s Settlement A   Business Day 2021-09-30
≡		Welcome		
Cash Transfe	ers and Me	ssages	►	
Liquidity			►	
Liquidity Ma	anagement	Features	•	Query Bilateral Limits
Ancillary Sys	stem		►	Query Multilateral Limits
Reference D	ata		۲	Query Reservations
Administrati	ion		►	
Monitoring			•	

2. Enter the relevant attribute values of the respective limits that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

😑 🖂 Query Bilateral Limits		
- Search Criteria		
- Bilateral Limit(s)		
Party BIC (wildcards allowed)	Account Number	Account BIC
Counternarity Account BIC		
No filter selected		
+ Output Parameters		
Submit Reset		

3. The "Bilateral Limits – List Screen" opens. The respective list shows all limits matching the entered criteria.

Ξ		List	t <b>of Bilateral Limits</b> y Bilateral Limits							☆	?	٠	Ċ
+	Search Criteria												
-	Results								L	ast Refresh: 2021	-09-29 20:45:5	8 CEST R	efresh
	List of Bilateral	Limits											
	Party BIC		Account Number	Account BIC	Counterparty Account BIC	Defined Limit	Free Limit Position	Countable Payments	New Value				
	BGALPTTGPBA		RPTEURBGALPTTGPBA0001001	BGALPTTGPBA		5,000,000.00 EUR	5,000,000.00 EUR	0.00 E	UR			EUP	-
	«< < 1	> >>	Results 1 to 1 of 1										ъ
	Submit	Reset	Set all Limits to Zero										

Due to the test performed in step 2 where the user has set bilateral limits to zero those limits are cleared for the current business day.

2.4.1.18 RTGS.U2A.018 - Multilateral limit – Current orde
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ID	RTGS.U2A.018
Name	Multilateral limit – Current order

Applicable to	RTGS DCA Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Reader 2E</li> <li>AH RTGS Limit/Reservation Manager 2E/4E</li> <li>To perform this test it is necessary create bilateral limits on CRDM first</li> </ul>
Test Evidence	Printscreen of the list of multilateral limits screen before and after the change

## Step 1 – Modify multilateral limit

The amount of the multilateral limits are defined by corresponding standing orders and are updated at the beginning of each business day. Modifying a standing order is only possible in CRDM while the modifications done directly in RTGS have immediate effect and are only valid for the current business day.

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Multilateral Limits";

target	T2 Real Time	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09-30		
📃 🔽 Weld	come			
Cash Transfers and Messages		•		
Liquidity		•		
Liquidity Management Features		Query Bilateral Limits		
Ancillary System		Query Multilateral Limits		
Reference Data		Query Reservations		
Administration		•		
Monitoring				

Enter the relevant attribute values of the respective limits that are to be displayed. If the user does
not want to restrict the search then just click on the "Submit" button;



3. The "Multilateral Limits – List Screen" opens. The respective list shows all limits matching the entered criteria.



4. The user must enter an amount that is supposed to be the new multilateral limit in the field "New Value" of the respective list entry and click on the "Submit" button.

1	= 💌	List o Query N	<b>f Multilateral Limits</b> Iulilateral Limits > List of Multilateral Limits								☆	?	٠	ወ
+	Search Criteria													
-	Results										Last Refresh: 202	1-09-30 15:55	k12 CEST	tefresh
L	List of Multilaters	ral Limits												
L	Party BIC		Account Number	Account BIC	Defined Limit		Free Limit Position		Countable Payments	New Value				
L				—		1,000,000.00 EUR		1,000,000.00 EUR				2000	1000.00 EU	a —
L		> >>	Results 1 to 1 of 1											ъ
L	Submit	Reset												

The entered amount can be higher or lower than the defined multilateral limit, however the new value has to be at least 1 M (for EUR).

5. A confirmation pop-up opens displaying the information "Changes done in RTGS are only valid for today" and the user must click on "Ok" button.

Confirmation ×					
Changes done in RTGS are only valid for today.					
Ok Cancel					

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 2 – Query limit

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Multilateral Limits";

target T2			Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09-30			
≡		Welcome				
Cash Tran	sfers and Mess	ages	►			
Liquidity			►			
Liquidity	Management F	eatures	•	Query Bilateral Limits		
Ancillary	System		•	Query Multilateral Limits		
Reference	Data		►	Query Reservations		
Administr	ation		•			
Monitorin	ıg		F			

2. Enter the relevant attribute values of the respective limits that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;

≡	💟 Query Bilateral Limits		
- Searc	ch Criteria		
-	Bilateral Limit(s)		
	Party BIC (wildcards allowed)	Account Number	Account BIC
	Counterparty Account BIC		
	No filter selected		
+	Output Parameters		
_			
Submit	Reset		

3. The "Multilateral Limits – List Screen" opens. The respective list shows all limits matching the entered criteria.

1			List of Multilateral Limits Query Multilateral Limits									ť	ን <b>?</b>	٠	ŝ
+	Sea	rch Criteria													
-	Res	ults										Last Refres	h: 2021-09-30	16:12:30 CEST	Refresh
Г	List	of Multilate	eral Limits												
L	Pa	rty BIC	Account Number	Account BIC	Defined Limit		Free Limit Position		Countable Payments		New Value				
L	-	_		_		2,000,000.00 EUR		2,000,000.00 EUR		0.00 EUR					EUR
L	0	c ( 1	> >> Results 1 to 1 of 1												в
L	s	ubmit	Reset												

## 2.4.1.19 RTGS.U2A.019 - Reservation

ID	RTGS.U2A.019
Name	Reservation
Applicable to	RTGS DCA Account holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH RTGS Reader 2E</li> <li>AH RTGS Limit/Reservation Manager 2E/4E</li> </ul>
Test Evidence	Printscreen of the reservations (display reservations screen) before and after the change

## Description:

## Step 1 – Enter current reservation

The amount of the reservations is defined by a corresponding standing order and is updated at the beginning of each business day. Modifying a standing order is only possible in CRDM. This test step describes how to enter urgent and high reservations with immediate effect as a one-time reservation directly in RTGS.

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Reservations";

target   T2 Real Time EXTERNAL A	Gros CCEPT	s Settlement A   Business Day 2021-09-06
Welcome Query Reservations		
Cash Transfers and Messages		
Liquidity	►	
Liquidity Management Features	►	Query Bilateral Limits
Ancillary System	۲	Query Multilateral Limits
Reference Data	Query Reservations	
Administration		
Monitoring	•	

 The user must enter the account number or the account BIC of the account whose reservations are to be displayed and click on the "Submit" button;

ta	rget T2	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09-06
≡	Query Res	servations
- Searc	ch Criteria	
-	Reservations*	
	Account Number	Account BIC
		Q     BGALPTTGPBA     Q
·		

3. The "Reservations – Display Screen" opens. The current reservations for payments with the priorities "Urgent" and "High" are displayed;

Ξ		Display Reservations Query Reservations								?	٠	Ģ
+	Search Criteria											
-	Results							Last Refr	esh: 2021	-09-30 17:03	:58 CEST	Refresh
	Account Informat	ion										
L 1	Party BIC		Account Number		Account BIC							
L	BGALPTTGPBA		RPTEURBGALPTTGP8A0001001		BGALPTTGPBA							
	Urgent Reservatio	2n										
L	Reservation Amo	wnt	Pending Rese	rvation			Defined Value					
L			0.00 EUR			0.00 EUR						0.00 EUR
	High Reservation											
L	Reservation Amo	sunt Pe	nding Reservation	Defined	Value	New Reservation Amount	t					
L		0.00 EUR		0.00 EUR	0	0.00 EUR						BUR
	Submit	eset										

4. In order to enter an urgent or high reservation, the user must use the specific sections "Urgent Reservation" or "High Reservation".

The user must enter an amount that is supposed to be the reservation amount in the field "New Reservation Amount" for High Reservations and click on the "Submit" button.

=		Display Reservations Query Reservations							☆	?	٠	ሳ
+	Search Criteria											
-	Results							Last R	efresh: 202	1-09-30 175	02:58 CEST [	Refresh
	Account Informati	on										
	Party BIC		Account Number		Account BIC							
	BGALPTTGPBA		RPTEURBGALPTTGP8A0001001		BGALPTTGPBA							
	Urgent Reservation	n										
	Reservation Amon			Pending Reservation			Defined Value					
			0.00 EUR				0.00 EUR					0.00 EUR
	High Reservation											
	Reservation Amor	unt	Pending Reservation		Defined Value		New Reservation Amount					
		0.00 EUR		0.00 EUR		0.00 EUR					5000	00 EUR
	Submit Re	iset										

5. A confirmation pop-up opens displaying the information "Changes done in RTGS are only valid for today" and the user must click on the "Ok" button;

Confirmation					
Changes done in RTGS are only valid for today.					
Ok Cancel					

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

# Step 2 – Modify current reservation

This test step describes how to modify a current reservation directly in RTGS. A reservation can be increased, decreased or set to zero and it is only valid for the current business day.

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Reservations";

ta	rget T2	Real Time Gros	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09-06					
≡	Welcome Query Reservat	ions						
Cash Tran	sfers and Messages	►						
Liquidity		Þ						
Liquidity I	Management Features	•	Query Bilateral Limits					
Ancillary S	System	Þ	Query Multilateral Limits					
Reference	Data	•	Query Reservations					
Administr	ation	►						
Monitorin	g	►						

 The user must enter the account number or the account BIC of the account whose reservations are to be displayed and click on the "Submit" button;

target T2	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09-06	
📃 🔽 Query Re	servations	
- Search Criteria		
- Reservations*		
Account Number	Account BIC	
	Q BGALPTTGPBA	٩

3. The "Reservations – Display Screen" opens. The current reservations for payments with the priorities "Urgent" and "High" are displayed.

1	Display Reservations Query Reservations				습	?	<b>ф</b> ()
+	Search Criteria						
-	Results				ast Refresh: 2021	-09-30 17:17	26 CEST Refresh
	Account Information						
	Party BIC	Account Number	Account BIC				
	<b>BGALPTTGPBA</b>	RPTEURBGALPTTGPBA0001001	BGALPTTGPBA				
	Urgent Reservation						
L	Reservation Amount	Pending Reservation					
L		0.00 EUR		0.00 EUR			0.00 EUR
L	High Reservation						
L	Reservation Amount	Pending Reservation	Defined Value	New Reservation Amount			
	5,000.00 EUR	0.00 EUF					EUR
	Submit Reset						

4. In order to modify a high reservation, the user must use the section "High Reservation". Enter an amount that is supposed to be the new reservation amount in the field "New Reservation Amount" of the High Reservation section and click on the "Submit" button.

=	Display Reservations Query Reservations				습	?	٠	(
+	Search Criteria							
-	Results				Last Refresh: 202	1-09-30 17:17	26 CEST	Refresh
	Account Information							
	Party BIC	Account Number	Account BIC					
	BGALFTTGPBA	RPTEURBGALPTTGPBA0001001	BGALPTTGPBA					
-	Urgent Reservation							
	Reservation Amount	Pending Reservation		Defined Value				
		0.00 EUR		0.00 EUR				).00 EUR
	High Reservation							
	Reservation Amount P	ending Reservation	Defined Value	New Reservation Amount				
	5,000.00 EUR						10,000.00	EUR
	Submit Reset							

The entered amount can be higher or lower than the defined reservation amount in order to increase/decrease the reservation and can also be "0.00" in order to set the reservation amount to zero.

5. A confirmation pop-up opens displaying the information "Changes done in RTGS are only valid for today" and the user must click on "Ok" button.

Confirmation	×
Changes done in RTGS are only valid for today.	
Ok Careat	

If the user is working in four eyes mode it is necessary that a second user will then go to Administration>>QueryTaskQueue>>Submit. The second user selects the desired task and with a right-click selects the context menu entry "Details". After validating the information, the second user will decide to confirm by clicking on the "Confirm" button or, if something goes wrong, by clicking on the "Withdraw" button. A pop-up confirmation opens displaying the information "Confirm/Withdraw the Task with ID : ######" and the user must click on the "Yes" button.

## Step 3 – Query reservation

 Select the main menu entry "Liquidity Management Features" and click on the sub-menu entry "Query Reservations";

target   T2 Real Time Gro		Real Time Gros	s Settlement A   Business Day 2021-09-06
	Welcome Query Reservation	ons	
Cash Transfers and Mess	ages	►	
Liquidity		•	
Liquidity Management Features		•	Query Bilateral Limits
Ancillary System		•	Query Multilateral Limits
Reference Data		•	Query Reservations
Administration		•	
Monitoring		►	

2. The user must enter the account number or the account BIC of the account whose reservations are to be displayed and click on the "Submit" button;

ta	rget T2	Real Time Gross Settlement EXTERNAL ACCEPTA   Business Day 2021-09	-06
≡	🖂 Query Res	servations	
- Searc	ch Criteria		
-	Reservations*		
	Account Number	Account BIC	
		Q BGALPTTGPBA	۹.
L			

3. The "Reservations – Display Screen" opens. The current reservations for payments with the priorities "Urgent" and "High" are displayed.



## 2.4.1.20 RTGS.U2A.020 - Ancillary System Settlement Management

ID	RTGS.U2A.016	
Name	AS Settlement Management	
Applicable to	Ancillary System	
Pre-conditions	User should have been granted the roles: <ul> <li>AH RTGS AS Manager 2E/4E</li> <li>AH RTGS Payment Manager 4E</li> </ul>	
Test Evidence	<ul> <li>Printscreen of the:</li> <li>Revoke file (list of AS batches screen) or its reference</li> <li>Revoke AS transfer order (list of cash transfers screen) or its instruction reference</li> <li>Printscreen of the queue list (list of AS batches screen) before and after the change</li> <li>Printscreen of the end of settlement period before and after the change</li> </ul>	

# Description:

## Step 1 – Revoke AS file

Revoking AS batches is only possible for AS batches with AS settlements procedure "A" or "B".

AS batches with the status "Rejected at Group Level" or "Accounting Processed" cannot be revoked.

Only the initiating AS, the responsible central bank of the initiating AS and the operator are allowed to revoke batches.

- Select the main menu entry "Anciliary System" and click on the sub-menu entry "Query AS Batches";
- 2. Enter the relevant attribute values of the AS batches that are to be displayed;
- 3. Click on the "Submit" button.
- 4. Right-click on the AS batch that is to be revoked and select the context menu entry "Revoke";
- 5. A confirmation pop-up opens showing details of the selected AS batch;
- 6. Click on the "Yes" button to confirm the revocation of the AS batch.

## Step 2 – Revoke AS transfer order

Revoking AS transfer orders is only possible for AS transfer orders with AS settlement procedure "E" and status "Earmarked" or "Queued". This function is only available for the AS, the central bank of the AS and the operator.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria;
- 4. Select one or more AS transfer order(s) that are to be revoked;
- 5. Right-click on the selected item(s) and select the context menu entry "Revoke";
- 6. A confirmation pop-up opens showing details of the selected AS transfer order(s);
- 7. Click on the "Yes" button to confirm the revocation of the AS transfer order(s);
- 8. The user returns to the "Cash Transfers List Screen". The notification area shows whether the submission of the data has been completed.

#### Step 3 – Modify AS transfer order

This test step describes how to increase or decrease the queue position of AS transfer orders. Reordering AS transfer orders is only possible for AS transfer orders with the settlement procedure "E" and the status "Queued".

This function is only available for the central bank of the debited settlement bank and the operator.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- 2. Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria;
- 4. Select one or more AS transfer order(s) that are to be reordered;
- Right-click on the selected item(s) and select the context menu entry "Increase" or "Decrease" respectively;
- 6. A confirmation pop-up opens showing details of the selected AS transfer order(s);
- 7. Click on the "Yes" button to confirm the reordering of the AS transfer order(s);

8. The user returns to the "Cash Transfers – List Screen". The notification area shows whether the submission of the data has been completed.

#### Step 4 – Release AS batch/AS transfer order of blocked party

This use case includes functions for releasing blocked AS batches and blocked AS transfer orders.

#### Release AS batch of blocked party

Releasing AS batches is only possible for AS batches related to settlement procedures A and B with the AS Batch Status "Stopped due to Blocking".

This function is only available for the operator and the central bank of the excluded AS.

- Select the main menu entry "Anciliary System" and click on the sub-menu entry "Query AS Batches";
- 2. Enter the relevant attribute values of the AS batches that are to be displayed;
- 3. Click on the "Submit" button;
- Right-click on the AS batch(es) that are to be released and select the context menu entry "Agree" or "Disagree";
- 5. A confirmation pop-up opens showing details of the selected AS batch(es);
- 6. Click on the "Yes" button to confirm the release of the AS batch(es).

#### Release AS transfer order of blocked party

Releasing AS transfer orders is only possible for AS transfer orders which are earmarked due to the blocking of a party or an account.

In case the AS or the AS technical account of the AS transfer order is blocked the responsible central bank of the AS has alternatively the option to agree on the AS Batch for batches on procedure A and B. For all other procedures the responsible AS has to agree on single AS transfers.

In case one of the settlement banks are blocked, the central bank has to agree on every single AS transfer order.

This function is only available for the operator and the central bank of the excluded AS, the central bank of the excluded AS technical account and the central bank of the excluded settlement bank.

- Select the main menu entry "Cash Transfers and Messages" and click on the sub-menu entry "Query Cash Transfers";
- Enter the relevant attribute values on search criteria about the cash transfers that are to be displayed. If the user does not want to restrict the search then just click on the "Submit" button;
- 3. The "Cash Transfers List Screen" opens. The list shows all cash transfers matching the entered search criteria;

- 4. Right-click on the AS transfer order(s) that are to be released and select the context menu entry "Agree" or "Disagree";
- 5. A confirmation pop-up opens showing details of the selected AS transfer order(s);
- 6. Click on the "Yes" button to confirm the release of the AS transfer order(s).

# Step 5 - Enter current liquidity transfer order to technical account - AS procedure D

- Select the main menu entry "Ancillary System" and click on the sub-menu entry "Query AS Technical Accounts Procedure D";
- 2. The "Linked AS Technical Accounts Procedure D Query Screen" opens;
- 3. Enter the relevant attribute values of the RTGS DCA whose linked AS technical accounts are to be displayed;
- 4. Click on the "Submit" button;
- 5. The "Linked AS Technical Accounts Procedure D List Screen" opens. The list shows all AS technical accounts that are linked to the selected RTGS DCA;
- Right-click on the technical account to which the liquidity transfer order is to be initiated and select the context menu entry "New Liquidity Transfer";
- The "Liquidity Transfer to Technical Account Procedure D New Screen" opens. The section "Liquidity Transfer Account Information" is pre-filled with the DCA information (instructing agent) and the technical account information (instructed agent) of the previously selected item;
- 8. Enter the BIC of the debited settlement agent in the ancillary system and the BIC of the credited settlement agent respectively. Optionally, enter an IBAN or another identification of the creditor account;
- 9. Enter the amount that is to be transferred and provide an end-to-end identification for the liquidity transfer order;
- 10. Click on the "Submit" button.

# Step 6 – Modify End of Settlement Period

- Select the main menu entry "Anciliary System" and click on the sub-menu entry "Query AS Batches";
- 2. Enter the relevant attribute values of the AS batches that are to be displayed;
- 3. Click on the "Submit" button;
- Right-click on the AS batch whose end of settlement period is to be modified and select the context menu entry "Change End of Settlement Period";
- The "AS batches Change End of Settlement Period Pop-up" opens displaying information with regard to the selected AS batch;
- 6. Fill in the field "New End of Settlement Period" by entering a timestamp manually or by clicking on the clock and calendar buttons. The new end of settlement period must be later than the

start of settlement period. The new end of settlement period cannot be earlier than the current system time;

7. Click on the "Submit" button.

# 2.4.2 Application-to-Application (A2A)

## 2.4.2.1 RTGS.A2A.001 - Process Customer payment - pacs.008

ID	RTGS.A2A.001	
Name	Process Customer payment - pacs.008	
Applicable to	RTGS DCA account holder with A2A connection	
Pre-conditions	<ul> <li>A2A user should have been granted the roles:</li> <li>AH RTGS Payment Manager 4E</li> <li>AH RTGS Reader 2E</li> </ul>	
Test Evidence	Copy of the sent and receives pacs.008 and the returned pacs.002 (if configured)	

Description:

#### Step 1 – Send Customer payment - pacs.008

The participant sends a payment order to a counterpart that receives a forwarded payment message (pacs.008 "outbound").

A positive PaymentStatusReport (pacs.002) notification is returned to the participant (if configured) confirming the success of the cash transfer order.

# Step 2 – Receive Customer payment - pacs.008

Participants should contact other institutions and ask them to send a pacs.008.

As a last resort, participants can also ask Banco de Portugal to send the pacs.008 to the participant, via the e-mail target@bportugal.pt.

ID	RTGS.A2A.002	
Name	Process interbank payment - pacs.009	
Applicable to	RTGS DCA account holder with A2A connection	
Pre-conditions	<ul> <li>A2A user should have been granted the roles:</li> <li>AH RTGS Payment Manager 4E</li> <li>AH RTGS Reader 2E</li> </ul>	

2.4.2.2 RTGS.A2A.002 - Process interbank payment - pacs.009

# **Test Evidence** Copy of the sent and received pacs.009 and the returned pacs.002 (if configured)

#### Description:

#### Step 1 – Send Interbank payment - pacs.009

The participant sends a payment order to a counterpart that receives a forwarded payment message (pacs.009 "outbound").

A positive PaymentStatusReport (pacs.002) notification is returned to the participant (if configured) confirming the success of the cash transfer order.

## Step 2 – Receive Interbank payment - pacs.009

Participants should contact other institutions and ask them to send a pacs.009.

As a last resort, participants can also ask Banco de Portugal to send the pacs.009 to the participant, via the e-mail target@bportugal.pt.

ID	RTGS.A2A.003		
Name	Process direct debit - pacs.010		
Applicable to	RTGS DCA account holder with A2A connection (only for institutions to which a direct debit notification has been granted)		
Pre-conditions	<ul> <li>The relevant direct debit mandate must be in place</li> <li>A2A user should have been granted the roles:</li> <li>AH RTGS Payment Manager 4E</li> <li>AH RTGS Reader 2E</li> </ul>		
Test Evidence	Copy of the sent pacs.010 and the returned pacs.002 (if configured)		

#### 2.4.2.3 RTGS.A2A.003 - Process direct debit - pacs.010

#### **Description:**

## Step 1 – Send direct debit - pacs.010

This test case is mandatory only for institutions to which a direct debit notification has been granted.

The participant sends a Financial Institution Direct Debitorder (pacs.010) to debit the counterpart RTGS account holder.

A positive PaymentStatusReport (pacs.002) notification is returned to the participant (if configured) confirming the success of the cash transfer order.

## Step 2 – Receive direct debit - pacs.010

Participants can ask Banco de Portugal to send the pacs.010 to the participant, via the e-mail target@bportugal.pt.

2.4.2.4 RTGS.A2A.004	- Receive	Resolution o	f investigation	- camt.029
----------------------	-----------	--------------	-----------------	------------

ID	RTGS.A2A.004	
Name Receive Resolution of investigation - camt.029		
Applicable to RTGS DCA account holder with A2A connection		
Pre-conditions A2A user should have been granted the role AH RTGS Reader 2E		
Test Evidence	Copy of the received camt.029	

The camt.029 is used to negatively answer a recall message.

The participant receives a camt.029 in response to a payment recall.

2.4.2.5 RTGS.A2A.005 - Process Payment recall - pacs.004

ID	RTGS.A2A.005
Name	Process Payment recall - pacs.004
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Reader 2E
Test Evidence	Copy of the sent and received pacs.004 and the returned pacs.002 (if configured)

Description:

#### Step 1 – Send payment recall - pacs.004

Payment order counterparty receives a forwarded payment message (pacs.004 "outbound").

A positive PaymentStatusReport (pacs.002) notification is returned to the submitting actor (if requested)

#### Step 2 – Receive payment recall - pacs.004

Participant is credited and receives the pacs.004 message.

ID	RTGS.A2A.006
Name	Process liquidity transfer order between RTGS DCAs
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Liquidity Transfer Manager 4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.4.2.6 RTGS.A2A.006 - Process liquidity transfer order obetween RTGS DCAs

#### Step 1 – Insert liquidity transfer order - Between RTGS DCAs

The following steps are required to process a liquidity transfer from a RTGS to another RTGS DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the RTGS DCA to be debited and tag Credit Account >> Account number is filled in with number of the RTGS DCA to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the RTGS holder.

2.4.2.7 RTGS.A2A.007 - Process liquidity transfer order from RTGS DCA to a MCA

ID	RTGS.A2A.007
Name	Process liquidity transfer order from RTGS DCA to a MCA
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Liquidity Transfer Manager 4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

Description:

## Step 1 – Insert liquidity transfer order - Between RTGS DCA and MCA

The following steps are required to process a liquidity transfer from a RTGS to another MCA:

- i. Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the RTGS DCA to be debited and tag Credit Account >> Account number is filled in with number of the MCA to be credited.
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the RTGS holder.

ID	RTGS.A2A.008
Name	Process liquidity transfer order from RTGS DCA to a T2S DCA
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Liquidity Transfer Manager 4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

#### 2.4.2.8 RTGS.A2A.008 - Process liquidity transfer order from RTGS DCA to a T2S DCA

## Step 1 – Insert liquidity transfer order - Between RTGS DCA and T2S DCA

The following steps are required to process a liquidity transfer from a RTGS to another T2S DCA:

- i. Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the RTGS DCA to be debited and tag Credit Account >> Account number is filled in with number of the T2S DCA to be credited.
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the RTGS holder.

2.4.2.9 RTGS.A2A.009 - Process liquidity transfer order from RTGS DCA to a TIPS DCA

ID	RTGS.A2A.009
Name	Process liquidity transfer order from RTGS DCA to a TIPS DCA
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Liquidity Transfer Manager 4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

Description:

#### Step 1 – Insert liquidity transfer order - Between RTGS DCA and TIPS DCA

The following steps are required to process a liquidity transfer from a RTGS to another TIPS DCA:

- i. Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the RTGS DCA to be debited and tag Credit Account >> Account number is filled in with number of the TIPS DCA to be credited.
- ii. Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the RTGS holder.

ID	RTGS.A2A.010
Name	Receive liquidity transfer order between RTGS DCA and MCA
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Liquidity Transfer Manager 4E
Test Evidence	Copy of the received camt.054

2.4.2.10 RTGS.A2A.010 - Receive liquidity transfer order between RTGS DCA and MCA

#### Step 1 – Receive liquidity transfer order - Between RTGS DCA and MCA (camt.054)

To receive a liquidity transfer crediting the RTGS DCA and debiting another MCA, a RTGS, T2S or a TIPS DCA, the following steps should be followed:

- i. If the RTGS holder has another MCA, RTGS, T2S or a TIPS DCA, can send a liquidity transfer from such account to the RTGS. If not, it can request another participant (holding such type of accounts) or Banco de Portugal to send those liquidity transfers.
- ii. Upon confirmation that the liquidity transfer was sent, the participant should confirm the reception and integration in the internal applications of a camt.054, informing about the credit in the RTGS.

#### 2.4.2.11 RTGS.A2A.011 - Payment revocation

ID	RTGS.A2A.011
Name	Payment revocation
Applicable to	RTGS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH RTGS Payment Manager 4E
Test Evidence	Copy of the sent pacs.008/009 and the received pacs.002

**Description:** 

#### Step 1 – Insert payment order for which there is not enough liquidity

The user must insert a payment order (pacs.008 or pacs.009) for which there is not enough liquidity.

The payment order inserted will be in the status "Queued".

#### Step 2 – Request payment order revocation

The revocation process starts by sending camt.056 and successful business validation (RTGS validates the message and checks whether the payment order has been settled or not). If not, RTGS revokes the payment order.

#### Step 3 – Query order revocation

The user must query the payment order inserted in step 1 and verify if the status is "Revoked".

ID	RTGS.A2A.012
Name	Process RTGS Statement of Accounts
Applicable to	RTGS DCA account holder with A2A connection

2.4.2.12 RTGS.A2A.012 - Process RTGS Statement of Accounts
Pre-conditions	RTGS DCA holder has subscribed the reception of camt.053 for the RTGS DCA
Test Evidence	Copy of the received camt.053

#### **Description:**

To test the processing of a camt.053 - RTGS Statement of accounts for a RTGS DCA, the participant shall verify the correct reception of the camt.053 and confirm that it was correctly integrated in the internal applications.

#### 2.4.2.13 RTGS.A2A.013 - AS Settlement

ID	RTGS.A2A.013
Name	AS Settlement Management
Applicable to	Anciliary Systems and the respective settlement banks
Test Evidence	Copy of the pain.998 ASInitiationStatus

### Description:

#### Step 1 – Send AS file - Procedure A (Debits First)

This test describes procedure A whereby an Ancillary System, allowed to use procedure A, sends an AS pain.998 - ASTransferInitiation with all multilateral balances to be debited and credited on the AS settlement banks RTGS DCAs. RTGS settles all debits before settling the credits. All individual orders are settled against the technical account of the AS. RTGS processes all credits.

After all AS transfers have been settled the ancillary system receives a notification pain.998 – ASInitiationStatus , confirming the settlement of the entire AS batch message.

The AS settlement banks are informed via a camt.054 - BankToCustomerDebitCreditNotification, if subscribed.

#### Step 2 – Send AS file - Procedure B (All or nothing)

This test describes procedure B whereby an ancillary system sends to RTGS both debit and credit AS transfer orders for settlement. RTGS settles all debit and credit AS transfer orders simultaneously if possible. No settlement takes place when simultaneous settlement of all debit and credit AS transfer orders is not possible.

An Ancillary System, allowed to use procedure B, sends an pain.998 - ASTransferInitiation with all multilateral balances to be debited and credited on the AS settlement banks' RTGS DCAs.All individual orders are settled against the technical account of the AS.

RTGS processes all debits/credits. The AS settlement banks are informed via a camt.054 -BankToCustomerDebitCreditNotification, if subscribed. After all AS transfers have been settled the ancillary system) receives a notification (pain.998 – ASInitiationStatus), confirming the settlement of the entire AS batch message.

## Step 3 - Send AS file - Procedure C (Transfer order on sub-accounts)

This test describes the AS settlement procedure C whereby an AS settlement bank dedicates liquidity for the settlement of AS transfer orders from a specific ancillary system. They achieve this by allocating the needed liquidity to a specific sub-account. AS settlement procedure C uses a mandatory procedure (triggered by RTGS event ""Execution of standing orders in RTGS" of new business day) and allows ancillary systems to execute optional procedure(s) (the ancillary system sends a message camt.021 - ReturnGeneralBusinessInformation indicating the start of the optional procedure.

All individual orders are settled against the technical account of the AS.

RTGS processes all credits. The AS settlement banks are informed via a camt.054 – BankToCustomerDebitCreditNotification, if subscribed.

After all AS transfers have been settled the ancillary system (or the relevant CB on its behalf) receives a notification (pain.998 - ASInitiationStatus, confirming the settlement of the entire AS batch message.

## Step 4 – Send AS file - Procedure D (Transfer Orders on a Technical Account)

This AS settlement procedure allows an AS settlement bank to dedicate liquidity for the settlement of a specific ancillary system. The AS settlement bank achieves this by allocating the needed liquidity to the respective AS technical account. AS settlement procedure D uses the mandatory procedure (triggered by RTGS event ""Execution of standing orders in RTGS" of new business day).

After all AS transfers have been settled the ancillary system receives a notification (pain.998 – ASInitiationStatus), confirming the settlement of the entire AS batch message.

## Step 5 – Send AS file - Procedure E (Bilateral settlement)

With the AS settlement procedure E, Ancillary systems can benefit of the bilateral settlement of simultaneously sent debits and credits that shall be processed independently from each other.

The pain.998-TransferInitiation message passes the business validation and it is submitted to settlement. During the process "Perform standard RTGS settlement" the AS transfer order is settled so the AS receives single notifications pain.998 - ASInitiationStatus (AS transfer order settlement notification) with Group Status=ASCD.

The Settlement Banks receive a camt.054 - BankToCustomerDebitCreditNotification message (with local instrument ASTI), if subscribed.

# 2.5 ECONS – Enhanced Contingency Solution

# 2.5.1 User-to-Application (U2A)

## 2.5.1.1 ECONS.U2A.001 - Access to ECONS

ID	ECONS.U2A.001
Name	Access to ECONS
Applicable to	MCA holders (given that an ECONS account has to be opened for each MCA)
Pre-conditions	User should have been granted the role AH ESMIG Access
Test Evidence	Printscreen of the ECONS homepage

## Description:

To reach ECONS, the user shall access the ESMIG Portal > choose option ECONS > select the ECONS option > select its user > press the submit button, after which the user will be redirected to ECONS.

target	Welcome PGU110   2021-11-26 18:13 Stage: EAC   Version 1.0.1   Go Sign Client: ▲ 32 bit ▲ 54 bit
Choose an Ap	Services List pplication and your System User Reference
Choose a Service	
♥ ♥T2	
Choose Component or Application	Choose a System User 🎼 cop
Data Migration Tool	
D 😐 Data Warehouse	
𝗭 == ECONS II	
Improvement System	·

## 2.5.1.2 ECONS.U2A.002 - Query ECONS Status

ID	ECONS.U2A.002
Name	Query ECONS Status
Applicable to	MCA holders (given that an ECONS account has to be opened for each MCA)
Pre-conditions	User should have been granted the role AH ECONS 2 Reader

**Test Evidence** Printscreen of the result of the query (display system status screen)

#### Description:

To query the ECONSstatus, the user shall reach the screen *Services* >> *Display System Status* >> *Display System Status* -> *Details Screen*. Once there, the user will see if the status of ECONSII is either "Open" or "Closed", as per below:

## <u>Open Status</u>

🔿 Ser	vices 🔪 Display System Status 🔪	Ø Details
	- DISPLAY SYSTEM S	ATUS
	ECONS II Status:	OPEN
	Agree / Disagree:	Disabled
	Business Date:	2021-02-10

## **Closed Status**

🐐 🔪 Services 🔪 Display System Status 🔪 👁 Detail	
DISPLAY SYSTEM STATUS	s
ECONS II Status:	CLOSED

## 2.5.1.3 ECONS.U2A.003 - Query liquidity

ID EC	ECONS.U2A.003
Name Q	Query liquidity
Applicable to M	MCA holders (given that an ECONS account has to be opened for each MCA)
Pre-conditions U	Jser should have been granted the role AH ECONS 2 Reader
Test Evidence Pr	Printscreen of the result of the query

#### Description:

To query the liquidity available in ECONS participants account the user shall reach the screen *Liquidity Management* >> *Select Participant* >> Search (using the Party BIC).

And the second se	100000000000000000000000000000000000000	and the second se	I see a second
Participane BIC	PERSONAL	Currency:	ESR-Euro
Q.Seeth Klear			
Despisy Current Liquidite			
Participant SIC:	PERMIT	Owner Account BIC	KODKILIKHOD1
Account Humber:	KITEURPBERITRIKOOTPSOOTCONTCASHOOT	Account Type:	PB Contingency Account
			1.0.0
Available Liquidity:	1,000.00	Currency:	FUR
Available Liquidity: Opening Date:	1,000.00 2021-06-02	Currency: Onsing Date:	2030-05-31

#### 2.5.1.4 ECONS.U2A.004 - Insert and query a payment

ID	ECONS.U2A.004
Name	Insert and query a payment
Applicable to	MCA holders (given that an ECONS account has to be opened for each MCA)
Pre-conditions	<ul> <li>User should have been granted roles:</li> <li>AH ECONS 2 Reader</li> <li>AH ECONS 2 Manager 4E</li> <li>ECONS has to be open (usually, ECONS is open for testing on Thursdays, between 09h00 and 12:00 CET).</li> </ul>
Test Evidence	Printscreen of the payment or its instruction reference Printscreen of the result of the query (payment list screen)

### Description:

To insert and query a payment in ECONS the user shall:

#### Step 1 – Insert a payment

The user shall reach the screen Liquidity Management >> Select Participant >> Select Participant – Search Screen. After selecting the participant BIC and pressing the search button, the user shall press the "Insert payment" button.

In the screen displayed, the user shall enter the creditor BIC (BIC of the account to be credited) and the payment amount. The user can also entre four digits that will be be reported in the first four characters of the payment reference.

🔿 Liquidity Management	Select Participant > Q Searc	ch		
Insert Payment				
Debtor BIC:	PBBKSKMM001	Creditor BIC	Choose BIC	
Amount:		Currency:	EUR	
Payment Type (First 4 digits of TRN):				
			Subm	t Cancel
PBBKSKMM001COI	NTCASH001	Currency	CLID	
Available Liquidity	: 0.00	Closing Date:	0000-12-31	

If the payment has been inserted following the four-eyes principle, the second user shall go to screen *services>> Task Queue* > fill in the relevant search criteria [hint: it might be enough to select the status "Awaiting Approval" on the status field] > press the button Search > choose the relevant payment > press the button Details. After validating the information, the second user approves the payment or rejects it in case any incoherence is spotted. If the payment is rejected, the previous step has to be correctly repeated.

#### Step 2 – Query a payment

The user shall reach the screen *Payments – Search/List screen: Payments >> Search Payments >> Payments – Search/List Screen>* choose the *Business Date > press the Search button.* Once the list of payment is shown, the user can check the payment.

Business Date:		2021-02-04		. 0	Currenc	y:				EUR - Eur	0	~		
'RN:					Sender E	BIC:				Choose B	c			Ехро
Participant BIC		Choose BIC			Respons	sible CB:						>	B	Expo
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				Leid										
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intry Time To: Q. Search X Rese	et	yyyy-mm-dd		8 0	0	: 0								
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ntry Time To: Q. Search X. Rese Internal Transfer I	et TRN ≡ E2 201230000	yyyy-mm-dd AmountE Curr E 100.00 EUR	≣ Sent PMBK		ett = ( BKTCS0X) PM	: 0 Cred E	Stat X) Settle	≹us ≡ ed	Entry = 2021-02-04	Fnali ≓ 12021-02-04	Error =	Επατ Ξ		
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Intry Time To: Q. Search X. Rese Infernal Transfer I. = 4PM/TP/BKTCS00XXE2 4PM/TP/BKTCS00XXE2 Croup Id: ASIGroupt	tt TRN = E2 20123000 E2 21010400 123 22 F2 20123000	yyyy-mm-dd Amounta Curr a 100.00 EUR 10.00 EUR	E Sent PMBK N03K N03K			: 0 Ved E VBKTCS2	Stat X) Settle X) Settle Settle Settle	stus ≘ ed ed	Entry ≡ 2021-02-04 2021-02-04 2021-02-04 2021-02-04	Finali ≓ 12021-02-04 12021-02-04 12021-02-04 12021-02-04	Error 🚍	Enor =		
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2.5.1.5 ECONS.U2A.005	-	Query and expo	rt "ECONS	Statement	0	f accounts"
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ID	ECONS.A2A.005
Name	Query and export "ECONS statement of accounts"

Applicable to	MCA holders (given that an ECONS account has to be opened for each MCA)
Pre-conditions	The ECONS was open and payments were settled (usually ECONS is open for testing on Thursdays, between 09h00 and 12:00 CET) User should have been granted the role AH ECONS 2 Reader
Test Evidence	Printscreen of the result of the query (payment list screen) Printscreen of the download file

## Description:

ECONS does not provide a camt.053 - StatementsofAccounts in A2A mode as it happens for CLM, RTGS, TIPS and T2S. Hence, to reconcile ther transactions it is only possible to export a list of transactions in *x*ls or .csv.

To export the list of transactions, the user shall:

- 1. Query all payments via the screen *Payments Search/List screen: Payments >> Search Payments >> Payments Search/List Screen>* choose the *Business Date >* press the *Search button.*
- 2. Once the list of payment is shown, the user shall, use the "export xls" or the "export csv" button to download the data.

Business Date:		2021-02-04		0	Currer	ncy:				EUR - Eu	ro	~		)
'RN:					Sender	r BIC:				Choose B	IIC		B	Export
articipant BIC		Choose BIC			Respo	nsible (	CB:					~	B	Export
Debtor/Creditor:				~	AS File	Group	Id:							
				Isid										
					^		~							
ntry Time From:		yyyy-mm-dd		0	0		0							
					~		*							
							~							
ntry Time To: Q. Search X Rese	et	yyyy-mm-dd		0	•		•							
intry Time To: Q. Search X Rese Internal Transfer I 🚍	et TRN ≣	yyyy-mm-dd Amount≣ Curr	E Send≡	0	* • •	; Credi	● ● ●	atus ≣	Entry	Finalt ≣	Error =	Error =		
A Search X Rese	nt TR3N ≣ ■E2 201230000	yyyy-mm-dd AmountE Curr. 100.00 EJR	E SendE PMBKTCS0			: Cred	Status	atus ≣ led	Entry= 2021-02-04	Finali. ≓ 12021-02-04	Error 🗮	Елог 🚍		
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NTry Time To: Q. Search X. Rese Internal Transfer I. = APMNTPACKTCS00XXE2 2PMNTPACKTCS00XXE2 G. Group Id: ASIGnoup1	TRN E E2 20123000 E2 210104000	yyyy-mm-dd Amount E Curr 100.00 EJR 10.00 EJR	Send E PMBKTCS0 NOBKTCS0 NCBKTCS0		KTCS0X)	Cred PMBKT	Sta     Sta     Sta     Sta     Sta     Sta     Sta     Sta	atus ≣ led led	Entry == 2021-02-04 2021-02-04 2021-02-04	Fnali. ≡ 12021-02-04 12021-02-04 12021-02-04	Error = 1 1	Error 🚍		
Antry Time To: Q Search X Rese Internal Transfer I = 4PM/TPMBKTCS00XXE2 2PM/TMCBKTCS00XXE2 Croup Id: ASIGroupt 1PM/TINCSC00XXE	t TRN E E2 20123000 E2 21010400 E2 21010400 E2 22 20123000	yyyy-mm-dd           AmountEl         Curr           100.00 EUR         100.00 EUR           100.00 EUR         100.00 EUR	E Send. E PMBKTCS0 NCBKTCS0 NCBKTCS0		KTCS0X)	Cred PMBKT PMBKT	Sta     Sta     Sta     Sta     Setti     Setti     Setti     Setti     Setti     Setti	atus	Entry = 2021-02-04 2021-02-04 2021-02-04 2021-02-04	Final/ ≓ 1 2021-02-04 1 2021-02-04 1 2021-02-04 1 2021-02-04	Error = 1 1 1	Епог., Ξ		
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A Search  A Search  A Rese  Internal Transfer I  A Rese  AnNITECKTCOSOXXE2  Group id: ASIGroup1  IMRINCEKTCOSOXXE  Group id: ASIGroup1  ASIGroup id: ASIGroup1  ASIGroup id: ASIGroup1  ASIGroup id: ASIGroup1  ASIGROU  ASIGROU ASIGROU  ASIGROU ASIGROU ASIGRO	t TRN E E2 20123000 E2 20104000 E2 20123000 E2 E2 20123000 E2 E2 21010400 22 E2 21010400 E2 E2 21010400 E2 E2 21010400 E2 E2 21010400 E2 E2 20123000 E2 E2 20123000 E2 E2 20123000 E2 E2 20123000 E2 E2 20123000 E2 E2 2010400 E2 E2 E	yyyy-mm-dd Amounte Qurr 100.00 BJR 100.00 BJR 100.00 BJR 100.00 BJR	Send. =     PMBKTCS0     NCBKTCS0     NCBKTCS0     NCBKTCS0     NCBKTCS0     NCBKTCS0     NCBKTCS0		0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cred PMBKT PMBKT PMBKT	0 CS2X) Setti CS2X) Setti CS2X) Setti CS2X) Setti CS3X) Setti Faile	atus 🗃 led led led led sd	Entry = 2021-02-04 2021-02-04 2021-02-04 2021-02-04 2021-02-04 2021-02-04	Fnail. = 12021-02-04 12021-02-04 12021-02-04 12021-02-04 12021-02-04 12021-02-04	Error 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Error E		
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## 2.5.1.6 ECONS.U2A.006 - Verify liquidity transfer ECONS – CLM

ID	ECONS.U2A.006
Name	Verify liquidity transfer ECONS – CLM
Applicable to	MCA holders (given that an ECONS account has to be opened for each MCA)

Pre-conditions	ECONS has been closed (usually, ECONS is open for testing on Thursdays at 09h00 CET and closes at 12:00 CET)
Test Evidence	Printscreen of the result of the list of cash transfer screen in CLM

### **Description:**

Once ECONS session is closed, the balances on the ECONS accounts (contingency accounts) are transferred to the linked MCAs.

To verify the liquidity transfer from ECONS to CLM, once ECONS session is closed, the user shall reach the CLM screen *Cash Transfers and Messages>> Query Cash Transfers* and confirm that the MCA linked to the contingency account was credited by the amount corresponding to the contingency account balance.

## 2.5.2 Application-to-Application (A2A)

There are no A2A test cases applicable for ECONS.

# 2.6 BDM – Business Day Management

## 2.6.1 User-to-Application (U2A)

## 2.6.1.1 BDM.U2A.001 - BDM Access

ID	BDM.U2A.001
Name	BDM access
Applicable to	All participants
Pre-conditions	User should have been granted the role AH ESMIG Access
Test Evidence	Printscreen of the BDM homepage

## Description:

User should access the ESMIG landing page > select the service "T2" in the services area > Select "Business Day Management" in the component or application area > select the respective system user reference in the "system user" area > press the Submit button.

Choose	an Ap	plication and your System User Reference
noose a Service		
		<b>⊠ ©</b> T2
Choose Component or Application		Choose a System User 🔓 Search for user
🗹 😐 Business Day Management	^	
Data Warehouse		
	~	

Once done, the user will be redirected to BDM.

ID BDM.U2A.002	-
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<sup>2.6.1.2</sup> BDM.U2A.002 - Query business day

Name	Query business day
Applicable to	All participants
Pre-conditions	User should have been granted the role AH CRDM Reader 2E
Test Evidence	Printscreen of the query (settlement day list screen)

#### **Description:**

To query the business day, the user shall, after accessing BDM:

 Reach the screen Business Day Management >> Settlement Day >> Settlement Day >> Search and select the Search option;

= target		Nuno Soares - CB - EAC   2021-09-27 09:55:10   > ? Help   > ≧ Logout     Session ID: ey/h6cOljUd1Nij9 Stage: EAC version: 0.2.2
BUSINESS DAY MANAGEMENT	SETTLEMENT DAY Settlement Day	Contract of the Contract of th
	CALENDARS Q Search	
	QUERY MONITORING >	
	SERVICES	
	Business Day	Management Katalan Kat
		COLUMN TALES & LINE COLUMN COLUMN COMPANY COMPANY
WHAT	S BDM?	
BDM is the	common component to coordinate the calendars and daily sche	dules between different Eurosystem Market infrastructure Services.

- 2. The user will be re-directed to the Settlement day event list for all the TARGET Services, where a service to which the user wants to check the business day events should be chosen and the Search button should be pressed;
- 3. Once done, the user should have the information for the settlement day on the choosen TARGET service.

## 2.6.2 Application-to-Application (A2A)

ID	BDM.A2A.001
Name	Query business day
Applicable to	All participants
Pre-conditions	A2A user should have been granted the role AH CRDM Reader 2E
Test Evidence	Copy of the sent camt.018 and the received camt.019

### 2.6.2.1 BDM.A2A.001 - Query business day

#### **Description:**

To query the business day information information in A2A mode, the participant shall:

1. Send a camt.018 - GetBusinessDayInformation message, indicating one of the query types available: CALE - Calendar query, DIAR - Diary query or STAT - Status of the Settlement day query.

Depending on the query type, the following information needs to be provided in the message:

- For CALE - Calendar query: the Service, the currency and the start and end date of the period to which the information shall be retrieved.

- For DIAR - Diary query: the business date; the Service, the currency and the event code to which the information shall be retrieved.

- For STAT - Status of the Settlement day query: the business date, which must match the current business date, and the Service to which the information shall be retrieved.

2. Receive and integrate in the internal applications a camt.019 (as a reply to camt.018), containing information on requested items or a business error.

2.6.2.2 BDM.A2A.002 - Receive business day information upon configuration

ID	BDM.A2A.002
Name	Receive business day information upon configuration
Applicable to	All participants
Pre-conditions	A2A user should have been granted the role AH CRDM Reader 2E The reception of a camt.019 has been configured, as per test case CRDM.U2A.005 - Message Configuration
Test Evidence	Copy of the received camt.019

#### Description:

For CLM and RTGS, the reception of a camt.019 - ReturnBusinessDayInformation can be configured. Upon this configuration, a camt.019 will be received when given events occur in CLM and RTGS. Hence, in order to receive Business Day Information when certain CLM or RTGS events occur, the participant shall:

- 1. Configure the reception of a camt.019, as per test case CRDM.U2A.005 Message Configuration;
- 2. Once the configuration is active, it shall be checked that a camt.019, containing information on a given event, was received and correctly integrated in the internal applications.

## 2.7 Data Warehouse

## 2.7.1 User-to-Application (U2A)

## 2.7.1.1 DWH.U2A. 001 - Access the Data Warehouse

ID	DWH.U2A. 001			
Name	Access the Data Warehouse			
Applicable to	Applicable to All participants			
Pre-conditions	The user has been granted the role AH ESMIG Access			
Test Evidence	Printscreen of the DWH homepage			

## Description:

User should access the ESMIG landing page > select the service "T2" in the services area > Select "Data Warehouse" in the component or application area > select the respective system user reference in the "system user" area > press the Submit button.

hoose a Service			
		<b>⊘</b> ⊅T2	
Choose Component or Application		Choose a System User 🎼	Search for user
Business Day Management	^		194
		G CPIBGALIPLAAPGOU	J04
🗹 😐 Data Warehouse			
	~		

Once done, the user will redirected to the Data Warehouse.

targ∈t∣		Welcome 🗸	🖓 单 📀
🟠 Home			Show welcome
O, Search	, C		
System information	$\bigcirc$	100 m	
1 My content	Hello. Welcome to the Data		
Team content	Warehouse.	<b>I</b>	
Record	Unearth hidden insights with a personalized analytics experience driven by AL.	ť	
These States	Recent		

## 2.7.1.2 DWH.U2A. 002 - Query a Data Warehouse report

ID	DWH.U2A. 002
Name	Query a Data Warehouse report
Applicable to	All participants
Pre-conditions	The user has been granted the role AH Data Warehouse User
Test Evidence	Copy of the report received

## Description:

After reaching the Data Warehouse initial screen, to query a Data Warehouse report, the user should select the "Search" tab and type the information to be searched. Afterwards, the output of the search should appear by pressing enter.

A Home	Search						
O Search	O, Bearch all your data						
System information							
My content							
Team content							
Recent							

## 2.7.2 Application-to-Application (A2A)

2.7.2.1 DWH.A2A. 001 - Receive a Data warehouse report

	ID	DWH.A2A. 001
--	----	--------------

Name	Receive a Data warehouse report
Applicable to All participants	
Pre-conditions	The reception of a report has been previously configured
Test Evidence	Copy of the reception of a report

#### Description:

To receive a data warehouse report in A2A mode, the participant shall:

- Configure the unique or periodic (e.g. daily, weekly, monthly, quarterly and yearly) reception of a report, via the DWH scheduler function. The user shall also configure the desired file type (csv, xlsx, xml), in order to allow further processing of data in other applications;
- 2. Confirm the reception of the report in line with the configuration done.

**Hint:** for the interaction with the DWH in A2A mode, no requests and answers with xml messages are foreseen. Instead of that, participants can schedule the reception of a file with the report. The report is embedded within an xml envelope as BLOB (binary large object) using CDATA. This envelope contains the additional fields that enables report receivers to correctly route the report within their system, as well as the content of the report in the file type selected in the schedule r: csv, xlsx, xml.

## 2.8 T2S - TARGET2-Securities

# 2.8.1 User-to-Application (U2A)

## 2.8.1.1 T2S.U2A. 001 - Access to T2S

ID	T2S.U2A. 001
Name	Access to T2S
Applicable to	T2S DCA holder
Pre-conditions	User should have been granted the role AH ESMIG Access 2E
Test Evidence	Printscreen of the T2S homepage

## Description:

User should access the ESMIG landing page > select the service "T2S" in the services area > select "T2S GUI" in the component or application area > select the respective system user reference in the "System User" area > press the Submit button, after which the user will be redirected to T2S.

target		Welcome PGU110   2022-07-27 18:04 Stage: UTEST   Version 1.0.3   Go Sign Client: 4	32 bit 📥 64 bit
	Choose an Application	ervices List on and your System User Reference	
Choose a Service			
☐ ♥ T2	O Ø TIPS		
Choose Component or Application		Choose a System User 🛔	cb
Data Migration Tool		O OPTBGALPTTGXXXCBPGU110	
Data Warehouse		-	
Derational Reporting Tool		-	
☑ = T25 GUI			
Trouble Management System		•	
Submit			



### 2.8.1.2 T2S.U2A.002 - Process liquidity transfer order between two T2S DCAs

ID	T2S.U2A.002
Name	Process liquidity transfer order between two T2S DCAs
Applicable to	T2S DCA holder
Pre-conditions	User should have been granted the role AH T2S Liquidity Manager 2E/4E The T2S DCAs have to belong to the same party or be linked to the same external RTGS account
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference

#### **Description:**

To insert a liquidity transfer order between two T2S DCAs the user shall:

1. Select the main menu entry "Cash" and click on the sub-menu entry "Immediate Liquidity Transfers";



 The user will be directed to the screen below, where should click on the "NEW" button (on the bottom left corner);

ts						PORTUGAL	Velcome to T2S-Impleme Session ID: kQkvf5kC8yJh	ntation, Vitor Galvao - CE C3kr87UCKAT-17255 Str	s Logout   > He ige: User Test Versio	Np   2022-07-28 17:49:25 n: 6.00.830 30.05.2022 13:37
SECURITIES	CASH	SERVICES	MONITORING							
Cash > Liquidity > I	nmediate Liquidity Transfers									version 0.91-03 🚇 🖼 🎘 🗛
Search Criteria - Immedia	e Liquidity Transfers				Ŕ					
Party - Search Criteri	2									
Parent BIC		Party BIC								
Other Search Criteria										
T2S Dedicated Cash Acc	bunt Number	all v	Settlement Date and Time from to	0	External RTGS Status *					
Credit/ Debit Code *		Value Date	Sending Time from 0							
Sort by *	Party BIC O Currency O	) Settlement Status 🔘 RTG	S Status ( Unsorted							
Search Reset										
New Details			ssages Revisions 0	opy						

- 3. The user must:
  - enter the DCA account number to be debited in the T2S Dedicated Cash Account Number field;
  - the field Users Reference is automatically filled in, but the user can edit it and insert a reference of his own;
  - enter the amount to be transferred in the Amount field;
  - select the option Internal Liquidity Transfer
  - enter the DCA account number to be credited in the T2S Dedicated Cash Account Number field.

After filling in all the above fields, the user should click on the Submit button.

SECURITIES	CASH	SERVICES	MONITORING							
🗇 Cash » Liquidity » Ir	Cash » Liquidity » Immediate Liquidity Transfers » New Immediate Liquidity Transfer									
Immediate Liquidity Trans	fer			(*)						
Debit Cash Account T2S Dedicated Cash Acco CPTEURBGALPTTGXXX000 Debitor BIC	ount Number * DIMAOO1 ±	T2S Dedicated Cash Acc BdP - DPG	ount Owner							
Liquidity Transfer Users Reference * 220729174435CP		Amount *	6 EUR							
Credit Cash Account Outbound Liquidity Tra External Account Numbe Creditor BIC	Credit Cash Account         Outbound Liquidity Transfer         External Account Number         CPTEURBGALPTTGSSB0001MA001         ±									
Submit Cancel	Reset									

4. The user is redirected to the screen where he must sign the task. To do this, the user must select his certificate and then click the Sign button.

SECURITIES	CASH	SERVICES	MONITORING	
💝 Cash » Liquidity » In	nmediate Liquidity Transfers »	New Immediate Liquidity Tra	ansfer	
Go>Sign Tool				8
Please sign the reque	st with your key			
Action: Create Immedi User: Vitor Galvao - ( Party: BdP Time: 2022-07-29 17:4 Session ID: 909ejLCqH	ate Liquidity Transfer CB 7:30.134 qRwUNgjItHcQub			
Select Signing Certificate:	pgu110, N/A 🗸			Sign
Immediate Liquidity Transf	fer			(۱)
Debit Cash Account				
T2S Dedicated Cash Acco CPTEURBGALPTTGXXX0	ount Number * 001MA001	T2S Dedicated Cash Acco BdP - DPG	ount Owner	
Debitor BIC				
Liquidity Transfer				
Users Reference * 220729174435CP		Amount * 5.00 EUR		
Credit Cash Account				
Outbound Liquidity Tran	nsfer 🔘 Internal Liquidity Tr	ansfer		
External Account Number	г	T2S Dedicated Cash Acco CPTEURBGALPTTGSSB0	ount Number * 001MA001	
Creditor BIC				

If the user is working in four eyes mode, a second user needs to go to Services » Data Changes and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must click Approve.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

ID	T2S.U2A.002					
Name	Process liquidity transfer order from T2S to CLM					
Applicable to	T2S DCA holder					
Pre-conditions	User should have been granted the role AH T2S Liquidity Manager 2E/4E					
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference					
Description:						

2.8.1.3	T2S.U2A.003 -	<b>Process liquidit</b>	y transfer	order from	T2S to CLN
---------	---------------	-------------------------	------------	------------	------------

To insert a liquidity transfer from a T2S DCA to a MCA in CLM the user shall:

1. Select the main menuentry "Cash" and click on the sub-menuentry "Immediate Liquidity Transfers";

					BANCO DE Velo PORTUGAL
SECURITIES	CASH	SERVICES	MONITORING		
CASH ACCC > Cash Accor > Limit Utilisa > Limit Utilisa > Cash Accor > Cash Restr > Cash Forec > Collateral V > Collateral V	JUNT JUNT Lions tion Journal int Postings ictions asts latues (Security) 'alues (T2S DCA and Sec.)	LIQUIDITY + T2S Overall L + Total Stand. / - Immediate Lic - Outstanding A - Data Change:	iquidity Predef. Liq. Transfers <mark>suidity Transfers</mark> uuto-Coll. Credit s	SETTLEMENT    Intra-Balance Movements  Maintenance Cash Instructions	
→ Total Collat	eral Values (T2S DCA)		TARGE	T2-SECURITIES	Welcome to T2S

2. The user will be directed to the screen below, where should click on the "NEW" button (on the bottom left corner);

ta						BANCO M	Nelcome to T2S-Implementation, Vitor Galv	ao - CB > Logout	> Help   2022-07-28 17:49:25
SECUDITIES	0464	SEDVICES	MONITORING				SESSION ID: KONVEXCEJUNCSKIS/UCKAI-172	o stage: User rest	version: 0.00.830/30.06.2022 13:37
Cash a Limith a h	GASH mmadiate Liquidity Transfers	SERVICES	MONITORING						
Gasir # Exploring # 1	mineurate Exquiraty Transfers								Version 0.91-03 GBB NGF AA
Search Criteria - Immedia	te Liquidity Transfers				Ŕ				
Party - Search Criteri	a								
Parent BIC		Party BIC							
Other Search Criteria									
T2S Dedicated Cash Acc	ount Number ±	Currency all v	Settlement Date and Time from to	0	External RTGS Status *				
Credit/ Debit Code *		Value Date	Sending Time from 0						
Sort by *	Party BIC O Currency O	Settlement Status O RTC	3S Status    Unsorted						
Search Reset									
New Details	Related Inbound Messag	es Related Outbound Me	ssages Revisions	ору					

- 3. The user must:
  - enter the DCA account number to be debited in the T2S Dedicated Cash Account Number field;
  - the field Users Reference is automatically filled in, but the user can edit it and insert a reference of his own;
  - enter the amount to be transferred in the Amount field;
  - select the option Outbound liquidity Transfer and enter the **MCA number to be credited** in the field External Account Number.

After filling in all the above fields, the user should click on the Submit button.

SECURITIES	CASH	SERVICES	MONITORING				
🗇 Cash » Liquidity » Ir	mmediate Liquidity Transfers	New Immediate Liquidity Tr	ansfer				
Immediate Liquidity Transfer     (*)       Debit Cash Account     (*)       T2S Dedicated Cash Account Number *     T2S Dedicated Cash Account Owner       CPTEURBGALPTTGXXX0001MA001     ±       BdP - DPG							
Liquidity Transfer Users Reference * 220729173354CP		Amount *	2]EUR				
Credit Cash Account Cutbound Liquidity Trai External Account Number MPTEURBGALPTTGSSB000 Creditor BIC	Credit Cash Account <ul> <li>Outbound Liquidity Transfer</li> <li>External Account Number *</li> <li>T2S Dedicated Cash Account Number</li> <li>MPTEURBGALPTTGSSB0001001</li></ul>						
Submit Cancel	Reset						

4. The user is redirected to the screen where he must sign the task. To do this, the user must select his certificate and then click the Sign button.

SECURITIES	CASH	SERVICES	MONITORING						
💝 Cash » Liquidity » In	Cash » Liquidity » Immediate Liquidity Transfers » New Immediate Liquidity Transfer								
Go>Sign Tool	Go>Sign Tool								
Please sign the reque	st with your key								
Action: Create Immedia User: Vitor Galvao - ( Party: BdP Time: 2022-07-29 17:34 Session ID: 909ejLCqH4	Action: Create Immediate Liquidity Transfer User: Vitor Galvao - CB Party: BdP Time: 2022-07-29 17:36:38.191 Session ID: 909ejLCqHqRwUNgjItHcQub								
Select Signing Certificate:	pgu110, N/A 🗸			Sign					
Immediate Liquidity Transf	fer			٤					
Debit Cash Account									
T2S Dedicated Cash Acco CPTEURBGALPTTGXXX0	ount Number * 001MA001	T2S Dedicated Cash Acco BdP - DPG	ount Owner						
Debitor BIC									
Liquidity Transfer									
Users Reference * 220729173354CP		Amount * 2.00 EUR							
Credit Cash Account	Credit Cash Account								
Outbound Liquidity Trans	nsfer 🔘 Internal Liquidity T	ransfer							
External Account Number MPTEURBGALPTTGSSB0	• * 001001	T2S Dedicated Cash Acco	ount Number						
Creditor BIC									

If the user is working in four eyes mode, a second user needs to go to Services » Data Changes and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must click Approve.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

	-
ID	T2S.U2A.004
Name	Process liquidity transfer order from T2S to RTGS
Applicable to	T2S DCA holder
Pre-conditions	User should have been granted the role AH T2S Liquidity Manager 2E/4E
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference
Description:	·

#### 2.8.1.4 T2S.U2A.004 - Process liquidity transfer order order from T2S to RTGS

To insert a liquidity transfer from a T2S DCA to a RTGS DCA the user shall:

1. Select the main menuentry "Cash" and click on the sub-menuentry "Immediate Liquidity Transfers";

					BANCO DE Veico PORTUGAL
SECURITIES	CASH	SERVICES	MONITORING		
CASHACC	OUNT	LIQUIDITY		SETTLEMENT	
» Cash Acco	ount Balances	» T2S Overall L	Liquidity	» Intra-Balance Movements	
» Limit Utilisa	ations	» Total Stand. /	Predef. Liq. Transfers	» Maintenance Cash Instructions	
» Limit Utilisa	ation Journal	» Immediate Li	quidity Transfers		
» Cash Acco	ount Postings	» Outstanding	Auto-Coll. Credit		
» Cash Rest	rictions	» Data Change	'S		
» Cash Fore	casts				
» Collateral V	Values (Security)				
» Collateral V	Values (T2S DCA and Sec.)				
» Total Colla	teral Values (T2S DCA)				
			TARGE	T2-SECURITIES	Welcome to T2S

2. The user will be directed to the screen below, where should click on the "NEW" button (on the bottom left corner);

tas						BANCO DE PORTUGAL	Velcome to T2S-Implementation, Vitor Galvao	- CB > Logout	> Help   2022-07-28 17:49:25
SECURITIES	CASH	SERVICES	MONITORING			 			
Cash » Liquidity » Immediate L	iquidity Transfers					 			version 0.91-03 🕼 🗟 🕸 🗛
Search Criteria - Immediate Liquidity	y Transfers				<u>^</u>				
Party - Search Criteria		Darty RIC							
p		p							
Other Search Criteria		Currents	Faithment Data and Time		Enternal DT/CE Status				
123 Dedicated Cash Account Nume	±	all v	from		All V				
			to	0					
Credit/ Debit Code *		Value Date	from 0						
			to 🔅						
Sort by *		Settlement Status	S Status ( Unsorted						
0.000000	0 00000	0	0 00000						
Crewit David									
Search Reset									
New Details Related	Inbound Message	Related Outbound Me	ssages Revisions 0	opy					

- 3. The user must:
  - enter the DCA account numberto be debited in the T2S Dedicated Cash Account Number field;
  - the field Users Reference is automatically filled in, but the user can edit it and insert a reference of his own;
  - enter the amount to be transferred in the Amount field;
  - select the option Outbound liquidity Transfer and enter the **RTGS DCA number to be credited** in the field External Account Number.

After filling in all the above fields, the user should click on the Submit button.

SECURITIES	CASH	SERVICES	MONITORING					
🖗 Cash » Liquidity » Im	mediate Liquidity Transfers	New Immediate Liquidity 1	Fransfer					
Immodiate Liquidity Transf	or							
	ei			×				
T2S Dedicated Cash Acco CPTEURBGALPTTGXXX000	unt Number * 1MA001 ±	T2S Dedicated Cash Act BdP - DPG	count Owner					
Debitor BIC BGALPTTGXXX								
Liquidity Transfer								
Users Reference * 220728180133CP		Amount *	DO EUR					
Outbound Liquidity Tran External Account Number RPTEURBGALPTTGXXX000 Creditor BIC BGALPTTGXXX	Credit Cash Account <ul> <li>Outbound Liquidity Transfer</li> <li>Internal Liquidity Transfer</li> </ul> External Account Number *       T2S Dedicated Cash Account Number         RPTEURBGALPTTGXXX0001001XXX       ±         Creditor BIC       BGALPTTGXXX							
Submit Cancel	Reset							

4. The user is redirected to the screen where he must sign the task. To do this, the user must select his certificate and then click the Sign button.

			_			
SECURITIES	CASH	SERVICES	MONITORING			
🖗 Cash » Liquidity » In	nmediate Liquidity Transfers	New Immediate Liquidity Tr	ansfer			
Go>Sign Tool						*
Please sign the reque	st with your key					
Action: Create Immedi User: Vitor Galvao - ( Party: BdP Time: 2022-07-29 16:1 Session ID: m081HSVMW	ate Liquidity Transfer 28 3:16.738 aLBHep_3QVqGub					
Select Signing Certificate:	Select Signing Certificate: Sign					
Immediate Liquidity Transf	fer				*	)
Debit Cash Account T2S Dedicated Cash Acco CPTEURBGALPTTGXXX0 Debitor BIC 	ount Number * 001MA001	T2S Dedicated Cash Acco BdP - DPG	ount Owner			
Liquidity Transfer						
Users Reference * TRFLIQTESTE		Amount * 1.00 EUR				
Credit Cash Account						
Outbound Liquidity Tran	nsfer 🔘 Internal Liquidity Tr	ansfer				
External Account Number RPTEURBGALPTTGSSB0	- * 001001	T2S Dedicated Cash Acco	ount Number			
Creditor BIC						

If the user is working in four eyes mode, a second user needs to go to Services » Data Changes and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must click Approve.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

ID	T2S.U2A.005
Name	Process liquidity transfer order from T2S to TIPS
Applicable to	T2S DCA holder
Pre-conditions	User should have been granted the role AH T2S Liquidity Manager 2E/4E
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference

## 2.8.1.5 T2S.U2A.005 - Process liquidity transfer order from T2S to TIPS

## Description:

To insert a liquidity transfer from a T2S DCA to a TIPS DCA the user shall:

1. Select the main menuentry "Cash" and click on the sub-menuentry "Immediate Liquidity Transfers";

					BANCO DE PORTUGAL PORTUGAL
SECURITIE	S CASH	SERVICES	MONITORING		
CASH	ACCOUNT	LIQUIDITY		SETTLEMENT	
> Cash	Account Balances	» T2S Overall L	iquidity	» Intra-Balance Movements	
> Limit	Utilisations	» Total Stand. /	Predef. Liq. Transfers	» Maintenance Cash Instructions	
> Limit	Utilisation Journal	» Immediate Lic	uidity Transfers		
» Cash	Account Postings	» Outstanding A	uto-Coll. Credit		
» Cash	n Restrictions	» Data Change:	5		
» Cash	n Forecasts				
» Colla	ateral Values (Security)				
» Colla	ateral Values (T2S DCA and Sec.	)			
> Total	Collateral Values (T2S DCA)				
			TARGE	T2-SECURITIES	Welcome to T2S

2. The user will be directed to the screen below, where should click on the "NEW" button (on the bottom left corner);

tas						BANCO IN PORTUGAL	Velcome to T2S-Implementation, Vitor Galvao - CB > Logou Session ID: kQkvf%cObuNC3kr57UCKk7-17255 State: User Te	t   > Help   2022-07-28 17:49:25 st Version: 6.00.830 38.05.2022 13:37
SECURITIES	CASH	SERVICES	MONITORING					
Cash > Liquidity > I	mmediate Liquidity Transfers							version 0.91-03 🎰 🖼 😂 🗚
Search Criteria - Immedia	e Liquidity Transfers				8			
Party - Search Criteri	1							
Parent BIC		Party BIC						
Other Search Criteria								
T2S Dedicated Cash Acc	bunt Number	Currency all v	Settlement Date and Time fromto	0 All	• * •			
Credit/ Debit Code *		Value Date	Sending Time from 0					
Sort by *	Party BIC 🔘 Currency 🔘	) Settlement Status 🔘 RTG	S Status () Unsorted					
Search Reset								
New Details	Related Inbound Messag	es Related Outbound Me	Revisions C	ору				

- 3. The user must:
  - enter the DCA account number to be debited in the T2S Dedicated Cash Account Number field;
  - the field Users Reference is automatically filled in, but the user can edit it and insert a reference of his own;
  - enter the amount to be transferred in the Amount field;
  - select the option Outbound liquidity Transfer and enter the **TIPS DCA number to be credited** in the field External Account Number.

After filling in all the above fields, the user should click on the Submit button.

SECURITIES	CASH	SERVICES	MONITORING	
🖗 Cash » Liquidity » Ir	nmediate Liquidity Transfers 🤉	New Immediate Liquidity Tr	ansfer	
Immediate Liquidity Trans	fer			\$
Debit Cash Account T2S Dedicated Cash Acco CPTEURBGALPTTGXXX000 Debitor BIC	ount Number * 11MA001 ±	T2S Dedicated Cash Acco BdP - DPG	ount Owner	
Liquidity Transfer Users Reference * 220729173354CP		Amount *	2 EUR	
Credit Cash Account Outbound Liquidity Tran External Account Number	Credit Cash Account  Outbound Liquidity Transfer  To Due to the second			
MPTEURBGALPTTGSSB000	11001 ±			
Submit Cancel	Reset			

4. The user is redirected to the screen where he must sign the task. To do this, the user must select his certificate and then click the Sign button.

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SECURITIES	CASH	SERVICES	MONITORING	
🖗 Cash » Liquidity » In	nmediate Liquidity Transfers	» New Immediate Liquidity Transition	ansfer	'
Go>Sign Tool				
Please sign the reque	st with your key			
Action: Create Immedi User: Vitor Galvao - ( Party: BdP Time: 2022-07-29 17:34 Session ID: 909ejLCqH4	Action: Create Immediate Liquidity Transfer User: Vitor Galvao - CB Party: BdP Time: 2022-07-29 17:36:38.191 Session ID: 909ejLCqHqRwUNgjItHcQub			
Select Signing Certificate:	pgu110, N/A 🗸			Sign
Immediate Liquidity Transf	ier			(*)
Debit Cash Account				
T2S Dedicated Cash Acco CPTEURBGALPTTGXXX0	ount Number * 001MA001	T2S Dedicated Cash Acco BdP - DPG	ount Owner	
Debitor BIC				
Liquidity Transfer				
Users Reference * 220729173354CP		Amount * 2.00 EUR		
Credit Cash Account	Credit Cash Account			
Outbound Liquidity Trans	Outbound Liquidity Transfer     O Internal Liquidity Transfer			
External Account Number MPTEURBGALPTTGSSB0	- * 001001	T2S Dedicated Cash Acco	ount Number	
Creditor BIC				

If the user is working in four eyes mode, a second user needs to go to Services » Data Changes and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must click Approve.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

## 2.8.2 Application-to-Application (A2A)

ID	T2S.A2A.001
Name	Process liquidity transfer order between two T2S DCAs
Applicable to	T2S DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH T2S Liquidity Manager 2E/4E

2.8.2.1 T2S.A2A.001 - Process liquidity transfer order between two T2S DCAs

The T2S DCAs have to belong to the same party or be linked to the same external RTGS account

**Test Evidence** | Copy of the sent camt.050 and the received camt.025

#### Description:

The following steps are required to process a liquidity transfer from a T2S DCA to another T2S DCA in A2A mode:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the T2S DCA to be debited and tag Credit Account >> Account number is filled in with number of the T2S DCA to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the T2S DCA holder.

ID	T2S.A2A.002
Name	Process liquidity transfer order from T2S to CLM
Applicable to	T2S DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH T2S Liquidity Manager 2E/4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

#### 2.8.2.2 T2S.A2A.002 - Process liquidity transfer order from T2S to CLM

#### **Description:**

The following steps are required to process a liquidity transfer from T2S to CLM in A2A mode:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the T2S DCA to be debited and tag Credit Account >> Account number is filled in with number of the CLM account to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the T2S DCA holder.

ID	T2S.A2A.003
Name	Process liquidity transfer order from T2S to RTGS
Applicable to	T2S DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH T2S Liquidity Manager 2E/4E

#### 2.8.2.3 T2S.A2A.003 - Process liquidity transfer order from T2S to RTGS

#### Description:

The following steps are required to process a liquidity transfer from T2S to RTGS in A2A mode:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the T2S DCA to be debited and tag Credit Account >> Account number is filled in with number of the RTGS DCA account to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the T2S DCA holder.

2.8.2.4 T2S.A2A.004 - Process liquidity transfer order from T2S to TIPS

ID	T2S.A2A.004
Name	Process liquidity transfer order from T2S to TIPS
Applicable to	T2S DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH T2S Liquidity Manager 2E/4E
Test Evidence	Copy of the sent camt.050 and the received camt.025

#### Description:

The following steps are required to process a liquidity transfer from T2S to TIPS in A2A mode:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the T2S DCA to be debited and tag Credit Account >> Account number is filled in with number of the TIPS DCA account to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the T2S DCA holder.

ID	T2S.A2A.005
Name	Receive camt.054 debit notification
Applicable to	T2S DCA holders with A2A connection
Pre-conditions	T2S DCA holder has subscribed the reception of camt.054 for the T2S DCA
Test Evidence	Copy of the received camt.054
Description:	

#### 2.8.2.5 T2S.A2A.005 - Receive camt.054 debit notification

To test the reception of a debit notification via camt.054 the participant shall:

- 1. Ensure that there is a debit in the T2S DCA (due to the settlement of a securities transaction or due to a liquidity transfer to other account);
- 2. Verifiy the correct reception of the camt.054 debit notification for the T2S DCA and verify that it was correctly integrated in the internal applications.

ID	T2S.A2A.006
Name	Receive camt.054 credit notification
Applicable to	T2S DCA holders with A2A connection
Pre-conditions	T2S DCA holder has subscribed the reception of camt.054 for the T2S DCA
Test Evidence	Copy of the received camt.054

### 2.8.2.6 T2S.A2A.006 - Receive camt.054 credit notification

#### Description:

To test the reception of a credit notification via camt.054 the participant shall:

- 1. Ensure that there is a credit in the T2S DCA (due to the settlement of a securities transaction or due to a liquidity transfer from other account);
- 2. Verifive the correct reception of the camt.054 Credit notification for the T2S DCA and confirm that it was correctly integrated in the internal applications.

#### 2.8.2.7 T2S.A2A.007 - Process T2S Statement of Accounts

ID	T2S.A2A.007
Name	Process T2S Statement of Accounts
Applicable to	T2S DCA holders with A2A connection
Pre-conditions	T2S DCA holder has subscribed the reception of camt.053 for the T2S DCA
Test Evidence	Copy of the received camt.053

### Description:

To test the processing of a camt.053 - T2S Statement of Accounts the participant shall verifive the correct reception of the camt.053 and confirm that it was correctly integrated in the internal applications.

# 2.9 TIPS - TARGET Instant Payments Settlement

## 2.9.1 User-to-Application (U2A)

## 2.9.1.1 TIPS.U2A.001 - Access to TIPS

ID	TIPS.U2A. 001
Name	Access to TIPS
Applicable to	TIPS DCA holder
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Party Query The User-DN link must have the flag "Main User"
Test Evidence	Printscreen of the TIPS homepage

## Description:

User should access the ESMIG landing page > select the service "TIPS" in the services area > select "TIPS" in the component or application area > select the respective system user reference in the "System User" area > press the Submit button, after which the user will be redirected to TIPS.

	ual yeu		Stage: UTEST   Version 1.0.3   0	io Sign Client: & 32 bit & 64 bit
		Choose an Applic	Services List auton and your System User Reference	
Choose a Service				
□ <b>◊</b> T2	☐ <b>♦</b> T25	G TIPS		
Choose Component or A	pplication		Choose a System User 1₫	Search for user
🛛 😐 Billing				
D 😐 Data Migration 1	fool		O IPTBGALPTT0IPSPGU110	
🗹 😐 TIPS			O IPTBGALPTTOTIPPGU110	
□	ment System		O IPTBGALPTTGIPSPGU110	
Submit				



2.9.1.2 TIF	S.U2A.0	02 – (	Query	avalable	liquidity
-------------	---------	--------	-------	----------	-----------

ID	TIPS.U2A.002
Name	Query avalable liquidity
Applicable to	TIPS DCA holder
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH ESMIG Access</li> <li>AH TIPS Party Query</li> <li>The User-DN link must have the flag "Main User".</li> </ul>
Test Evidence	Printscreen of the query with available liquidity (account list screen)

### Description:

To query the available liquidity on a TIPS DCA, the user shall:

1. Press the main menu entry "Account";



2. The user will be directed to the screen below, where should fill the "Account Number" field with the respective account number;

*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2 @ Acc	ount / Search							€ ⊖ 3
				ACCOUNT LIS	т			
				search for accounts				
Accou	int Number:	1.1						
	ine Humber.							
٩	,Search	Reset						
C	hange Status							

3. It should be possible to assess the availably liquidity (for the timestamp reported in the GUI), and also the account status (unblocked is the usual status).

TIPS PA	RTY ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
Account / Search							€ €
			ACCOUNT LIST search for accounts				
Account Numbe		PTEURBGALPTTGTIPTACC000100					
<b>Q</b> Search	🗙 Reset						
TIPS Party:	E	IGALPTTGTIP	Account Number:	IPTEURBGALPTTGTIPTAC	C0001001		
<u></u>	E	110	A	Upplacked			
currency:	L		Account status:	onoideked			

## 2.9.1.3 TIPS.U2A.003 - Process liquidity transfer order between a TIPS DCA and an ASTA

ID	TIPS.U2A. 003
Name	Process liquidity transfer order between a TIPS DCA and an Ancillary System Technical Account (ASTA)
Applicable to	TIPS DCA holder participant in Instant Transfers subsystem of SICOI (SICOI-IPS)
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Party Query • AH TIPS Liquidity Manager The User-DN link must have the flag "Main User"
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference

## Description:

To process a liquidity transfer order between two TIPS DCAs, the user shall:

1. Press the main menu entry "Liquidity Transfer";



2. The user will be directed to the screen below, where should click on the "NEW" button;

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 18:24   > ? Help   > & Logout Session ID: RIZFKJaYEV.ZE%3D Business Date: 2022-07-29 Stage: CRT Version: 5.0.0				■ Logout	
TIPS PARTY ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2   Liquidity Transfer / Search						€₿₿
	LIQU	IDITY TRANSFE search for Liquidity transf	R LIST			
Liquidity Transfer reference:		Debtor BIC:	1			
Q Search X Reset						
New						

- 3. The user must:
- Insert the Debtor BIC of the TIPS DCA to be debited in the Debtor BIC field;
- Insert the TIPS DCA to debit in the Debtor Account field;
- Insert the Credit BIC (registered in the Ancillary System) to be credited in the Creditor BIC field. In case of SICOI-IPS is 'BGALPTGIPS';
- Insert the TIPS ASTA to be credited in the Creditor Account field. In case of SICOI-IPS is 'IPTEURBGALPTTGIPSTAST0001001';
- Insert the amount to transfer;
- Select the option EUR in the Currency field;
- Insert a reference in the Instruction Reference field;
- Insert a reference in the End to end reference field.

After filling in all the fields, press the Submit button.

t	arge			Welcome Session ID:	CPTBGALPTTGXXXCBPGU110 EtlBalGZT%.kE%3D Business Date	2022-08-01 (2022-08-01)	09:29   » ? Help  » ge: CRT Version: 5.0.0	🗗 Logout
*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
4 👁 Liqui	dity Transfer /	Search / New						€ ⊖ €
			LIC	QUIDITY TRANS	FER			
Debtor	BIC:			Debtor Account:	1			
Credito	or BIC:			Creditor Account:	1			
Amour	nt:			Currency:	1		~	
Instruc	tion reference:			End to end reference:				
<b>+</b> s	iubmit 🗙	Reset	t Cancel					

4. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 19:25   » ? Help  » a Logout Session ID: weeQoCNkgR.Swmnc Business Date: 2022-08-01 Stage: CRT Version: 50.0
R TIPS PARTY ACCOUNT CREDIT MEMORANDUM BALA	NCE LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL
🛿 🌑 Liquidity Transfer / Search / New / NRO	€ ⊖ Ø
Please sign the request with your key Action>LQTR User>CPTBGALPTTGXXXCBPGU110 Party>BGALPTTGXXX Time>2022-07-29 19:27:49 Time> SessionID>weeOcon NikP8rcr20+2PDT87xCXVIbA8n7EEnn5UE7942BM	
2FCD%2BJF621MdUqYdzgum8KCJ4tH4J5gWB2ldcPHK%2BlUMhJbX Dsfdk4%2F8x0c7kVQssAaRHIIQ2RbtZkAkkW3Zq4kvZegGBkLJGdlc2	JorHonm8mXur6M%2BMHhbvTBKx8WOMqJsGtn0Okej5W7e9GUFWmTPERPh7XOr9TTkMagqet%2Ba1Twfz ttLZxJEDb87khmmk5mw%2BrZ5%2F30AdGhav3ZuNhzcUtiaOUOeFpW4e8K1u%2BjaPb36RwMGY2t4ZDrrV
Select certificate: pgu110, N/A	Enter PIN [Attempt: 1]
OK Refresh	
Signed Request	
	<i>k</i>

If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must press the Approve button.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

## 2.9.1.4 TIPS.U2A.004 - Process liquidity transfer order TIPS to CLM

ID	TIPS.U2A. 004		
Name	Process liquidity transfer order from TIPS to CLM		
Applicable to	TIPS DCA holder		
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Party Query • AH TIPS Liquidity Manager The User-DN link must have the flag "Main User".		
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference		
Description:			

# To process a liquidity transfer order from a TIPS DCA to a MCA in CLM, the user shall:

## 1. Press the main menu entry "Liquidity Transfer";

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110         2022-07-29 18:24   » ? Help   » Cogout         Session ID: RIZFIJAYEV ZE%3D       Business Date: 2022-08-01         Stage: CRT       Version: 5.0.0
TIPS PARTY ACCOUNT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL
TARG	TIPS U2A ET Instant Payment Settlement
	WHAT IS TIPS?
TIPS is a harmonised and standardised pan-European serv	vice with common functionalities for the settlement of Instant Payments across different countries and jurisdictions.

### 2. The user will be directed to the screen below, where should click on the "NEW" button;

target TIPS		Welcome Session ID:	CPTBGALPTTGXXXCBPGU110 RIZFkJaYEV.ZE%3D Business Date:	2022-07-29 2022-07-29 Stag	9 18:24   » ? Help  » ge: CRT Version: 5.0.0	■ Logout
TIPS PARTY ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2 👁 Liquidity Transfer / Search						🗲 🖨 C
	LIQU	IDITY TRANSFE search for Liquidity trans	ER LIST			
Liquidity Transfer reference:		Debtor BIC:				
Q Search X Reset						

- 3. The user must:
- Insert the Debtor BIC of the TIPS DCA to be debited in the Debtor BIC field;
- Insert the number of TIPS DCA to be debited in the Debtor Account field;
- Insert the Credit BIC of the CLM account to be credited in the Creditor BIC field;
- Insert the CLM account to be credited in the Creditor Account field;
- Insert the amount to transfer;

- Select the option EUR in the Currency field;
- Insert a reference in the Instruction Reference field;
- Insert a reference in the End to end reference field.

After filling in all the fields, press the Submit button.

t	arge			Welcome Session ID:	CPTBGALPTTGXXXCBPGU110 EtlBalGZT%.kE%3D Business Date	2022-08-01 2022-08-01	09:29   » ? Help  » ge: CRT Version: 5.0.0	Logout
*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
4 👁 Liqui	idity Transfer /	Search / New						€ ⊖ 2
			LIC	QUIDITY TRANS	FER			
Debto	r BIC:			Debtor Account:				
Credito	or BIC:			Creditor Account:	1			
Amour	nt:			Currency:	1		~	
Instru	ction reference:	- I		End to end reference:				
+ 9	Submit 🗙	Reset 🗙	Cancel					

4. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;

target	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 19:25   » ? Help   » D Logo Session ID: weeQoCNkgR.Swmnc Business Date: 2022-08-01 Stage: CRT Version: 5.0.0	ut
# TIPS PARTY ACCOUNT CREDIT MEMORANDUM BALA	ANCE LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL	
4      Liquidity Transfer / Search / New / NRO	÷	<b>₽ C</b>
Please sign the request with your key <action>LQTR</action> <user>CPTBGALPTTGXXXCPBGU110</user> <party>BGALPTTGXXX</party> <time>2022-07-20 19:27:49</time>		Â
<sessionid>weeQoCNkgRccz%2FDt8zxCXYjbA8pZEEpn5UE7%2BM 2FCD%2BJF621MdUqYdzgum8KCJ4tH4J5gW82ldcPHX%2BlUMhjb) Dsfdk4%2F8x0c7kVQssAaRHIQ2RbtZkAkkW3Zq4kvZegGBkLJGdlc2</sessionid>	MDLeJivsBrjunx5ukyMgRam4AgoYnwtpAwiWXzFWov2Q%2BP5Ywc40yrWw765zQjhkGqWj5DwAdKNjsd8Bx XjorHonm8mXur6M%2BMHbbvTBKx8WOMdjsGtn00kej5W7e9GUFWmTPERPh7XOr9TTKMagqet%2Ba1Tw cztLzyEDb87khmmk5mw%2BrZ5%2F30AdGhav3ZuNhzcUtiaOUOeFpW4e8K1u%2BjaPb36RwMGY2t4ZDrrv	16 fz 
Select certificate: pgu110, N/A	OK Cancel	
OK Refresh		
Signed Request		
		11

If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must press the Approve button.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

## 2.9.1.5 TIPS.U2A.005 - Process liquidity transfer order TIPS to RTGS

ID	TIPS.U2A. 005		
Name	Process liquidity transfer order from TIPS to RTGS		
Applicable to	TIPS DCA holder		
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Party Query • AH TIPS Liquidity Manager The User-DN link must have the flag "Main User"		
Test Evidence	Printscreen of the liquidity transfer order or its instruction reference		
Description:			

To process a liquidity transfer order from a TIPS DCA to a RTGS DCA, the user shall:

1. Press the main menu entry "Liquidity Transfer";



2. The user will be redirected to the screen below, where should click on the "NEW" button;

target TIPS		Welcome Session ID:	CPTBGALPTTGXXXCBPGU110 RIZFkJaYEV.ZE%3D Business Date:	2022-07-29 2022-07-29 Stag	9 18:24   <b>» ?</b> Help   <b>»</b> e: CRT Version: 5.0.0	Cogout
TIPS PARTY ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2   Liquidity Transfer / Search						€ ⊖ C
	LIQU	IDITY TRANSFE	RLIST			
		search for Liquidity transf	er			
Liquidity Transfer reference:		Debtor BIC:				
Q Search X Reset						
New						

- 3. The user must:
- Insert the Debtor BIC of the TIPS DCA to be debited in the Debtor BIC field;
- Insert the number of TIPS DCA to be debited in the Debtor Account field;
- Insert the Credit BIC of the RTGS DCA to be credited in the Creditor BIC field;
- Insert the RTGS DCA to be credited in the Creditor Account field;
- Insert the amount to transfer;

- Select the option EUR in the Currency field;
- Insert a reference in the Instruction Reference field;
- Insert a reference in the End to end reference field.

After filling in all the fields, press the Submit button.

t	arge			Welcome Session ID:	CPTBGALPTTGXXXCBPGU110 EtlBalGZT%.kE%3D Business Date	2022-08-01 : 2022-08-01 Stag	09:29   » ? Help  » ge: CRT Version: 5.0.0	Logout
#	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
4 👁 Liqui	idity Transfer /	Search / New						🗧 🗧 🗧
			LIC	QUIDITY TRANS	FER			
Debto	r BIC:			Debtor Account:				
Credito	or BIC:			Creditor Account:	L			
Amou	nt:			Currency:			*	
Instrue	ction reference:			End to end reference:	1			
+ 9	Submit 🗙	Reset 🗙	Cancel					

4. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 19:25   » ? Help   » 📽 Logout Session ID: weeQoCNkgR.Swmnc Business Date: 2022-08-01 Stage: CRT Version: 5.0.0	
# TIPS PARTY ACCOUNT CREDIT MEMORANDUM BAI	LANCE LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL	
🛿 🌑 Liquidity Transfer / Search / New / NRO	<b>↔</b> <del>0</del>	0
Please sign the request with your key <action>LQTR</action> <user>CPTBGALPTTGXXXCBPGU110</user> <party>BGALPTTGXXX</party> <time>2022-07-29 19:27:49</time>		<b>A</b>
<sessionid>weeQoCNkgRccz%2FDt8zxCXYjbA8pZEEpn5UE7%2B 2FCD%2BjF621MdUqYdzgum8KCj4tH4J5gWB2ldcPHK%2BlUMhjt Dsfdk4%2F8x0c7kVQssAaRHIIQ2RbtZk4kkW3Zq4kvZegGBkLGdi</sessionid>	MDLejlvsBrJunxSukyMgRam4AgoYnwtpAwiWXzFWov2Q%2BPSYwc40yrWw765zQjhkGqWj5DwAdKNjsd8Bx% bXjorHonm8mXur6M%2BMHhbvTBKx8WOMqjsGtn0Okej5W7e9GUFWmTPERPh7XOr9TTkMagqet%2Ba1Twfz IcZtLZXjEDb87khmmk5mw%2BrZ5%2F30AdGhav3ZuNhzcUtiaOUOeFpW4e8K1u%2BjaPb36RwMGY2t4ZDrrV	•
Select certificate: pgu110, N/A	Enter PIN [Attempt: 1]	
OK Refresh		
Signed Request		
		11

If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must press the Approve button.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

## 2.9.1.6 TIPS.U2A.006 - Process liquidity transfer order from TIPS to T2S

ID	TIPS.U2A. 006		
Name	Process liquidity transfer order from TIPS to T2S		
Applicable to	TIPS DCA holder		
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Party Query • AH TIPS Liquidity Manager The User-DN link must have the flag "Main User"		
Test Evidence	dence Printscreen of the liquidity transfer order or its instruction reference		
Description:			

# To process a liquidity transfer order from a TIPS DCA to a T2S DCA, the user shall:

## 1. Press the main menu entry "Liquidity Transfer";

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 18:24   » ? Help   » Cogout Session ID: RIZFKJaYEV.ZE%3D Business Date: 2022-08-01 Stage: CRT Version: 5.0.0						
TIPS PARTY ACCOUNT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL						
TARG	TIPS U2A ET Instant Payment Settlement						
	WHAT IS TIPS?						
TIPS is a harmonised and standardised pan-European servi	ice with common functionalities for the settlement of Instant Payments across different countries and jurisdictions.						

### 2. The user will be redirected to the screen below, where should click on the "NEW" button;

target TI	PS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 18:24   > ? Help   > 1 Logout Session ID: RIZFIJaYEV.ZE%3D Business Date: 2022-07-29 Stage: CRT Version: 5.0.0					
A TIPS PARTY ACCOUN	NT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL		
2   Liquidity Transfer / Search						<b>€ ⊖ 2</b>	
	LIQU	IDITY TRANSFE search for Liquidity transf	ER LIST				
Liquidity Transfer reference:		Debtor BIC:	1				
Q Search X Reset							
New							

- 3. The user must:
- Insert the Debtor BIC of the TIPS DCA to be debited in the Debtor BIC field;
- Insert the number of TIPS DCA to be debited in the Debtor Account field;
- Insert the Credit BIC of the RTGS DCA to be credited in the Creditor BIC field;
- Insert the RTGS DCA to be credited in the Creditor Account field;
- Insert the amount to transfer;

- Select the option EUR in the Currency field;
- Insert a reference in the Instruction Reference field;
- Insert a reference in the End to end reference field.

After filling in all the fields, press the Submit button.

t	arge			Welcome CPTBGALPTTGXXXCBPGU110       2022-08-01 09:29       ? Help  > * Logout         Session ID: EtBalG2T% kE%3D       Business Date: 2022-08-01       Stage: CRT       Version: 5.0.0				
*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
4 👁 Liqui	idity Transfer /	Search / New						€ ⊖ 2
			LIC	QUIDITY TRANS	FER			
Debto	r BIC:			Debtor Account:				
Credito	or BIC:			Creditor Account:	1			
Amour	nt:			Currency:	1		~	
Instru	ction reference:	- I		End to end reference:				
+ 9	Submit 🗙	Reset 🗙	Cancel					

4. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;

target TIPS	Welcome CPTBGALPTTGXXXCBPGU110   2022-07-29 19:25   » ? Help  »  Logout Session ID: weeQoCNkgR.Swmnc Business Date: 2022-08-01 Stage: CRT Version: 5.0.0
# TIPS PARTY ACCOUNT CREDIT MEMORANDUM BAL	ANCE LIQUIDITY TRANSFER PAYMENT TRANSACTION TASK LIST AUDIT TRAIL
4 👁 Liquidity Transfer / Search / New / NRO	€ ⊖ C
Please sign the request with your key <action>LQTR</action> <user>CPTBGALPTTGXXXCBPGU110</user> <party>BGALPTTGXXX</party>	Í.
<time>2022-07-29 19:27:49</time> <sessionid>weeQoCNkgRcc2%2PDt8zxCXYJbA8pZEEpn5UE7%2B 2FCD%2BJF621MdUqYdzgum8KCj4tH4J5gWB2ldcPHK%2BIUMhJj Dsfdt44%2F8x0c7kVQssAaRHIIQ2Rbt2kAkkW3Zq4kvZegGBkLjGdt</sessionid>	MDLejlvsBrJunxSukyMgRam4AgoYnwtpAwiWXzFWov2Q%2BPSYwc40yrWw765zQjhkGqWj5DwAdKNjsd8Bx% xXjorHonm8mXur6M%2BMHhbvTBKx8WOMqJsGtn0Okej5W7e9GUFWmTPERPh7XOr9TTkMagqet%2Ba1Twfz zCILZXJEDb87khmmkSmw%2BrZ5%2F30AdGhav3ZuNhzcUtiaOUOeFpW4e8K1u%2BjaPb36RwMGY2t42DrrV
Select certificate: pgu110, N/A	Enter PIN (Attempt: 1)
OK Refresh	
	4

If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details of the transaction. After validating that the data is correct, the user must press the Approve button.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

ID	TIPS.U2A.007				
Name	Query instant payment status				
Applicable to	TIPS DCA holder and TIPS Participant responsible for Reachable				
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH ESMIG Access</li> <li>AH TIPS Party Query</li> <li>The User-DN link must have the flag "Main User"</li> </ul>				
Test Evidence	Printscreen of the result of the query (payment details screen)				

#### 2.9.1.7 TIPS.U2A.007 – Query instant payment status

 To query the status of a previously sent instant payment transaction, the user should reach the screen Payment Transaction >> Advanced Search >> Search; 192)



2. After searching, the user the user will have a list of results according to the search made;

		PAYMENT TRANSACTION ADVANCED LIST Advanced search for Payment Transaction						
Originator BIC:	BANPTPLXX		Beneficiary BIC:					
Cash Account:			Transaction Leg:	Credit or Debit	~			

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Payment Trans	Originat 🔳	Benefici 🔳	Settlemen	E Settlemen.	= A	. =	C ≡	Transac =	Acceptan	E Status	= 6	irr 🗉
2024001	BANKPTPL	OPENESMM	2024-04-18	2024-04-18	11 10	5.12	EUR	Credit or De	2024-04-18 1	1 Settled		
2024002	BANKPTPL	OPENESMM	2024-04-18	2024-04-18	11 43	0.33	EUR	Credit or De	2024-04-18 1	1 Settled		
2024003	BANKPTPL	CAIXESBBX	2024-04-18	2024-04-18	10 18	3.02	EUR	Credit or De	2024-04-18	10 Settled		
< c												•
1 to 100 of 1,000		First	Previous	Page 1 of 10	Next	La	st					
Total rows: 1000												
Details										Export		

3. Through the "Details" option the user should be able to see additional information on the instant payment.

Payment Details			
Payment Transaction Reference:	2024001	Originator BIC:	BANKPTPLXXX
Beneficiary BIC:	OPENESMMXXX	Payment Transaction Type:	Instant Payment
Transaction Status:	SETTLED	Reason Code:	
Settlement Timestamp:	2024-04-18 11:46:26.174	Settlement Business Date:	2024-04-18
Payment Transaction Amount:	106.12	Payment Transaction Currency:	EUR
Payment Transaction end-to-end Reference:	NOTPROVIDED	Acceptance Timestamp:	2024-04-18 11:46:24.015
Payment Transaction Reception Timestamp:	2024-04-18 11:46:24.851	Payment Transaction Forwarding Timestamp:	2024-04-18 11:46:24.871
Confirmation Reception Timestamp:	2024-04-18 11:46:26.166	Confirmation to the Originator Timestamp:	2024-04-18 11:46:26.187
Originator IBAN:	PT50001100001234567899	Originator Name:	ABC, LDS
Beneficiary IBAN:	ES40001100001234567899	Beneficiary Name:	DEF, LDS
Payment Transaction Local Instrument Code:	INST	Payment Transaction Remittance Information:	DEF, LDS
		Download Transaction	Download Confirmation Cancel

# 2.9.1.8 TIPS.U2A.008 - Query the details CMB

ID	TIPS.U2A.008
Name	Query the details CMB
Applicable to	TIPS Participant responsible for Reachable Parties
Pre-conditions	User should have been granted the roles:

	AH ESMIG Access
	AH TIPS Reachable Party Query
Test Evidence	Printscreen of the result of the query (CMB list screen)

To query the details of a CMB, the user shall:

1. Press the main menu entry "Credit Memorandum Balance";

tanget	Welcome Session ID:	CPTBGALPTTGXXXCBBPU312754   2023-05-03 07:31  > 7 Help  > Cogout jujmsxNR%2.Zo%3D Business Date: 2023-05-03 Stage: CRT Version: 5:1.1
TIPS PARTY ACCOUNT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION TASK LIST AUDIT TRAIL
TARGE	TIPS U2A	
	WHAT IS TIPS	?
TIPS is a harmonised and standardised pan-European servi	ce with common function countries and jurisdictior	nalities for the settlement of instant Payments across different ns.

2. The user will be directed to the screen below, where should fill the "CMB Number" field with the respective CMB number;

t	arge			Welcome CPTBGALPTTGXXXCBPU314315   2024-08-06 06:51   » ? Help   » © Logout Session ID: rzBKW%2FzWL8%3D Business Date: 2024-08-06 Stage: PRD Version: 6.1.1					
*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL		
2 👁 Cred	it Memorandum	n Balance / Se	arch					€ ⊖ C	
				CMB LIST					
				search for CMB					
CMB N	umber:								
Q	Search 🛛 🗙	Reset							
Ch	ange Status	Modify Lim	it						

3. It should be possible to assess the details of the CMB.

	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AGDIT HOUL	
Credit Me	emorandum Bala	nce / Searc	n					€₿€
				CMB LIST				
				search for CMB				
CMB N	umber:							
Q	Search 🗙 R	eset						
٩	Search 🗙 R	eset						
QS	Search 🛛 🗙 R	eset						
	Search 🗙 R MB user BIC:	eset	BGALPTTGXXXX	CMB Number:	IPTFL IRBGAL PTTG	XXXXTCMB	0001001	
Q	Search 🗙 R MB user BIC:	eset	BGALPTTGXXXX	CMB Number:	IPTEURBGALPTTG	XXXXTCMB	0001001	
	Search X R MB user BIC: ccount Number:	eset	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001	CMB Number: Currency:	IPTEURBGALPTTG	XXXXTCMB	0001001	
Q S C	Search X R MB user BIC: ccount Number:	eset	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001	CMB Number: Currency:	IPTEURBGALPTTG	XXXXTCM B(	0001001	
	MB user BIC: ccount Number:	eset	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001	CMB Number: Currency:	IPTEURBGALPTTG EUR	XXXXTCM B(	0001001	
Q S Cl Al Ti re	MB user BIC: ccount Number: imestamp of the eported values:	eset IPTEU 20	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001 24-08-06 06:56:41	CMB Number: Currency: CMB Status:	IPTEURBGALPTTG EUR Unblocked	XXXXTCM B(	0001001	
Q S Cl A Tri re	MB user BIC: ccount Number: imestamp of the sported values:	eset IPTEU 20	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001 24-08-06 06:56:41	CMB Number: Currency: CMB Status:	IPTEURBGALPTTG EUR Unblocked	XXXXTCM B(	0001001	
	Search X R MB user BIC: ccount Number: imestamp of the sported values: urrent CBM Limit	eset IPTEU 20 : 50	BGALPTTGXXXX RBGALPTTGXXXXTACC0001001 24-08-06 06:56:41 000.00	CMB Number: Currency: CMB Status: Current CMB Headroom:	IPTEURBGALPTTG EUR Unblocked 50,044.00	XXXXTCM B(	0001001	

## 2.9.2.9 TIPS.U2A.009 – Block/Unblock CMB

ID	TIPS.U2A.009			
Name	Block/Unlock CMB			
Applicable to	TIPS Participant responsible for Reachable Parties			
Pre-conditions	<ul> <li>User should have been granted the roles:</li> <li>AH ESMIG Access</li> <li>AH TIPS Reachable Party Query</li> <li>AH TIPS CMB Manager</li> </ul>			
Test Evidence	Printscreen of the CMB list screen			

## Description:

TIPS Participant with CMB can block, and unblock, a CMB linked to their account for credit operations, debit operations, or both.

To block/unblock the CMB, the user shall:

1. Press the main menu entry "Credit Memorandum Balance";



2. The user will be directed to the screen below, where should fill the "CMB Number" field with the respective CMB number;

ta	nge			Welcome Session ID:	CPTBGALPTTGXXXCBPU3143 rzBKW%2FzW.L8%3D Business Da	15   2024-08 ite: 2024-08-06 S	-06 06:51   » ? Help   itage: PRD Version: 6.1.	» 🗗 Logout
<b>#</b> T	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2 👁 Credit M	1emorandum	Balance / Se	arch					€ ⊖ C
				CMB LIST				
				search for CMB				
CMB Num	ber:							
Q Sear	rch 🗙 I	Reset						
Chang	ge Status	Modify Lim	it					

3. The user should should press the Change Status button;

STIPS PARTY AC	COUNT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION TASK LIST AUDIT TRAIL	
Credit Memorandum Balance	: / Search			€ ⊖ ≎
		CMB LIST		
		search for CMB		
CMB Number:	IPTEURBGALPPTGXXXTCMB00010			
	-			
Q Search 🗙 Rese	et			
CMB user BIC:	PGALDTTGYVVV	CMB Number:		
	BOALFTTOAAAA		IFTEORBOALFTTGAAAATCMB0001001	
Account Number:	IPTELIRBGAL PTTGXXXXTA CCO001001	Currency:	EUR	
Timestamp of the	2024 00 05 05 55 44	CMD Comment	11-11-11-1	
reported values:	2024-08-00 00:50:41	CIMB Status:	Unblocked	
Current CBM Limit:	50,000.00	Current CMB Headroom:	50,044.00	

4. The user must perform the block/unblock throught the New status field, and after filling in the field, press the Submit button;

Change Status				
CMB Number:	IPTEURBGALPTTG	XXXXTCM B0001001		
Current status:	Unblocked	New Status:		~
			Submit	ancel

- 5. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;
- 6. If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details. After validating that the data is correct, the user must press the Approve button.

Hint: to be able to sign tasks, the user must have the Go-Sign Desktop software running.

## 2.9.10 TIPS.U2A.010 - Change CMB limit

ID	TIPS.U2A.010		
Name	Change CMB limit		
Applicable to	TIPS Participant responsible for Reachable Parties		
Pre-conditions	User should have been granted the roles: • AH ESMIG Access • AH TIPS Reachable Party Query • AH TIPS CMB Manager To perform this test it is necessary create CMB limit on CRDM first		
Test Evidence	Printscreen of the CMB list screen before and after the change		

## Description:

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To change the CMB limit, the user shall:

1. Press the main menu entry "Credit Memorandum Balance";



2. The user will be directed to the screen below, where should fill the "CMB Number" field with the respective CMB number;

tanget   TIPS			Welcome CPTBGALPTTGXXXCBPU314315   2024-08-06 06:51   » ? Help   » Cogout Session ID: rzBKW%2FzWL8%3D Business Date: 2024-08-06 Stage: PRD Version: 6.1.1					
*	TIPS PARTY	ACCOUNT	CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION	TASK LIST	AUDIT TRAIL	
2 👁 Cred	it Memorandum	Balance / Se	earch					€⊜2
				CMB LIST				
				search for CMB				
CMB N	lumber:							
Q	Search 🛛 🗙	Reset						
Ch	ange Status	Modify Lin	it					

# 3. The user should should press the Modify Limit button;

ñ	TIPS PARTY AC	COUNT CREDIT MEMORANDUM BALANCE	LIQUIDITY TRANSFER	PAYMENT TRANSACTION TASK LIST AUDIT TRAIL	
2 👁 Credit Mer	morandum Balance	/ Search			€ ⊖ ≎
			CMB LIST		
			search for CMB		
CMB Nu	mber:	IPTEURBGALPPTGXXXTCMB00010			
0.5	and the Design				
QSe	arch X Kese				
СМ	IB user BIC:	BGALPTTGXXXX	CMB Number:	IPTEURBGALPTTGXXXXTCMB0001001	
Acc	count Number:	IPTEURBGALPTTGXXXXTACC0001001	Currency:	EUR	
Tin rep	nestamp of the ported values:	2024-08-06 06:56:41	CMB Status:	Unblocked	
Cu	rrent CBM Limit:	50,000.00	Current CMB Headroom:	50,044.00	
Char	nge Status	Nodify Limit			

4. The user must enter the new amoun in the Limit value field, and after filling in the field, press the Submit button;

CMB Limit				
CMB Number:	IPTEURBGALPTTGXXXXTCMB0001001	ົວຫຼາent limit:	50,000.00	
Limit value:		Unlimited:		
			Submit	Tancel

- 5. The user is redirected to the screen where he must sign the task. To do this, the user must press the Sign button and after that press the OK button. A pop-up window will appear where the user must insert his password and then press the Submit button;
- 6. If the user is working in four eyes mode, a second user needs to go to the main menu Task List and click Search. The user must select the task to be approved and click Details, being redirected to a new screen with the details. After validating that the data is correct, the user must press the Approve button.

**Hint:** to be able to sign tasks, the user must have the Go-Sign Desktop software running.

# Note: at the beginning of the next day, the value set in the CRDM will be restored.

# 2.9.2 Application-to-Application (A2A)

ID	TIPS.A2A.001
Name	Query a TIPS Account balance
Applicable to	TIPS Account holder
Pre-conditions	A2A User should have been granted the role AH TIPS Party Query.
Test Evidence	Copy of the sent camt.003 and the received camt.004

2.9.2.1 TIPS.A2A.001 – Query a TIPS Account balance

#### Description:

- 1. Send a GetAccount (camt.003) message, through the application/software used to communicate with TIPS, using the respective TIPS DCA number.
- 2. Once this message reaches TIPS, a ReturnAccount (camt.004) message is created by TIPS and should be forwarded to the application/software used in the query.
- 3. Then it should be possible to check the account details, such as the available balance and blocking status.

ID	TIPS.A2A.002
Name	Process liquidity transfer order between a TIPS DCA and an Ancillary System Technical Account (ASTA)
Applicable to	TIPS DCA account holder with A2A connection - participant in Instant Transfers subsystem of SICOI (SICOI-IPS)
Pre-conditions	A2A user should have been granted the role AH TIPS Liquidity Manager 2E
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.9.2.2 TIPS.A2A.002 - Process liquidity transfer order between a TIPS DCA and an ASTA

The following steps are required to process a liquidity transfer from a TIPS DCA to another TIPS DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the TIPS DCA to be debited and tag Credit Account >> Account number is filled in with number of the TIPS ASTA to be credited (in case of SICOI-IPS is 'IPTEURBGALPTTGIPSTAST0001001'). The BIC registered in the AS sould be used in order for the provider to reflect correctly the liquidity transfer information on their internal system;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the TIPS DCA holder.

ID	TIPS.A2A.003
Name	Process liquidity transfer order from TIPS to CLM
Applicable to	TIPS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH TIPS Liquidity Manager 2E
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.9.2.3 T	IPS.A2A.003	- Process	liquidity	transfer	order	TIPS	to C	LM
-----------	-------------	-----------	-----------	----------	-------	------	------	----

#### **Description:**

The following steps are required to process a liquidity transfer from a TIPS DCA to a CLM account:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the TIPS DCA to be debited and tag Credit Account >> Account number is filled in with number of the CLM account to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the TIPS DCA holder.

ID	TIPS.A2A.004
Name	Process liquidity transfer order from TIPS to RTGS
Applicable to	TIPS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH TIPS Liquidity Manager 2E
Test Evidence	Copy of the sent camt.050 and the received camt.025

2.9.2.4 TIPS.A2A.004 - Process liquidity transfer order TIPS to RTGS

The following steps are required to process a liquidity transfer from a TIPS DCA to a RTGS DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the TIPS DCA to be debited and tag Credit Account >> Account number is filled in with number of the RTGS DCA to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the TIPS DCA holder.

ID	TIPS.A2A.005
Name	Process liquidity transfer order from TIPS to T2S
Applicable to	TIPS DCA account holder with A2A connection
Pre-conditions	A2A user should have been granted the role AH TIPS Liquidity Manager 2E
Test Evidence	Copy of the sent camt.050 and the received camt.025

#### 2.9.2.5 TIPS.A2A.005 - Process liquidity transfer order from TIPS to T2S

#### Description:

The following steps are required to process a liquidity transfer from a TIPS DCA to a T2S DCA:

- Send a camt.050, where tag Debit Account >> Account number is filled in with the number of the TIPS DCA to be debited and tag Credit Account >> Account number is filled in with number of the T2S DCA to be credited;
- Once the liquidity transfer is correctly settled, a camt.025 with the code value SSTS (SettlementStatus) should be received and properly integrated in the internal applications of the TIPS DCA holder.

#### 2.9.2.6. TIPS.A2A.006 - Send an instant payment

Name	Send an instant payment
Applicable to	TIPS Account holder
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the sent pacs.008 and the returned pacs.002

- 1. Send an instant payment, via FIToFICustomerCreditTransfer (pacs.008) message, through the application/software used to communicate with TIPS. If needed, the user can query the relevant BIC information to process the instant payment in the TIPS Directory;
- Once this message reaches TIPS, a FIToFIPaymentStatusReport (pacs.002) message is created by TIPS, and it should be forwarded to the application/software used in the request;
- 3. Then it should be possible to assess if the instant payment was settled or rejected, and if reject what was the reason code.

**Hint:** Banco de Portugal is available to query the other communities and TIPS participants, if there is the need to get a testing partner to complete the instant payment related tests.

#### 2.9.2.7. TIPS.A2A.007 – Query an instant payment status

ID	TIPS.A2A.007
Name	Query an instant payment status
Applicable to	TIPS Account holder and TIPS Participant responsible for Reachable Parties
Pre-conditions	User should have been granted the role AH TIPS Party Query
Test Evidence	Copy of the sent pacs.028 and the returned pacs.002

#### Description:

- To query the settlement status of a previously sent Instant payment transaction, the user should send a FIToFIPaymentStatusRequest (pacs.028) message, through the application/software used to communicate with TIPS;
- 2. Once this message reaches TIPS, a FIToFIPaymentStatusReport (pacs.002) message is created by TIPS and should be forwarded to the application/software used in the query;
- 3. Then it should be possible to assess if the instant payment was settled or rejected, and if reject what was the reason code.

## 2.9.2.8. TIPS.A2A.008 - Receive an instant payment

ID	TIPS.A2A.008
----	--------------

Name	Receive an instant payment
Applicable to	TIPS Account holder and TIPS Participant responsible for Reachable Parties
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the received pacs.008 and the returned pacs.002 confirming the settlement of payment

- 1. To complete this test the participant need to receive at least one instant payment, via via FIToFICustomerCreditTransfer (pacs.008), send by one active participant in the TIPS test environment;
- 2. Once TIPS forward this message to the beneficiary, the participant should accept it, using a FIToFIPaymentStatusReport (pacs.002) message, that should be send to TIPS before the timeout parameter is reached;
- 3. After that the instant payment should be settled by TIPS, that confirms the transaction to both parties by sending a FIToFIPaymentStatusReport (pacs.002). Then it should be possible to check the instant payment settled, in the application/software used by the beneficiary participant.

For this test to run smoothly, we recommend that the transaction(s) to be processed should be agreed beforehand, to allow the receiving participant to easily process the instant payment and get the necessary evidence.

**Hint**: Banco de Portugal is available to query the other communities and TIPS participants, if there is the need to get a testing partner to complete the instant payment related tests.

ID	TIPS.A2A.009
Name	Reject an instant payment
Applicable to	TIPS Account holder
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the received pacs.008 and the sent pacs.002

## 2.9.2.9 TIPS.A2A.009 – Reject an instant payment

#### **Description:**

- 1. To complete this test the participant need to receive at least one instant payment, via via FIToFICustomerCreditTransfer (pacs.008), send by one active participant in the TIPS test environment;
- 2. Once TIPS forward this message to the beneficiary, the participant should reject it, using a FIToFIPaymentStatusReport (pacs.002) message, that should be send to TIPS before the timeout parameter is reached. The reject reason can be the chosen by the participant, according to what is defined in the SCT Inst rulebook, for example "ACO3" to simulate an instant payment sent to a wrong IBAN or "ACO4" for an instant payment sent to a closed account;

3. After that the instant payment should be rejected in TIPS, that forwards the rejection to the originator of by sending a a FIToFIPaymentStatusReport (pacs.002). Then it should be possible to check the instant payment in the rejected status, in the application/software used by the beneficiary participant.

For this test to run smoothly, we recommend that the transaction(s) to be processed should be agreed beforehand, to allow the receiving participant to easily process the instant payment and get the necessary evidence.

## 2.9.2.10 TIPS.A2A.010 - Send a recall request

ID	TIPS.A2A.010
Name	Send a recall request
Applicable to	TIPS Account holder
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the sent camt.056

Description:

- To complete this test the participant need to send a recall request, via FIToFIPaymentCancellation-Request (camt.056), destined to the original beneficiary participant of an instant payment previously settled in TIPS;
- Once TIPS receives the message, forwards it to the counterparty, that is then informed about the request to return the transactions. As this message flow is in some way independent of the actual return, we only request that the participant collects evidence about sending the actual recall request (camt.056) to complete this test.

2.9.2.11	TIPS.A2A.011 -	Accept a	a recall	request
----------	----------------	----------	----------	---------

ID	TIPS.A2A.011
Name	Accept a recall request
Applicable to	TIPS Account holder
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the sent pacs.004 and the returned pacs.002

Description:

 To complete this test the participant need to return a payment, by sending a PaymentReturn (pacs.004) to TIPS, as a response to a previously recall request previously sent by the originator participant of the original instant payment transaction; 2. Once this message reaches TIPS, a FIToFIPaymentStatusReport (pacs.002) message is created by TIPS, and it should be forwarded to the application/software used in the request.

#### 2.9.2.12 TIPS.A2A.012 – Reject a recall request

ID	TIPS.A2A.012
Name	Reject a recall request
Applicable to	TIPS Account holder
Pre-conditions	User should have been granted the role AH Instant Payment Manager
Test Evidence	Copy of the sent camt.029

#### **Description:**

- 1. To complete this test the participant should reject a return request, responding to a request previously sent by the originator participant of the original instant payment transaction. This is achived by sending a ResolutionOfInvestigation (camt.029);
- 2. Once the message reaches TIPS, the participant only need to confirm that the response was processed and forwarded to the participant that was requesting the recall.

## 2.9.2.13 TIPS.A2A.013 – Process TIPS Statement of Accounts

ID	TIPS.A2A.013
Name	Process TIPS Statement of Accounts
Applicable to	TIPS account holder with A2A connection
Pre-conditions	TIPS account holder has subscribed the reception of camt.053 for the TIPS DCA
Test Evidence	Copy of the received camt.053

#### **Description:**

To test the processing of a camt.053 - TIPS Statement of Accounts the participant shall verify the correct reception of the camt.053 and confirm that it was correctly integrated in the internal applications.

ID	TIPS.A2A.014
Name	Query the details CMB
Applicable to	TIPS Participant responsible for Reachable Parties
Pre-conditions	A2A User should have been granted the role AH TIPS Reachable Party Query
Test Evidence	Copy of the sent camt.003 and the received camt.004

#### 2.9.2.14 TIPS.A2A.014 – Query the details CMB

- 1. Send a GetAccount (camt.003) message, through the application/software used to communicate with TIPS, using the respective CMB number;
- 2. Once this message reaches TIPS, a ReturnAccount (camt.004) message is created by TIPS and should be forwarded to the application/software used in the query;
- 3. Then it should be possible to check the CMB details, such as the CBM Limit and status.

#### 2.9.2.15 TIPS.A2A.015 - Block/Unblock CMB

ID	TIPS.A2A.015
Name	Block/Unblock CMB
Applicable to	TIPS Participant responsible for Reachable Parties
Pre-conditions	A2A User should have been granted the roles AH TIPS CMB Manager and AH TIPS Reachable Party Query
Test Evidence	Copy of the sent acmt.015 and the received acmt.010

## **Description:**

To block/unblock the CMB, the user shall:

- Send a AccountExcludedMandateMaintenanceRequest (acmt.015) message, through the application/software used to communicate with TIPS;
- Once this message reaches TIPS, a AccountRequestAcknowledgement (acmt.010) message is created by TIPS, if the request was processed successfully, and it should be forwarded to the application/software used in the request;
- 3. Then it should be possible to check the CMB details, in particular status.

#### 2.9.2.16 TIPS.A2A.016 – Change CMB limit

ID	TIPS.A2A.016
Name	Change CMB limit
Applicable to	TIPS Participant responsible for Reachable Parties
Pre-conditions	A2A User should have been granted the roles AH TIPS CMB Manager and AH TIPS Reachable Party Query To perform this test it is necessary create CMB limit on CRDM first
Test Evidence	Copy of the sent camt.011 and the received camt.025
Description:	1

- Send a ModifyLimit (camt.011) message, through the application/software used to communicate with TIPS;
- 2. Once the change of the CMB limit is performed, a camt.025 with the code value SSET (SettlementStatus) should be received and properly integrated in the internal applications used.

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# **3.FAQ - Frequently Asked Questions**

Please see the document Evolução dos Serviços TARGET | Perguntas Frequentes.