



Central Liquidity Management

User Handbook

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1 Introduction to CLM

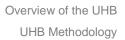
The Eurosystem provides market infrastructural services for payment and securities settlement called TARGET Services. To be informed on central bank (CB) liquidity and to perform central bank operations (CBOs), the Eurosystem offers the T2 Service and, within this service, the Central Liquidity Management (CLM) component.

CLM provides information on central bank liquidity and managing credit lines and central bank operations. In addition, CLM is the central component for funding the Real-Time Gross Settlement (RTGS), TARGET2-Securities (T2S) and TARGET Instant Payment Settlement (TIPS). Therefore CLM features main cash accounts (MCAs). The MCAs are used for the settlement of CBOs and the management of credit lines (CLs).

CLM is a multi-currency system designed to carry out settlement in euro and non-euro central bank money. Communication with CLM occurs in an application-to-application (A2A) mode between CLM actors and CLM and on a user-to-application (U2A) basis via the graphical user interface (GUI).

CLM interacts with the following other common T2 components:

- I The Eurosystem Single Market Infrastructure Gateway (ESMIG), featuring central authentication, authorisation and user management
- I Common Reference Data Management (CRDM), which allows authorised users to set up, maintain and query all reference data (RD) that T2 Services share for their processing activities
- I Data Warehouse (DWH), which either provides queries or reports the data for historical, statistical and regulatory reporting
- I Business Day Management (BDM), which shows the schedule and calendar for all components and currencies
- I The Billing component (BILL), which provides the functionalities for the aggregation of the daily billable items



2 Overview of the UHB

target T2

The CLM User Handbook, hereinafter referred to as UHB, aims to facilitate the use of the CLM GUI. It is intended for all GUI users, regardless of the focus of their activity and outlines the full range of functionalities available in U2A mode. The UHB provides detailed reference information on all GUI screens and step-by-step instructions for typical workflows, referred to as use cases.

TargetThe target audience of this UHB consists mainly of central banks as well as paymentaudiencebanks. By referring to the table of contents, each reader can identify the relevant parts.

There is a separate UHB describing the operator functionality. For this reason, those functions that are exclusively relevant for the operator are not described within this UHB. However, if a function is available for multiple audiences (e.g. for operators and central banks), this is still indicated.

The UHB is part of the functional documentation and complements the general, technical and detailed specification of the user detailed functional specifications (UDFS), which can be found on the ECB's website. Although the UDFS focuses mainly on the A2A, specific sections/chapters contain detailed descriptions of the business concepts used in CLM, which are also relevant when using the GUI. In addition, the CLM UHB provides helpful information on the design and implementation of the GUI.

2.1 UHB Methodology

Several symbols and methodological elements are used throughout the CLM UHB to help readers keep an overview and find the desired information quickly. All pages of the main UHB chapters have a similar page layout. The reader can find four different elements:

- I The header, indicating the chapter and sub-chapter title
- I The margin column on the left side of each page, which is used for sub-headings and information signs
- I The text column, containing key information, tables and screenshots
- I The footer, displaying the document's name and version as well as the page number

2.2 UHB Structure

The UHB is divided into seven chapters:

- Chapter 1
 The chapter Introduction to CLM provides the reader with a general overview of the CLM design and features.
- Chapter 2 The chapter Overview of the UHB explains the content and approach of both the document and the GUI. While the first section explains the methodology of the UHB, the second section outlines its general structure.

- Chapter 3 The chapter Set-up and Login provides the reader with general guidance on the communication network and services, explaining the technical requirements, the security-related processes and the user administration required to use the CLM GUI.
- Chapter 4 The chapter GUI Structure explains the basic elements of the CLM GUI structure, i.e. menu and screen structure. It helps users navigate the system easily by using different screen types. This chapter of the UHB provides more details on the general structure of the GUI such as common buttons and icons. An online help facility can also be found within the chapter.
- Chapter 5 The chapter Screen Reference Guide Description of Screens provides users with a complete overview of different possible screens on payments, liquidity, liquidity management features, reference data, administration-interaction, administration-monitoring and smart-select screens. Moreover, users will find all screen descriptions including information on context of usage, screen access, privileges, references and the descriptions of fields and buttons on the respective screens.
- Chapter 6 The chapter Screen User Guide Description of Use Cases provides step-by-step instructions on how users can carry out actions in the GUI. It gives users valuable information on how to complete the use case successfully and helps them verify the results. In addition, users can obtain detailed information on how to query relevant information, execute cash transfer orders, use liquidity management features and obtain more information on administration and central bank functions.
- Chapter 7 The chapter Annex provides users with information on:
 - I Error messages and error codes in the context of using the GUI screens
 - I U2A privileges



3 Set-up and Login

3.1 Communication Network and Services

Refer to the Connectivity Guide specified in the ESMIG UDFS document, current version available, for details on the communication network and services.

3.2 Technical Requirements

Before entering the GUI, make sure to implement all necessary preparations described below.

Such preparations may be subject to periodical review/update to comply with changing technical/regulatory scenarios.

Supported Please refer to the *"U2A Qualified Configuration"* annex of the ESMIG UDFS.

Web-browsers
and SettingsThe complete redefinition of the qualified browsers' set and their related versions and the
full replacement of the applet technology will be, then, defined in the context of the
Eurosystem Single Market Infrastructure Gateway (ESMIG).

JavaScript is used for validations on the client side therefore 'JavaScript' has to be set to 'enabled'.

SupportedThe required minimum screen resolution is 1366 x 768 pixel. Screen resolutions belowScreenthis requirement are not supported and can lead to a deviating appearance andResolution andfunctionality of the GUI.

Scaling Even if the screen resolution fulfils the requirement defined above, it is important to note that scaling options provided by the operating system and the browser (e.g. 125% or 150%) may cause a deviating appearance and functionality of the GUI. If this is the case, the usage of scaling options is not supported.

GUI Access Users are directed to an initial page named ESMIG portal that ensures proper routing to the web applications the user has been granted to enter.

During the maintenance window it is not possible to access the CLM GUI.

During the end of day beginning with the close of service the access to CLM GUI is not possible.

NRO Specific Non-Repudiation of Origin (NRO) serves as a proof of the origin of actions. Via a digital signature, it provides legal evidence that a user effectively sent a message or, in the case of U2A, entered an instruction.

In order to perform a digital signature, the user needs a private key associated with a public certificate stored in a device accessible by entering a PIN code. For details on the devices see TARGET Services Connectivity Guide. The same PIN code is used for the signing of selected instructions initiated by the user.



The private key of the user is used to sign the instruction. This signed request is attached to the U2A action. On the server side, the application must verify the signature in order to process the request.

To use the token on a working station or laptop the most recent versions of the following software has to be installed in advance:

I Ascertia Go>Sign Desktop

It may be necessary to remove other certificates like batches or tokens before plugging in the NRO token.

For details on the required configurations see ESMIG U2A Qualified Configurations document.

The user will be asked to enter the PIN code for signature purposes whenever an instruction is submitted on a screen that is subject to NRO (see chapter <u>Validations</u> [▶ 66], section 'Digital Signature – NRO').

In the context of the NRO implementation, T2 sends XAdES-C data to Legal Archiving instead of replicating the approach used in TARGET2.

3.3 Security-Related Processes

In order to guarantee a secure and safe handling of the information and to protect customer data provided via the GUI, various security elements have been put into place:

- I Each action requires system or human validation as described in the <u>validation</u> <u>chapter</u> [▶ 66]
- I The scope of available data and functions is controlled via the management of access rights
- I The security features provided by the network providers and described in their respective user documentation prevent unauthorised access

3.4 User Administration

Registration Prior to the first GUI access, for each CB, PB and AS a system administrator has to be created. The respective system administrator creates the users which can subsequently access the GUI. Only registered users have access to the CLM GUI. The Registration Guide provides information on how to fill in Registration Forms properly.

The system administrator can only assign predefined sets of access rights and roles to its users, single privileges cannot be assigned. For more information on access rights see the latest version of CRDM UDFS, chapter 'Access rights management'.

target T2

4 GUI Structure

This chapter explains the basic elements of the CLM GUI structure (i.e. structure of the menu and the screens), helping the user to navigate through the system and to use it quickly and efficiently.

The chapter 'Menu Structure' explains the menu structure where screens are grouped functionally. The chapter 'Screen Structure' explains the layout structure common to all screens. The following sub-sections provide details on the different screen types and on recurring elements, such as common field types or buttons and icons.

4.1 Menu Structure

The CLM menu is accessible by clicking on the menu button. The menu is structured into main menu and sub-menu entries. By selecting one of the main menu entries, the corresponding sub-menu entries open to the right. By clicking on a sub-menu entry, a screen will open.

The CLM menu provides access to all available business functionalities. The menu only displays those entries for which the user has the appropriate access rights.

	Cash Transfers and Messages	►		
-	Liquidity	۲	Query CLM Cash Account Liquidity	
	Liquidity Management Features	•	New Liquidity Transfer	
ιų.	Minimum Reserves	×	Query Credit Line per Account Holder	
	Query Standing Facilities			
	Reference Data	×.		
	Administration	•		

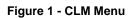


Figure Description	Label	Element
	A	Menu button
	В	Main menu entries
	С	Sub-menu entries





4.2 Screen Structure

All screens of the CLM GUI follow a standard layout consisting of the following elements:

- I Header
- I Sub-header
- I Content area

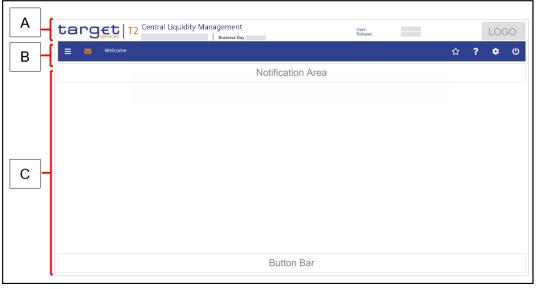
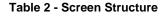


Figure 2 - Screen Structure

Label	Element
A	Header
В	Sub-header
с	Content area



4.2.1 Header

The header appears at the top of every screen. The content and format of the header is common for all screens of the CLM user interface. The header displays the following information to the user:

Figure

Description



GUI Structure Screen Structure

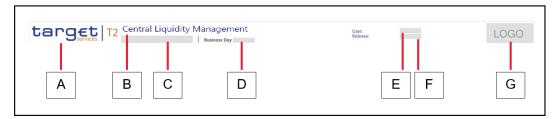


Figure 3 - Header

Figure Description

Label	Element	Description
A	TARGET Services T2 Logo	This area shows the TARGET Services T2 logo.
В	Service Component	This area shows the name of the used service (in this case CLM).
С	Technical Environment	This area shows the stage in which the user is operating (e.g. production environment).
D	Business Day	This area shows the business day for which CLM is operating. Format: YYYY-MM-DD
E	User	This area specifies the unique identifier of the CLM user.
F	Release	This area shows the release number of the GUI which the user is logged into.
G	Logo	This area shows the logo of a CB if available.

Table 3 - Header Information

4.2.2 Sub-header

The sub-header appears below the header of every screen. The content and format of the sub-header are common for all screens of the CLM GUI and display the following information:



GUI Structure Screen Structure

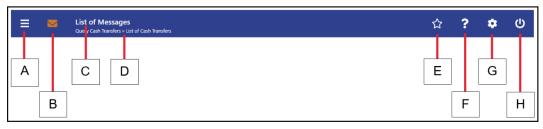


Figure 4 - Sub-header

Figure Description

Label	Element	Description
A	Menu button	This button provides access to the CLM main menu and the GUI functions based on the privileges of the user.
В	Broadcast button	This button notifies the user about specific system events as well as operations-related and business- related information. This button is orange when a new broadcast is available and white when there is no new broadcast available. New broadcasts can be accessed by clicking on the broadcast button.
с	Name of current screen	This area shows the name of the current screen.
D	Breadcrumb	This area shows the navigation path of the current screen. Further details can be found in chapter Breadcrumbs [38].
E	Bookmark button	This button allows the user to save most frequently used screens and their settings. This button is only available for Query, List, Display and New Screens but not for Details Screens. Further details can be found in chapter <u>Bookmark</u> [39].



Label	Element	Description
F	Online help button	This button provides a context sensitive description of the current screen. Further details can be found in chapter <u>Online Help</u> [> 71].
G	User settings button	This button allows the user to select and change CLM GUI preferences for the current session. Further details can be found in chapter <u>User</u> <u>Settings</u> [▶ 44].
н	Logout button	This button allows the user to log out of the CLM GUI. When clicking on the button, a pop-up appears that requests the user to confirm or cancel the logout operation.

Table 4 - Sub-header Information

4.2.2.1 Breadcrumbs

target T2

The GUI uses breadcrumbs to visualize the window navigation path that the user has used. This navigation path provides an easy option to navigate to previously visited screens.

E Se List of Cash Account Reference Data Cash Tansfers > Details of Cash Transfer Cash Transfer	≡ ■		☆	?	\$	ወ
---	-----	--	---	---	----	---

Figure 5 - Breadcrumb Navigation (with five entries)

The user can click on the listed entries in the navigation path below the screen name in order to return to the respective screen. The screen history (e.g. result set) remains stored.

If the entries of the breadcrumb navigation exceed the available display width, only the first and the last entries are shown, displaying '...' in between representing the other available elements. The user can click on '...' opening a menu which displays all available elements, including the first and the last entry.



			es Cases y List i	f Messages F list of Cash Transfers F Details	f Cash Transfer > List of Busi	ness Cases > Unt of Messa	ges 🕴 List of Cash 1	tanohes 2 Details of Cash Transf	er (: List of Business Cases): List of C	ah Transfers			? :	¢ (
Queue Position	Instruction ID	End to End ID	Message	the	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit T	inestamp	Settlement Timestamp	Entry Timestamp	
	8110910823326302	E110910323326302	Financial In	ritution Credit Transfer (Pacs.009)	CBXXPLCD01X	PBASPLC001X	10.00 EU#	Settled				2022-11-09 10:33:20 CET	2022-11-09 10:33:20 CET	-
General														
Queue Position				Amount			Value Date				Cash Transfer St	tatus		
				10.00 EUR			2022-11-0	9			Settled			
Cash Transfer Type				Cash Transfer Category			Message Ty	Message Type			Counterparty Country			
Payment				OCBO Other CBOs	D Other CBOs		Financial I	stitution Credit Transfer (Pacs.0	09)		R.			
Accent and Prip Minimum Accent and Prip Minimum Set Accent Type Coll CA Accent Figure Co				Ovelt Account Ovelt Account Systems PRASRUCCOTX VCA										
CEXXXPLDDIOX				TRUTKETTCLM										
Instruction ID				End to End ID			Eurinees Ce	ee 10			Clearing Suttern	Reference		
8110910323326302				E110910323326302			8945543	8945543		6606718				
VETR														
297ccebc-2fe9-8f17-b99	0-c868699c3783													
Debtor BIC			Creditor BIC											
CBXXPLDBXXX		PBASPLDDDDD												
liming														
Earliest Debit Timestemp				Latest Debit Timestamp			Settlement	limestamp			Entry Timestam	9		
								9 1033 20 CET			2022-11-09 10			

Figure 6 - Exceeded Breadcrumb Navigation

A maximum of 12 entries can be stored in the breadcrumb navigation. If this amount of entries is exceeded, the oldest entry on the left will be removed making space for the newest entry on the right.

When returning to a previously visited screen via breadcrumb navigation, all subsequent entries, following the entry the user navigated to, are cleared.

Each external navigation (e.g. a different entry point from the main menu) clears the breadcrumbs.

4.2.2.2 Bookmark

Bookmarks enable the user to save the currently opened screen including all previously entered data on the respective screen. The bookmark function includes adding new bookmarks, organising them in a bookmark bar, modifying and deleting bookmarks.

Detailed information on these functions can be found in the following chapters:

- I <u>New Bookmark</u> [▶ 39]
- I <u>Bookmark Bar</u> [▶ 41]
- I Modify and Delete Bookmark [▶ 42]

4.2.2.2.1 New Bookmark

Context ofThe user can click on the 'Bookmark Button' to open the 'Add Bookmark – Pop-up'Usageallowing the user to customize a new bookmark for the currently opened screen.

This function is only available for Query/List, Query/Display and New Screens. Bookmarking a List or Display Screen that follows a Query Screen only saves the respective Query Screen.

Access This pop-up can be reached in the following way:

I Sub-header >> [Bookmark button]



Screenshot



Figure 7 - Bookmark Button

Add Bookmark			×
Name*			
Query Cash Transfers			
Folder			
			IA
Bookmarked Screen			Leave empty to not add bookmark to a folder
Query Cash Transfers			
< Share with			
📽 Party	Access	Modify	
Community	Access		
			Shared from RMPC-GUI-USR01
Submit Cancel			

Figure 8 - Add Bookmark – Pop-up

	ADD BOOKMARK – POP-UP
Name*	This field requires the user to enter a name for the bookmark which will appear in the bookmark bar. Multiple bookmarks with the same name can be in the same folder. Default value: name of currently opened screen Required format: up to 256 characters
Folder	This field offers the possibility to enter the name of the folder the new bookmark is placed in. The auto-complete functionality shows already existing folders in the bookmark bar.
	If the user enters a non-existing folder name, a new folder will appear in the bookmark bar after clicking on the 'Submit' button.
	The user can leave this field empty in order to add the new bookmark to the bookmark bar without adding it to a folder. Required format: up to 64 characters
Bookmarked Screen	This row shows the name of the current screen.
Share with	This section offers the possibility to share the bookmark. PB and AS users can share the bookmark with their own party

Field Description



ADD BOOKMARK – POP-UP

('Access', 'Modify'), CB users and operators can additionally share the bookmark with their community ('Access').

Clicking on the checkbox 'Modify' in the row 'Party' automatically activates the checkbox 'Access' in that same row. It further makes the checkbox 'Access' non-modifiable.

Clicking on the checkbox 'Access' in the row 'Community' automatically activates the checkbox 'Access' in the row 'Party'. It further makes the checkbox 'Access' non-modifiable.

A shared bookmark which is modified by a user of a party will be updated for all users of this bookmark.

Table 5 - Add Bookmark – Pop-up

Buttons

ADD E	BOOKMARK – POP-UP – BUTTONS
Submit	The user can click on this button to save the bookmark. After submitting, the new bookmark will be placed into the bookmark bar [> 41]. Depending on the input in the field 'Folder', the new bookmark will either be placed into a folder or will be placed as a single entry into the bookmark bar.
Cancel	The user can click on this button to close the pop-up without adding any bookmarks.

Table 6 - Add Bookmark – Pop-up – Buttons

4.2.2.2.2 Bookmark Bar

Context ofThe bookmark bar shows the current bookmarks as configured by the user. It shows allUsagebookmarks and folders in alphabetical order, starting with folders.

As soon as the user adds a bookmark, the bookmark bar appears above the header in the GUI. The folders and entries remain saved across sessions in the GUI. If no bookmarks are available or all entries are deleted by the user, the bookmark bar is not displayed.



Screenshot

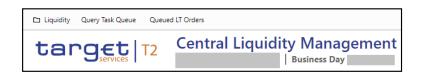


Figure 9 - Bookmark Bar (with one folder and two bookmarks)

Functionalities The user can click on a bookmark in order to access the bookmarked screen with all entered data. Clicking on a folder opens a drop-down list with all bookmarks within this folder.

The user can hover over a bookmark to see the full name of the bookmark and the bookmarked screen. While hovering, he can also see the 'Modify' icon which appears to the right of the entry. Clicking on the 'Modify' icon opens the 'Modify Bookmark – Pop-up' which is described in chapter <u>Modify and Delete Bookmark</u> [▶ 42].

Liquidity Queued LT Order	
tar Queued LT Orders Query Cash Transfers	Central Liquidity Management

Figure 10 - Hover Functionality Bookmark Bar

A share icon in front of a bookmark entry indicates if a bookmark was shared with the user's party or community.

Liquidity Query Task Queue Queued LT Orders				
target T2	Central Liquidity Management			

Figure 11 - Shared Bookmark

4.2.2.3 Modify and Delete Bookmark

Context ofThe 'Modify Bookmark – Pop-up' offers the possibility to modify or delete an existingUsagebookmark which was selected on the bookmark bar [▶ 41].

If the user that created the bookmarks is deleted, the bookmarks are deleted as well.

The popup to display a bookmark is opened by clicking on the modify icon next to the bookmark. If the bookmark was shared with the user without the option to modify, the user can only select 'Display Bookmark'. The title of the popup is set to 'Display Bookmark'. The content area of the popup has almost the same content as the 'New Bookmark' pop-up content area, whereas the only change is the bookmark name that is displayed in a text area instead of a text field. All fields are disabled allowing the user to only read information. The button bar has no buttons and therefore is not visible.

Access The pop-up can be reached in the following way:

Bookmark Bar >> hover over bookmark the user wants to modify >> [Modify Icon]



Screenshot

Modify Bookmark			×
Name*			
Query Direct Debits			
Folder			
			ĬA
			Leave empty to not add bookmark to a folder
Bookmarked Screen			
Query Direct Debits			
< Share with			
📽 Party	Access	Modify	
Community	Access		
			Shared from RMPC-GUI-USR01
Submit Cancel Dele	te		

Figure 12 - Modify Bookmark – Pop-up

Field Descriptions

М	ODIFY BOOKMARK – POP-UP
Name*	This field shows the current name of the bookmark which appears in the bookmark bar. This value can be overwritten. Default value: current bookmark name Required format: up to 256 characters
Folder	This field offers the possibility to enter the name of the folder the current bookmark will be placed in. The auto-complete functionality shows already existing folders in the bookmark bar. If the user enters a non-existing folder name, a new folder will appear in the bookmark bar after clicking on the 'Submit' button and the previously selected bookmark will be moved to this new folder. If the selected bookmark is currently placed in a folder, the user can delete the folder name from this field in order to remove this bookmark from the folder. The bookmark will appear as a single entry on the bookmark bar after clicking on
	the 'Submit' button. Required format: up to 64 characters
Bookmarked Screen	This row shows the name of the bookmarked screen.
Share with	This section offers the possibility to share the bookmark. PB and AS users can share the bookmark with their own party ('Access', 'Modify'), CB users and operators can additionally



MODIFY BOOKMARK – POP-UP

share the bookmark with their community ('Access').

Clicking on the checkbox 'Modify' in the row 'Party' automatically activates the checkbox 'Access' in that same row. It further makes the checkbox 'Access' non-modifiable.

Clicking on the checkbox 'Access' in the row 'Community' automatically activates the checkbox 'Access' in the row 'Party'. It further makes the checkbox 'Access' non-modifiable.

A shared bookmark which is modified by a user of a party will be updated for all users of this bookmark.

Table 7 - Modify Bookmark – Pop-up

Buttons

MODIFY	BOOKMARK – POP-UP – BUTTONS
Submit	The user can click on this button to save the changes and update the bookmark. A shared bookmark is updated for all users of the bookmark.
Cancel	The user can click on this button to close the pop-up without modifying any bookmarks.
Delete	The user can click on this button to delete the selected bookmark. Clicking on this button closes the pop-up and deletes the respective entry from the bookmark bar.

Table 8 - Modify Bookmark – Pop-up – Buttons

4.2.2.3 User Settings

- Context ofThe user can click on the 'User Settings Button' to open the 'Modify Settings Pop-up'Usageallowing the user to specify GUI settings for the current session.The specified settings are not stored across sessions. After changing the user settings for
the current session, the user is redirected to the 'Welcome Screen' of the RTGS GUI.AccessThe pop-up can be reached in the following way:
 - I Sub-header >> [User settings button]



Screenshot



Figure 13 - User Settings Button

Modify Settings	×
Please ensure that you have saved your current work before you change these settings! Act on Behalf	٩
Submit Cancel	X

Figure 14 - Modify Settings – Pop-up – No 'Act on Behalf' Selected

Modify Settings	×
Please ensure that you have saved your current work before you change these settings!	
Act on Behalf	
ASBAATA0XXX	٩
Submit Cancel Delete Act on Behalf	

Figure 15 - Modify Settings – Pop-up – 'Act on Behalf' Selected

= 💌	Welcome	Act on Behalf:	ASBAATAOXXX	☆	?	٠	ወ

Figure 16 - 'Act on Behalf' – Display in Sub-header

MODIFY SETTINGS – POP-UP						
	A fixed notification displays the information 'Please ensure that you have saved your current work before you change these settings!'.					
	If the user submits changes to the GUI settings while entering data on a specific screen, the current input on a screen will be lost.					
Act on Behalf	This field offers the possibility to enter a BIC for which the user works on behalf.					
	The user can enter the BIC manually or search for it by clicking on the smart-select button and opening the Party Reference Data – Query Screen as a pop-up.					
	While searching, the displayed values are restricted to the data scope of the user.					

Field Descriptions



MODIFY SETTINGS – POP-UP				
	Note: In case the user selects a BIC for which he works on behalf, the respective BIC will be displayed in the sub-header			
	after clicking on the 'Submit' button. Required format: 8 or 11 characters			

Table 9 - Modify Settings – Pop-up

MODIF	Y SETTINGS – POP-UP – BUTTONS
Submit	The user can click on this button to submit the modification of GUI settings.
	Clicking on this button stores the changes locally and closes the 'Modify Settings – Pop-up'. All following requests transmit the stored attributes to the back-end. Therefore, the submitted modifications (e.g. 'Act on Behalf') can restrict the data scope of the user.
Cancel	The user can click on this button to cancel the modification of GUI settings. Clicking on this button discards the current input and closes the 'Modify Settings – Pop-up'.
Delete Act on Behalf	The user can click on this button to delete the BIC for which he works on behalf. Clicking on this button automatically submits the deletion and closes the 'Modify Settings – Pop-up'.
	This button is only visible if the user has previously selected a BIC for which he works on behalf.

Table 10 - Modify Settings – Pop-up – Buttons

4.2.3 Content Area

The content area is the section of the screen in which the GUI shows functional and business data, input elements or other application-related content. It consists of the notification area, the business content and the button bar. Scrolling is only possible in the content area. The notification area and the button bar always remain visible where they are required within a screen.

Buttons



4.2.3.1 Notification Area

The notification area displays confirmation and error notifications related to the current screen. It can also inform the user about a change of search criteria.

Success notifications are displayed in green and error notifications are highlighted in red.

Ξ			New Liquidity Transfer New Liquidity Transfer	公	?	۵	ወ
	1.1	eration Succ				1 Completed	×
	The	e created Ne	w Liquidity Transfer Task can be found here: 1234567891				

Figure 17 - Success Notification

≡ ⊻	New Liquidity Transfer New Liquidity Transfer	☆	?	٠	
Operation Failer U027: Invalid cr	d edit account type			0 Completed	×

Figure 18 - Error Notification

Notifications regarding the task queue are produced after data submission and show if the data submission was successful or if technical errors occurred inside the application.

In case the user adjusts the search criteria on a list screen after a query has been performed, the notification area indicates the change.

Ξ 💌	List of Messages Query Messages	☆	?	۵	Ģ
Search Criteria changed since last Search					

Figure 19 - Change of Search Criteria Notification

ResponseThe response notification box can appear in the notification area showing functional**Notification**requests with a table visualizing the list entries picked for an action.

Box

The response notification box is also used to notify in case the liquidity information query for at least one account located in TIPS or T2S fails. In this case, the response notification box shows the error code and the error description returned by TIPS or T2S respectively and the service (TIPS or T2S) sending this response. The response

notifications are included in a box, containing a table of response notifications and a headline at the top.



												D)	E
	Ξ			of Cash Tran Cash Transfers	sfers					۲	አ	?	٠	ļ
<u>م</u>		Operation Parti	ially Succe	essful						1 of 2 Com	pleted	Restore	Notifications	×
		Queue Position	Priority	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfe	er Status	Earliest 0	Debit Times	tamp
_	\sim	8	Normal	TestinstriD45721	TestE2EID45721	FinancialInstitutionCreditTransfer (pacs.009)	PBAAGRATXR1	PBACGRATXR1	15,000,000.00 EUR	queued				
B	-		13											
	×		Normal	TestinstriD56790	TestE2EID56790	FinancialInstitutionDirectDebit (pacs.010)	PBAAGRATXR1	PBACGRATXR1	800,000.00 EUR	revoked				
с —	-1	↦ U002		Modification not	possible due to fi	nal payment status								
	4													,

Figure 20 - Response Notification Box

Figure Description

Label	Element	Description
A	Headline	 The headline of the response notification box can have three different status labels: I Operation Successful I Operation Partially Successful I Operation Failed The headline also gives the user a summary of the error and success notifications contained in
		the response notification box (e.g. '1 of 2 Completed').
В	Success notification	For success notifications regarding a list entry, the second row (corresponding line) shows the task ID leading to the related item in the task queue. Clicking on the success icon to the left of the entry removes the entry.



Label	Element	Description
С	Error notification	For error notifications regarding a list entry, the second row (plus more if required) shows the errors as corresponding lines containing the error code and the associated error description. Clicking on the error icon to the left of the entry removes the entry.
D	'Restore Notifications' button	The 'Restore Notifications' button restores the content of the complete response notification box and is available until the box is closed. Clicking on this button always restores the content of the response notification box to its initial state. It is not possible to step back iteratively.
E	'Discard' button	The 'Discard' button (represented by the 'x' icon) closes the response notification box.

Table 11 - Response Notification Box

4.2.3.2 Business Content

The business content is the part of the GUI where the user can trigger all business actions. Depending on the screen, it consists of one or multiple sections with different types of input, output or selection options.

A section can be opened by clicking on the expand button next to the section divider. A section can contain multiple sub-sections with further input options. All sections and sub-sections are separated by a divider or a headline.

Closed section The user can open the currently closed section under the divider by clicking on the open button (+) to the left of the section title.

+ Priority

Figure 21 - Closed Section

Open section The user can close the currently open section under the divider by clicking on the close button (-) to the left of the section title.



-	Priority	
	Priority	
	No filter selected	IA

Figure 22 - Open Section

4.2.3.3 Button Bar

The button bar is a fixed element at the bottom of the content area that remains in place even when the screen has a scrollable content area. The fixed positioning of the button bar allows the user to execute the standard functions associated with the screen without the need to scroll to the bottom of a screen. The buttons in the button bar can vary depending on the selected screen.



Figure 23 - Button Bar

4.3 Screen Types

The CLM GUI consists of different types of screens, each serving a specific function. The user can find all possible ways of accessing a screen in the respective screen description within the Screen Reference Guide.

- Query Screen Query screens allow the user to query a result set by applying query criteria that the user can define. The user can also specify the sorting order of the result list on this screen. After executing a query, the list screen or display screen corresponding to the query opens. Query screens can be accessed via the menu. The result set that the user can query is restricted to the data scope of the user. When there are no mandatory fields on the screen, the user can leave all fields empty to query his whole data scope. The data scope is a restriction definition to enforce limits in data exposure.
- List Screen List screens are displayed after executing a query via a query screen or after clicking on a context menu entry. List screens show a table of data records matching the query criteria. The table lists the total amount of data records in the footer and can show a maximum of 100 entries per result page.

To ensure proper load and response times for the GUI a limit of 2,000 records is available at most. For result sets smaller or equal to 2,000 the real amount of results the query has produced is shown. For result sets larger than 2,000 records, only the first 2,000 records are shown plus the information that the result set is larger than 2,000. With this information the user can determine whether he adjusts the filter criteria (in order to further reduce the result list) or takes a look into the result list produced (with the first 2,000 entries).



The shown data records can usually be right-clicked on which results in opening a context menu with further navigation options. The list of data records can also be exported by clicking on the export button. When using the export functionality, the complete result of the query will be exported regardless of whether the entries are shown in the result list or whether they are not shown because of the limitation to 2,000 records in the GUI.

On list screens, the user also has access to the section 'Search Criteria' in order to modify the values of the previously executed query and refresh the screen accordingly. If only a single data record matches the entered criteria on the query screen and a related details screen exists, the list screen is skipped and the details screen is shown immediately.

- List Screen On certain list screens, bulk actions are possible. The user can click on the list checkboxes next to the respective data records in order to select multiple entries. By right-clicking on one of the selected data records, a context menu opens. This context menu entry only shows those options that can be executed for all selected entries. When the user clicks on a context menu option, the respective action will be performed for all data records individually. After the execution of a bulk action, the results for all selected data records are shown individually in the notification area.
- **Details Screen** Details screens provide the user with in-depth information of a previously selected data record that appeared on a list screen. Details screens can be accessed via other screens, e.g. via a context menu on a list screen.

Details screens can also be accessed if the user queries for a single data record on a query screen.

- **Display Screen** Display screens show in-depth information on certain topics such as liquidity. Depending on the screen, they can either be accessed via a query screen, via a button on a related screen or be accessed directly via the menu.
- New Screen New screens allow the user to enter new data in predefined fields, e.g. in order to enter a payment order or a liquidity transfer (LT) order. New screens can be accessed via the menu or via a button on certain related screens.
- **Pop-Up Screen** There are different types of pop-up screens that can be opened by clicking on buttons or context menu entries on other screens. Some pop-up screens are used to modify or display certain values or attributes and some pop-up screens require the user to confirm an action.
- Smart-SelectSmart-select screens can be opened as a pop-up by clicking on the smart-select buttonScreennext to certain input fields. Smart-select screens usually open a combination of query and
the subsequent list screen on which the user can specify search criteria to find the
desired option in a result list, e.g. for the input of Business Identifier Codes (BICs). The
displayed list allows the user to select and transmit a value to the input field of the screen
from which the smart-select screen was opened.



Download and Furthermore, there are upload and download screens that can be accessed via the menu.

Upload Screen A download screen allows the user to define a set of search criteria, similar to a query screen, and immediately download the respective result set as a file. An upload screen allows the user to upload a file while specifying information related to this file.

4.4 Field Types and Properties

Fields appear on all types of screens and allow the user to enter or display information depending on the type of field. The following field types are used:

Input Field In input fields, the user can enter alphanumeric values. The user has to make sure to comply with the format requirements of the fields which are listed in the Screen Reference Guide.

5	
0	

Figure 24 - Input Field

Input fields can be pre-filled with a default value. The default value can be overwritten.

ZYXZDEFFPT1	

Figure 25 - Input Field with Default Value

Input Field When the validation of the screen content (e.g. format requirements) returns an error for an input field, the input field with the erroneous value is outlined in red colour. Additionally, a red error icon is shown to the left of the field (see <u>Common Buttons and Icons</u> [▶ 61]). The user has to make sure to make a valid entry in order to be able to proceed.



Figure 26 - Input Field Error

Read-only Field Read-only fields are pre-filled and display non-modifiable values. Read-only fields are indicated by grey colour.

ACCOUNTID34X

Figure 27 - Read-only Field

Inactive Field The user cannot interact with an inactive field until it is activated by a selection made in a previous field. When the field is inactive, it is coloured in grey. As soon as it becomes active, it is coloured in white.



Code	Instruction Information	
, <mark>1</mark>	\sim	
	-1	
Figure 28 - Inactive Fiel	d	
Figure 28 - Inactive Fiel	d Instruction Information	

Figure 29 - Activated Field

MutuallySome input fields are mutually exclusive. This means that as soon as one of the mutuallyExclusiveexclusive fields is filled with a value, the other field becomes inactive and coloured inFieldsgrey. As a result, no more input will be possible.

Code	Proprietary	
	input	

Figure 30 - Mutually Exclusive Fields

List Checkbox The list checkbox can occur in the first column on a list or smart-select screen. The user can click on the checkbox in order to select or deselect entries from the list. The list checkbox is used when performing bulk actions (see chapter <u>Screen Types</u> [▶ 50], section 'List Screen – Bulk Actions').

Blocking Status
Blocked for credits
Blocked for credits and debits

Figure 31 - List Checkbox (example values)

Standard Drop- A standard drop-down list allows the user to select one entry from a pre-defined list of **down List Field** possible values.

Credits and Debits	~

Figure 32 - Standard Drop-down List Field

AutocompleteIn an autocomplete list, the user can enter characters that the field uses to filter amongList Fieldthe available options in the list.

	_
	Constant of the
	1 1
	0.00

Figure 33 - Autocomplete List Field

Multi-SelectA multi-select list allows the user to select multiple possible values for one field by clicking
in the field and activating the checkbox next to the respective list entries. After finishing
the selection, the field indicates how many items have been selected. It also offers the
possibility to select or deselect all list items by clicking on the checkbox to the left of the



	field. A multi-select list can be combined with other list types, e.g. the autocomplete list as shown in the figure below.
	No filter selected
	Figure 34 - Multi-Select List Field
Smart-Select Field	The user can enter a value directly into the input field, or click on the smart-select button on the right leading to a smart-select screen where one or more search criteria can be used to find the desired option.
	Q Figure 35 - Smart-Select Field
Smart-Select Multi List Field	The smart-select multi list allows the user to select multiple values for one field by clicking on the smart-select button on the right leading to a search screen where one or more search criteria can be used to find one of the desired options.
	No filter selected
	Figure 36 - Smart-Select Multi List Field
Date and Time Picker	The user can enter a date and time manually or select a date and time using the pop-up which opens by clicking into the input field or clicking on the calendar button on the right

side of the field. The time zone is shown on the right side within the field.



YYYY-MM-DD HH:MM:SS	CEST	*
	CLOT	••••

Figure 37 - Date and Time Picker

<		J	July 2021			
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
	^	100	^		~	
	~	:	00	2	00	



Date Picker

ickerThe user can enter a date manually or select a date using the pop-up which opens by
clicking into the input field or clicking on the calendar button on the left side of the field.
The pop-up only allows the selection of dates which are allowed for the respective field.



2020-08-03

Figure 39 - Date Picker

<		J	uly 20		>	
Su	Мо	Tu	We	Th	Fr	Sa
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Figure 40 - Date Picker – Pop-up

Time Picker

The user can enter a time manually or select a time using the pop-up which opens by clicking into the input field or clicking on the clock button on the right side of the field. The time zone is shown on the right side within the field.

	HH:MM:SS	CEST	0
--	----------	------	---

Figure 41 - Time Picker



Figure 42 - Time Picker – Pop-up

Field Properties

Data Scope of aThe data scope of a user determines the set of data this user is allowed to inspect and toUseract on.

The data scope is depending on the hierarchy of parties (see chapter 'Data scope' and 'Configuration of users' in the CRDM UDFS) and the types of groups (see chapter 'Common Reference Data Objects' and 'Cash account data management ' in the CRDM UDFS and usage description in chapter 'Types of groups' in the CLM UDFS).





It is also depending on the co-management (see chapter 'Common Reference Data Objects' and 'Account Configuration' in the CRDM UDFS and usage description in chapter 'Functionalities' in CLM UDFS) as defined in CRDM.

Every user is assigned the data scope of the party the respective user is directly linked to.

When performing a query with certain search criteria, the result set the user can see on the subsequent list or details screen is determined as an overlap of the following two principles: the entered search criteria on the one hand and the data within his data scope on the other hand.

For queries of reference data, one or more specific values of a result set can be masked due to restrictions in the data scope. Fields that contain values to be masked are overlaid by a lock icon.

With regard to transaction data, the data scope of a user is derived from the data scope of the related reference data. For example a cash transfer is within the data scope of the user when the credit account or debit account included in the cash transfer is within the data scope of the user.

There can be restrictions placed on some actions for certain elements within the data scope of the user. For example a user is not allowed to increase the queue position of a payment order where the credit account is owned by this party and the debit account is owned by another party. If a context menu is only available for a subset of the elements within the data scope of the user then this is explicitly mentioned in the description of the respective context menu.

Characters In the field description of the Screen Reference Guide, the required character format for input fields is listed.

CLM operates in British English and uses the UTF-8 character set to enter data. Furthermore, there is a validation for input fields to make sure that the input is compliant with the FIN X extended character set. However, some input fields are limited to the FIN X restricted character set. For the relevant fields, this is validated during data input.

0

Fields with FIN X extended character set

Ensure a given maximum length

Only allow the special characters: / \ - ? : () . , ' + ! # \$ % & * = ^_` { | } ~ " ; <> @ [] Do neither start nor end with a blank

0

Fields with FIN X restricted character set

Ensure a given maximum length

Only allow the special characters: / - ? : () . , ' +

Do neither start nor end with a blank

FIN X restricted fields

The following table lists the fields that are limited to the FIN X restricted character set. It also lists the screen on which the field appears. If the column 'Section' is filled it means that the restriction only applies to the field in this specific section of the respective screen. If the column is empty, the restriction applies to all occurrences of this field on the respective screen.

Field	Screen	Section
Business Message ID (Generated)	I Financial Institution Credit Transfer – New Screen	
End To End ID	 I Financial Institution Credit Transfer – New Screen I Liquidity Transfer – New Screen 	
ID	I Financial Institution Credit Transfer – New Screen	
Instruction ID	I Financial Institution Credit Transfer – New Screen	
Member ID	I Financial Institution Credit Transfer – New Screen	
Proprietary	I Financial Institution Credit Transfer – New Screen	
Subject	I Broadcast – New Screen	

Table 12 - List of fields subject to FIN X restricted character set

- **BIC Validator** The GUI uses a validator for fields that require the input of a BIC. The input can either be eight or eleven characters. In case the user enters eight characters, the entry will automatically be completed with three 'XXX' at the end (BIC8+XXX). Fields that use the BIC validator are indicated by the description 'Required format: 8 or 11 characters'.
- **IBAN Validator** The GUI uses a validator for fields that require the input of an IBAN. The validator checks for the correct pattern of the characters in the input field. It also validates the checksum.
- Amounts Amounts are displayed with a full stop as decimal separator and with a comma as thousands separator. While negative amounts are displayed in red and marked with a '-', the user can only type amounts that are greater than or equal to zero into input fields.

The GUI is case sensitive and differentiates between upper and lower case in terms of data input for input fields. Fields that are only filled with blanks are not processed by

target | T2

Case Sensitivity	CLM. When a field entry starts or ends with a blank, those blanks are deleted automatically.
Amount Entries	When entering amounts into input fields, the GUI does not add fractional digits automatically. If the user wishes to enter fractional digits, he has to use a decimal point (.) to separate the digits in front of the decimal point from the fractional digits. For better readability, the GUI does however automatically add thousands separators (,)
Quick Input	when the user enters amounts. To facilitate a quicker input, the user can enter the following characters in fields that
Entries	require the input of amounts:
	I The character T represents thousands, thereby allowing the user to enter three zeros directly
	I The character M represents millions, thereby allowing the user to enter six zeros di- rectly
	I The character B represents billions, thereby allowing the user to enter nine zeros di- rectly
	The input of the respective character immediately converts the entry into a value with the corresponding number of zeros.
	For quick input entries the GUI is not case sensitive.
Country Codes	Certain input fields require the entry of country codes by the user. Country codes have to be entered according to the alpha-2 code specified in ISO 3166-1.
Currency Codes	Certain input fields require the entry of currency codes by the user. Currency codes have to be entered according to the 3-digit code specified in ISO 4217.
External Code Sets	The ISO 20022 messages use external code sets that can be entered in certain input fields.
	Unlike other ISO 20022 code sets, the codes listed in the external code sets are not included in the relevant message scheme. The purpose of externalising these codes is to be able to update the code sets (e.g. add new codes) without impacting the messages themselves and, hence, without requiring the development of a new version of the messages that use these code sets.
	The external code sets can be downloaded from the following ISO 20022 page: <u>https://www.iso20022.org/external_code_list.page</u>
	As the external code sets will be updated by the International Organization for Standardization (ISO) roughly every three months, the values of these sets are in general not included in the UHB. Please consider that in cases when the values are explicitly listed in the UHB, the current external code sets published by ISO will be leading.

target | T2

Wildcards	A wildcard is a placeholder for one or more characters that can be used to broaden a
	search and its results. The user can enter a wildcard character in specific input fields
	when searching for data.
	When an input field allows the usage of wildcards, this is indicated by the suffix

When an input field allows the usage of wildcards, this is indicated by the suffix '(wildcards allowed)' in the label of the field.

There are two characters that can be used for a wildcard search:

- I The asterisk (*) to specify any number of characters
- I The question mark (?) to specify exactly one unknown character

The wildcard search requires the input of at least two characters prior to the asterisk and question mark. The wildcard characters can only be used at the end of the search expression, not in the beginning or in the middle.

MandatoryIn the GUI, mandatory fields are marked with an asterisk (*) in the label. On someContentscreens, whole sections and not just single fields are marked as mandatory. This is
because the sections have to include certain information that however can be provided by
different input fields. An asterisk next to the section divider indicates mandatory sections.
All mandatory fields and sections have to be filled in before the user can proceed.

Keyboard The user can navigate the GUI with the keyboard for a more effective workflow.

Navigation

The following general principles apply to the keyboard navigation:

- I All interaction elements are reachable via keyboard. Interaction elements are elements that are used to trigger an action or modify data.
- I Elements that are currently in focus via keyboard navigation are visually highlighted.
- I When opening or reloading a screen or pop-up, the focused element is the first section divider. If the screen or pop-up does not have a divider, the focus is positioned on the first interaction element.
- I Each screen and interaction element is navigated from left to right and from top to bottom.

The user can utilise the following keys and shortcuts while navigating via keyboard:

- I The 'Tab' key navigates to the next interaction element.
- I The 'Shift + Tab' shortcut navigates to the previous interaction element.
- I The 'Up' and 'Down' arrow keys move the cursor within a scrollable or paging element (e.g. a list or a menu).
- I The 'Left' and 'Right' arrow keys navigate between the menu hierarchy.
- I The 'Enter' key triggers an action for the element in focus.
- I The 'Esc' key triggers an action to dismiss.
- I The 'Ctrl + M' shortcut opens the main menu.



I The 'Ctrl + Y' shortcut opens the context menu related to the item in focus. The context menu can also be opened via the context menu button described in chapter Common Buttons and Icons [▶ 61] or the menu key on the keyboard.

0

Wording

For elements such as buttons, links or context menu entries the UHB uses the phrasing 'to click on', even though the user can also trigger these elements via keyboard navigation.

Mouse-over Function

For certain columns on list screens, there is a mouse-over function that allows the user to see additional information for specific list entries. In order to use this function, the user has to hover the mouse over the specific list entry for which the additional information is to be shown.

The respective field description in the Screen Reference Guide indicates if the mouseover function is available for a specific column.

4.5 Common Buttons and Icons

While working with the CLM GUI, the user will find that some buttons and icons appear regularly.

Open Button The user can click on this button to open a section of a screen. This button is positioned to the left of a divider of a section.



Figure 43 - Open Button

Close Button The user can click on this button to close a section of a screen. This button is positioned to the left of a divider of a section.

- Search Criteria

Figure 44 - Close Button

Page NumberThe page number button indicates the number of a page of a result list by showing aButtonnumber. The user can click on the respective page number button in order to directly
jump to that page of a list.



	1
	Figure 45 - Page Number Button
Active Page Number Button	The active page number button is coloured in a darker blue and indicates on which page of a result list the user is currently located.
	2
	Figure 46 - Active Page Number Button
First Page	The user can click on this button to return to the first page of a list.
Button	~
	Figure 47 - First Page Button
Preceding Page	The user can click on this button to return to the previous page of a list.
Button	
	Figure 48 - Preceding Page Button
Following Page	The user can click on this button to go to the following page of a list.
Button	
	Figure 49 - Following Page Button
Last Page	The user can click on this button to go to the last page of a list.
Button	»
	Figure 50 - Last Page Button
Refresh Button	The refresh button is positioned in the top right of the results divider on list screens. The user can click on this button to reload the content inside the results divider with the
	previously used search criteria.
	Refresh

Figure 51 - Refresh Button

The last refresh of the results set is indicated by a timestamp to the left of the refresh button.



Last Refresh: 2021-06-28 13:04:43 CEST Refresh

Figure 52 - Refresh Button with Timestamp

Export ButtonThe user can click on this button to export all data that the executed query has delivered.The complete result set will be exported, not only the visible rows limited to 2,000 entriesin the GUI. Upon clicking on this button, the download starts immediately.

The format of the downloaded file is CSV and the name of the file includes the component name, the screen name, the name of the table header and a timestamp.

The exported file is structured into a header and a body. The header is separated from the body by a double slash ('/).

The header of the exported file includes the component name, the screen name, the name of the table header, the name of the user and a timestamp. In the row below, the used search criteria are contained.

The body of the file includes the data of the query in a CSV file – using semicolons as field delimiters. For amounts displayed in the GUI, the corresponding currency will be contained in a separate column in the exported file.



Figure 53 - Export Button

Context MenuThe user can click on this button to open the available context menu options of the list
entries. This button is equivalent to a right-click with the mouse while using a touchpad or
keyboard navigation. The button is positioned at the very right of the respective list
entries.

•••	
	L

Figure 54 - Context Menu Button

Add Button The add button can appear to the right next to the divider of a section that contains reoccurring groups. The user can click on this button in order to add a new sub-section to the divider.



Figure 55 - Add Button

Delete Button The delete button can appear to the right next to the divider of a section that contains reoccurring groups. The user can click on this button in order to remove a sub-section from the divider.



	Delete
	Figure 56 - Delete Button
'+' Button	This button can appear to the left of certain input fields. The user can click on this button in order to add new lines to an input field.
	+
	Figure 57 - '+' Button
'-' Button	This button can appear to the left of certain input fields. The user can click on this button in order to remove lines from an input field.
	-
	Figure 58 - '-' Button
Smart-Select Button	This button can appear within input fields that have a smart-select option. It opens a smart-select screen where one or more search criteria can be used to find the desired option.
	Q
	Figure 59 - Smart-Select Button
Calendar Button	This button can appear within input fields that allow the user to select a date. It opens a date picker as a pop-up.
	曲
	Figure 60 - Calendar Button
Clock Button	This button can appear within input fields that allow the user to select a time. It opens a time picker as a pop-up.
	(O)
	Figure 61 - Clock Button
Screen-Specific Buttons	The button bar contains a certain set of screen-specific buttons such as the 'Submit' button or the 'Reset' button. The buttons in the button bar can vary depending on the screen and are described for each screen individually in the Screen Reference Guide. If the user enters data that does not pass the front-end validation, the 'Submit' button in the button bar is disabled.
'More than or equal to' Icon	This icon can appear to the left of fields that require the input of a date, time or amount. When entering an amount, this icon indicates 'more than or equal to'. When entering a date/time, this icon indicates 'after or equal to'.



≥

Figure	62 -	'More	than	or equal	to' Icon
--------	------	-------	------	----------	----------

'Less than or This icon can appear to the left of fields that require the input of a date, time or amount.**equal to' Icon** When entering an amount, this icon indicates 'less than or equal to'. When entering a date/time, this icon indicates 'before or equal to'.

<
-

Figure 63 - 'Less than or equal to' Icon

'Less than' Icon This icon can appear to the left of fields that require the input of a date, time or amount. When entering an amount, this icon indicates 'less than'. When entering a date/time, this icon indicates 'before'.

<

Figure 64 - 'Less than' Icon

'Equal' Icon This icon can appear next to an input field that requires the input of a date, time or amount to be used as a filter criteria which needs to be matched exactly.

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	L
	L

Figure 65 - 'Equal' Icon

Arrow Icon This icon can appear on specific screens. Upon clicking on this icon, the user is redirected to certain screens while transmitting the values of the current screen.



Figure 66 - Arrow Icon

Success Icon This icon indicates that an operation has been completed successfully.



Figure 67 - Success Icon

Error Icon This icon indicates that some type of error occurred. By hovering the mouse over the error icon, the user can get further information on the error.



Figure 68 - Error Icon

'x' Icon This icon can be used to close boxes or pop-ups.



×

Figure 69 - 'x' Icon

Loading Screen This animated icon indicates that a screen is loading or being updated.



Figure 70 - Loading Screen Icon

Lock Icon

This icon indicates that the user is not allowed to see a value of one or more specific fields in a result set due to restrictions in his data scope.



Figure 71 - Lock Icon

4.6 Validations

The data entered in the CLM GUI undergoes a validation process consisting of up to three phases.

Front-end As a first phase of the validation process, the front-end validation takes place without communication with the back-end. This occurs while the user is entering data. The front-end validation may include field validations and cross-field validations. The field validation verifies that the entry complies with the required format. The cross-field validation checks the data consistency between two or more fields in relation to each other. In case of a front-end validation error, a red error icon will be shown next to the erroneous input field. By hovering the mouse over the error icon, the user can get further information on the error.

The front-end validation assists the user in detecting erroneous data as early as possible.

SynchronousAfter a successful front-end validation, the user can submit data by clicking on theBack-endrelevant button.

Validation Data submitted to query information is subject to consistency checks in the back-end (e.g. regarding mandatory information needed to execute the query). The user is informed in the notification area if a consistency check fails.

Data submitted for further processing is subject to immediate business validations in the backend. The user is informed about the result of these validations in the notification area. There are two different message types available, the error notification and the success notification.

The chapter References for Error Messages for GUI Screens contains the error codes that may appear in the notification area if the synchronous back-end validation fails.



After the successful synchronous back-end validation of a GUI instruction a task is created to asynchronously process the data entered or modified in the GUI. The processing of such a task encompasses the asynchronous back-end validation. In contrast to GUI instructions no tasks are created for GUI queries.

AsynchronousDue to the asynchronous processing of tasks in the task queue, the result of thisBack-endvalidation phase will not be available immediately and it will not be displayed within theValidationscreen on which the data has been entered. The user can query the 'Task Queue –
Query Screen' for further information.

The error messages resulting from the asynchronous back-end validation are not in the scope of the UHB. For details on these error messages see CLM UDFS, chapter 'Index of validation rules and error codes'.

General With regard to

remarks

I the creation of cash transfer orders in the GUI and

I the contingency upload of A2A files and messages in U2A,

only a subset of business validations is included in the synchronous back-end validation. The remaining business validations are part of the subsequent asynchronous back-end validation.

For all other GUI instructions the whole set of business validations is part of the synchronous back-end validation.

The execution validations are irrespective of the kind of GUI instruction included in the asynchronous back-end validation.

The following table gives an overview of the validation process:



		U2A ACTIONS		
Type of validation	Check result shown in the GUI	Queries	Creation of cash transfer orders in the GUI, contingency upload of A2A files and messages	All other GUI instructions
Front-end validation	yes	Data consistency checks	Data consistency checks	Data consistency checks
Synchronous back-end validation	yes	Data consistency checks	Initial business validations, NRO validation	All business validations, NRO validation
Asynchronous back-end validation	no	n.a.	Subsequent business validations, execution validations	Execution validations

Table 13 - Validation process

4-Eyes Mode Depending on the access rights setup, the user can operate the CLM GUI in 2-eyes or in 4-eyes mode. The 2-eyes mode and the 4-eyes mode apply for the set-up, the modification and for any kind of deletion of data. If the 4-eyes mode is used, the actions have to be confirmed by a second user in order to be processed.

A party can decide via allocation of roles (i.e. a dedicated set of privileges including privileges in 2- and 4-eyes mode) whether a specific task can be done in 2-eyes or 4-eyes mode in U2A. This allocation is relevant for all users of the respective party. It is not possible to choose the same privilege in both modes.

- Initial User In 4-eyes mode the initial user enters, changes or deletes the data on a screen and afterwards submits the action by clicking on the submit button in the button bar. The success notification appearing after successful validation includes a task ID. The initial user can edit and withdraw his initial entry. {CR-143} For the final execution, a second user is needed to confirm the action in the 'Task Queue Details Screen'.
- Second User After the initial user has entered, changed or deleted the data, a second user (with the required privilege) has to confirm or withdraw the action in the 'Task Queue Details Screen'. ¹ As soon as the data changes are confirmed, CLM marks them as confirmed and forwards them for further processing. If a task is altered, the original task is revoked

¹ In case of a modification, technically the original task is deleted and a new task with the modified values is created.



and the new task is waiting for approval, if the altering user also only has 4-eyes mode privileges.

DigitalIn order to ensure NRO for critical transactions, the use of a digital signature has beenSignature -implemented for specific screens. The user will be asked to enter a PIN code forNROsignature purposes whenever an instruction is initiated. With the entry of the PIN code, a
digital signature is attached to the instruction.

After the user clicks on the relevant button, e.g. 'Submit' on the screen, the Ascertia Go>Sign Desktop client is called from the GUI opening a pop-up. This pop-up will handle the PIN code entry and validation against the signature stored on the device. The pop-up offers the possibility to confirm the PIN entry ('OK') or to cancel the PIN entry ('Cancel') and return to the previous screen.

Ente	er PIN f	or token	Histories and	×
	Ent	ter PIN [A	ittempt: 1]	
	[ОК	Cancel	

Figure 72 - NRO – Enter PIN – Pop-up

The following principles apply to the digital signature:

- I The acceptance of the signature is not a confirmation of the execution of the GUI instruction in the back-end. The user signature is only used to confirm that the user authorised an entry. In case the back-end validation returns an error, the signature process has to be repeated after the correction of data.
- I Generally, only one instruction at a time can be signed. There are, however, specific use cases which can be processed via bulk action. This allows the user to initiate and therefore sign more than one instruction of the same use case at the same time.
- I In case of 4-eyes mode, the user who initiates the instruction and the user confirming the instruction both have to sign individually using their respective certificates.
- I The PIN is blocked when it is entered five times in a wrong way.

Use case	Bulk action possible	
This table lists the use cases for which the NRO feature is implemented. It further shows if a processing via bulk action is possible.		
Authorise/cancel minimum reserve infringement penalty payment		
Confirmation/Withdrawal of 4-eyes task entries		
Create and modify credit line	Yes	
Enter broadcast		

GUI Structure

Validations

Use case	Bulk action possible
Enter current liquidity transfer order	
Enter current reservation	
Enter marginal lending on request ²	
Enter overnight deposit ³	
Enter payment order – pacs.009	
Enter/modify minimum reserve requirement ⁴	Yes
Manual reverse booking	Yes
Modify 4 eyes tasks	
Modify cash transfer order	Yes
Modify current reservation	
Modify minimum reserve fulfilment ⁵	Yes
Release cash transfer order of blocked party	Yes
Reorder payment in queue	Yes
Repeat sending	Yes
Revocation of payment	Yes
Simulate a positive receipt	Yes
Simulate receipt	Yes
Upload A2A file or message via U2A	

2 This use case is only relevant for users with party operating in EUR.

target | T2

³ This use case is only relevant for users with party operating in EUR.

⁴ This use case is only relevant for users with party operating in EUR.

⁵ This use case is only relevant for users with party operating in EUR.



Table 14 - Use Cases with NRO Validation

4.7 Online Help

The online help is a context sensitive display of the content of the UHB. It can be accessed from the CLM GUI by clicking on the online help button which opens the screen description corresponding to the current screen in a new tab.

The table of contents on the left side offers the possibility to navigate to other parts of the online help.



Figure 73 - Online Help Button

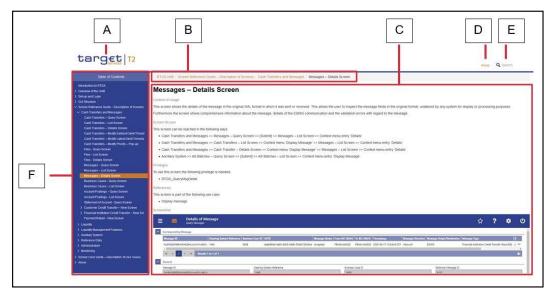


Figure 74 - Online Help

Figure Description

Label	Element	Description
A	TARGET Services T2 Logo	This area shows the TARGET Services T2 logo. Clicking on the logo opens the welcome screen of the online help, providing information on the author, version number and publication date of the UHB.
В	Breadcrumb	This area shows the navigation hierarchy to the currently opened UHB chapter. It contains links to the higher-ranking chapters in the navigation structure of the online help.

target | T2

Label	Element	Description
С	Content area	This area is the main element of the online help displaying the content of the UHB.
D	Home button	This button opens the welcome screen of the online help, providing information on the author, version number and publication date of the UHB.
E	Search field	This field allows the user to search for specific keywords. After executing the search, a result list with the relevant UHB chapters will be displayed.
F	Table of contents	The table of contents serves as a navigation element providing access to the content of the UHB by structuring it hierarchically into different chapters and sub-chapters. The currently opened chapter is highlighted in orange.

Table 15 - Online Help

5 Screen Reference Guide – Description of Screens

The screen reference guide offers an overview of all CLM GUI screens that are available in U2A mode. Each screen description focuses on a specific screen and describes the elements (e.g. fields or buttons) that it contains. The structure for each screen description follows the same principle and contains the following elements.

- Context ofThe context of usage describes the content and functions of the screen and the possibleUsageactions that can be performed. It also describes special features or restrictions of the
screen and the relations to other screens of the GUI.
- Screen Access The screen access section lists every possible way to access a screen. This includes navigation via the menu, via other screens as well as navigation via context menus and buttons. Menu entries that have to be clicked on are indicated by '>>' in the respective order. Buttons that have to be clicked on are indicated by '[Button Name]' and context menu entries that have to be clicked on are referred to as shown in the example below. Context menu entries can be accessed by right-clicking on a list entry on a list or details screen.

1			
	ŏ	1	

Example

Navigation via the menu:

Cash Transfers and Messages >> Messages - Query Screen

Navigation via other screens:

Cash Transfers and Messages >> Messages - Query Screen >> [Submit]

Navigation via context menu:

Cash Transfers and Messages >> Messages – Query Screen >> [Submit] >> Context menu entry 'Details'

- PrivilegesThe privileges section lists all necessary privileges in order to access a screen and to use
its main functions. Privileges that are only necessary to use a specific function of the
screen are listed in the description of the respective button, context menu entry or field.
- **References** The references section lists all use cases of the Screen User Guide that include the respective screen. The use cases are linked so that the user can jump to the necessary information in order to complete common workflows.
- Screenshot A screenshot of the respective screen is provided in order to serve as orientation when working with the GUI. All screenshots are based on the maximum of access rights, so deviations are possible if the user does not own all privileges which are necessary to use the screen to its full extent. In addition, deviations between the screenshot and the field/button descriptions are possible in a case of mutually exclusive functions or based

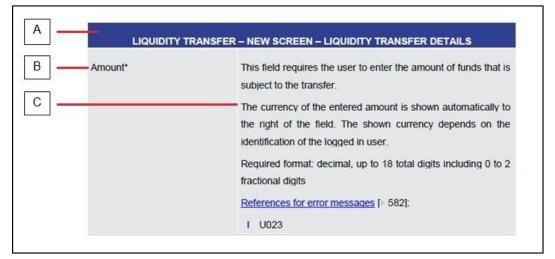


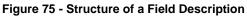
on a specific selection the user has made. Values shown on the screenshot may also deviate from the default values indicated in the description.

Field Descriptions

The field descriptions section provides the relevant information related to a respective field such as field function, possible values, mandatory content (*) or required format for the input of data.

The field descriptions are structured in table format with a separate table for each section of the screen. The title cell of each table serves as a navigation element that contains the section of the screen in which the described fields appear. The following figure explains the structure of a field description.





Label	Element	Description
A	Title cell	The title cell shows in which section of the screen the field appears and serves as navigation help for the user.
В	Field name	The field name is the name of each field on the screen. Mandatory fields are marked with an asterisk after the field name.
C	Field description	The field description indicates the function of the field and the required or possible activity by the user. It also contains information regarding the relationship to other fields, possible values or format requirements as well as additional field- specific information.



Table 16 - Structure of a Field Description

- Buttons All buttons specific to the screen are listed and described in a table. The buttons of the button bar are listed at the end of each screen description. On some screens, buttons can appear in the business content part of the content area. In this case, they are listed and described at the position of the screen at which they appear. Therefore, tables that describe fields and tables that describe buttons can alternate. The word 'Buttons' in the title cell of a table indicates that a table describes a button.
- **Context Menu** All context menu entries that are available on a specific screen are listed and described in a table at the position of the screen at which they appear. Therefore, tables that describe fields and tables that describe context menu entries can alternate. The word 'Context Menu' in the title cell of a table indicates that a table describes a context menu.



Wording

Screens involving a cash transfer do not differentiate between a cash transfer order and a cash transfer (settled cash transfer order). Accordingly, the UHB only differentiates between cash transfers and cash transfer orders if relevant for a specific function. In all other functions a cash transfer also means a cash transfer order.



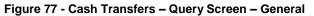
	5.1 Cash Transfers and Messages
	5.1.1 Cash Transfers – Query Screen
Context of Usage	This screen offers the possibility to query cash transfers in CLM. It is possible to query intra-service and inter-service cash transfers that include a CLM account.
	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Entry Timestamp' in descending order.
	The cash transfers matching the data of the search fields are shown in the <u>Cash</u> <u>Transfers – List Screen</u> [▶ 94].
Screen Access	This screen can be reached in the following way:
	I Cash Transfers and Messages >> Cash Transfers – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryCashTrans
References	This screen is part of the following use case:
	I Query/List cash transfers [▶ 480]
Screenshot	= 🧧 Query Cash Transfers ☆ ? 🌣 🕐
	Sexted.tettel Image:

Figure 76 - Cash Transfers – Query Screen (all sections closed)

Submit Reset



ech Gilteria								
General								
Credits / Debits								
Credits and Debits	~							
Message Type	0	ach Transfer Type		Cash Transfer Category		Cash Transfer Status		
No filter selected	AX [No filter selected	AI	No filter selected	AT	No filter selected		
Exect Amount								
=	EUR							
Amount From		mount To						
2	EUR	<	EUR					
Value Date								
Timing								
Account Selection								
Identifier								
Sender and Receiver Information (BAH)								
Counterparty Country								
Output Parameters								



CASH TRA	NSFERS – QUERY SCREEN – GENERAL
Credits / Debits	This field offers the possibility to restrict the result list to cash transfers of a specific transaction type.
	Possible values:
	I Credits and Debits
	I Credits
	I Debits
	Default value: 'Credits and Debits'
Message Type	This field offers the possibility to restrict the result list to cash transfers of a specific message type.
	Select one or more of the following values:
	Financial Institution Credit Transfer (pacs.009)
	Financial Institution Direct Debit (pacs.010)
	Liquidity Credit Transfer (camt.050)
	For details on the message types see CLM UDFS, chapters 'List of messages' and 'List of messages specific for CBs'.
	Default value: 'No filter selected'
Cash Transfer Type	This field offers the possibility to restrict the result list to cash transfers of a specific cash transfer type.
	This field and the field 'Cash Transfer Category' are mutually exclusive.
	Select one or more of the following values:



CASH TRAI	NSFERS – QUERY SCREEN – GENERAL
	I Liquidity Transfer
	I Payment
	Default value: 'No filter selected'
Cash Transfer Category	This field offers the possibility to restrict the result list to cash transfers of a specific category.
	This field and the field 'Cash Transfer Type' are mutually exclusive.
	Select one or more of the following values:
	I AMLR AML - Reimbursement Conn. Paym. ⁶
	I AMLS AML - Setting Up Conn. Paym. 7
	I BILI Billing – Invoice
	I BLKD CB Direct Debit Related To Seizure Of Funds
	I CCBT EOD Settlement On CB ECB Accounts 8
	I CONP Connected Payment
	I IACP Interest Payment 9
	I LAUT Automated LT
	I LCCA EOD LT Due To Closing Of Account
	I LCCS Balances From Contingency Service
	I LIIA Immediate LT - Intra-Service
	I LIIE Immediate LT - Inter-Service
	I LIPU Immediate LT - Inter-Service Pull
	I LRCB Rule-Based LT - Ceiling Breach
	I LRFB Rule-Based LT - Floor Breach
	I LRQP Rule-Based LT - Queued RTGS Cash Transfer
	I LSIA Standing Order LT - Intra-Service
	I LSIE Standing Order LT - Inter-Service
	I MCBT EOD Settlement On ECB Mirror Accounts ¹⁰

- 6 Cash Transfer Category only relevant for users with party operating in EUR
- 7 Cash Transfer Category only relevant for users with party operating in EUR
- 8 Cash Transfer Category only relevant for users with party operating in EUR
- 9 Cash Transfer Category only relevant for users with party operating in EUR



CASH TRANSFERS – QUERY SCREEN – GENERAL					
	I MLIN ML Interest ¹¹				
	I MLRR ML On Request - Reimbursement ¹²				
	I MLRS ML On Request - Setting Up ¹³				
	I MLRV ML On Request - Reverse ¹⁴				
	I MRER Interest On Excess Reserve - Tier 2 ¹⁵				
	I MREX Interest On Excess Reserve - Tier 1 ¹⁶				
	I MRIN Interest On Minimum Reserve ¹⁷				
	I MRPN Penalties ¹⁸				
	I OCBO Other CBOs				
	I ODIN Overnight Deposit - Interest ¹⁹				
	I ODRF Overnight Deposit - Refunding ²⁰				
	I ODRV Overnight Deposit - Reverse Transaction ²¹				
	I ODSU Overnight Deposit - Setting Up ²²				
	Default value: 'No filter selected'				
Cash Transfer Status	This field offers the possibility to restrict the result list to cash				
	transfers of a specific status.				
	Select one or more of the following values:				

- 10 Cash Transfer Category only relevant for users with party operating in EUR
- 11 Cash Transfer Category only relevant for users with party operating in EUR
- 12 Cash Transfer Category only relevant for users with party operating in EUR
- 13 Cash Transfer Category only relevant for users with party operating in EUR
- 14 Cash Transfer Category only relevant for users with party operating in EUR
- 15 Cash Transfer Category only relevant for users with party operating in EUR
- 16 Cash Transfer Category only relevant for users with party operating in EUR
- 17 Cash Transfer Category only relevant for users with party operating in EUR
- 18 Cash Transfer Category only relevant for users with party operating in EUR
- 19 Cash Transfer Category only relevant for users with party operating in EUR
- 20 Cash Transfer Category only relevant for users with party operating in EUR
- 21 Cash Transfer Category only relevant for users with party operating in EUR
- 22 Cash Transfer Category only relevant for users with party operating in EUR



CASH TRAI	NSFERS – QUERY SCREEN – GENERAL
	I Earmarked
	I Partially Settled
	I Queued
	I Rejected
	I Revoked
	I Settled
	I Warehoused
	Default value: 'No filter selected'
Exact Amount	This field offers the possibility to restrict the result list to cash transfers of a specific amount.
	This field and the fields 'Amount From' and 'Amount To' are mutually exclusive.
Amount From	This field offers the possibility to restrict the result list to cash transfers of amounts equal to or higher than the value entered in this field.
	The value entered in this field has to be lower than the value entered in the field 'Amount To'.
	This field and the field 'Exact Amount' are mutually exclusive.
Amount To	This field offers the possibility to restrict the result list to cash transfers of amounts smaller than the value entered in this field.
	The value entered in this field has to be higher than the value entered in the field 'Amount From'.
	This field and the field 'Exact Amount' are mutually exclusive.

Table 17 - Cash Transfers – Query Screen – General



Search Criteria			
+ General			
- Value Date			
From 2020-06-10	To		
+ Timing			
+ Account Selection			
+ Identifier			
+ Sender and Receiver Information (BAH)			
+ Counterparty Country			
+ Output Parameters			

Figure 78 - Cash Transfers – Query Screen – Value Date

Field Descriptions

CASH TRANS	SFERS – QUERY SCREEN – VALUE DATE
From	This field offers the possibility to restrict the result list to cash transfers with a starting value date on or after a specific date.
	The date entered in this field has to be equal to or earlier than the date entered in the field 'To'. The user can choose between the current day, a business day within the following ten calendar days or can leave the field empty.
	The user can enter a date manually or specify it by clicking on the calendar button.
	Default value: current business day
	Required format: YYYY-MM-DD
То	This field offers the possibility to restrict the result list to cash transfers with an ending value date on or before a specific date.
	The date entered in this field has to be equal to or later than the date entered in the field 'From'. The user can choose between the current day and a business day within the following ten calendar days.
	The user can enter a date manually or specify it by clicking on the calendar button.
	Default value: current business day +10 calendar days
	Required format: YYYY-MM-DD

Table 18 - Cash Transfers – Query Screen – Value Date



Query Cash Transfers				습	?	٠	
earch Criteria							
+ General							
+ Value Date							
- Timing							
Earliest Debit Timestamp From		Earliest Debit Timestamp To					-
2 YYYY-MM-DD HH:MM:SS	CEST #	< YYYY-MM-DD HHMM:SS	CEST #				
Latest Debit Timestamo From		Latest Debit Timestamp To					
≥ YYW-MM-DD HH:MM:SS	CEST 🛗	< VYYY-MM-DD HR/MM:SS	CEST 🗰				
Entry Timestamp From		Entry Timestamp To					
2 YYYY-MM-DD HH:MM:SS	CEST 🛗	< VYYY-MM-DD HHMM:SS	CEST #				
Settlement Timestamp From		Settlement Timestamp To					
YYYY-MM-DD HH:MM:SS	CEST 📫	YVYY-MM-DD HHMM:SS	CEST 🗰				
+ Account Selection							-
+ Identifier							
+ Sender and Receiver Information (BAH)							
							-
+ Counterparty Country							
+ Output Parameters							

Figure 79 - Cash Transfers – Query Screen – Timing

CASH TRANSFERS – QUERY SCREEN – TIMING				
Earliest Debit Timestamp From	This field offers the possibility to restrict the result list to cash transfer orders with an earliest debit timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field 'Earliest Debit Timestamp To'.			
	The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS			
Earliest Debit Timestamp To	This field offers the possibility to restrict the result list to cash transfer orders with an earliest debit timestamp earlier than the date and time entered in this field. The value in this field must be later than the value in the field 'Earliest Debit Timestamp From'. The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS			
Latest Debit Timestamp From	This field offers the possibility to restrict the result list to cash transfer orders with a latest debit timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field 'Latest Debit Timestamp To'. The user can enter the timestamp manually or specify it by clicking on the calendar button.			



CASH TRANSFERS – QUERY SCREEN – TIMING		
	Required format: YYYY-MM-DD HH:MM:SS	
Latest Debit Timestamp To	This field offers the possibility to restrict the result list to cash transfer orders with a latest debit timestamp earlier than the date and time entered in this field. The value in this field must be later than the value in the field 'Latest Debit Timestamp From'.	
	The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS	
Entry Timestamp From	This field offers the possibility to restrict the result list to cash transfers with an entry timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field	
	'Entry Timestamp To'.	
	The user can enter the timestamp manually or specify it by clicking on the calendar button.	
	Required format: YYYY-MM-DD HH:MM:SS	



CASH TRANSFERS – QUERY SCREEN – TIMING		
Entry Timestamp To	This field offers the possibility to restrict the result list to cash transfers with an entry timestamp earlier than the date and time entered in this field.	
	The value in this field must be later than the value in the field 'Entry Timestamp From'.	
	The user can enter the timestamp manually or specify it by clicking on the calendar button.	
	Required format: YYYY-MM-DD HH:MM:SS	
Settlement Timestamp From	This field offers the possibility to restrict the result list to cash transfers with a settlement timestamp equal to or later than the date and time entered in this field.	
	The value in this field must be earlier than the value in the field 'Settlement Timestamp To'.	
	The user can enter the timestamp manually or specify it by clicking on the calendar button.	
	Required format: YYYY-MM-DD HH:MM:SS	
Settlement Timestamp To	This field offers the possibility to restrict the result list to cash transfers with a settlement timestamp earlier than the date and time entered in this field.	
	The value in this field must be later than the value in the field 'Settlement Timestamp From'.	
	The user can enter the timestamp manually or specify it by clicking on the calendar button.	
	Required format: YYYY-MM-DD HH:MM:SS	

Table 19 - Cash Transfers – Query Screen – Timing



😑 🧐 Query Cash Transfers	¢	?	٠	ወ
- Search Criteria				
+ General				
Value Date				
Timing Timing				
- Account Selection				
Account Number Account BIC				
No fitter selected Q Q				
Account Type				
No fitter selected				
Identifier				
Sonder and Receiver Information (BAH)				
Counterparty Country				
Output Parameters				_
Submit Boot				

CASH TRANSFERS - QUERY SCREEN - ACCOUNT SELECTION

Figure 80 - Cash Transfers – Query Screen – Account Selection

Account Number	This field offers the possibility to restrict the result list to cash transfers of one or more specific account number(s). This field and the field 'Account Type' are mutually exclusive.
	The user can enter the account number(s) manually or search for them by clicking on the smart-select button and opening the <u>Cash Account Reference Data – Query Screen</u> [> 362] as a pop-up. While searching, the displayed values are restricted to the
	data scope of the user. Depending on the selection made in the field 'Credits / Debits' the query will take into account the account number the user enters in this field on the credit and/or debit side of the cash
	 transfer. Default value: 'No filter selected' Required format: up to 34 characters – with the following additional restrictions to the input value: Must not start or end with a space, but may have space/s
	 within the middle Must not start or end with a slash May contain slashes within the middle, but not more than one consecutive slash
Account BIC	This field offers the possibility to restrict the result list to cash transfers of one or more specific account BIC(s).



CASH TRANSFER	S – QUERY SCREEN – ACCOUNT SELECTION
	This field and the field 'Account Type' are mutually exclusive.
	The user can enter the account BIC(s) manually or search for them by clicking on the smart-select button and opening the BICs – Query Screen [$>$ 373] as a pop-up. While searching, the displayed values are not restricted to the data scope of the user.
	Depending on the selection made in the field 'Credits / Debits' the query will take into account the account BIC the user enters in this field on the credit and/or debit side of the cash transfer.
	Default value: 'No filter selected'
	Required format: 11 characters
Account Type	This field offers the possibility to restrict the result list to cash transfers of specific account types.
	This field and the fields 'Account BIC' and 'Account Number' are mutually exclusive.
	The value selected in this field is independent of the selection made in 'Credits / Debits'.
	Select one or more of the following values:
	I CB ECB Account ²³
	I CLM CB Account
	I CLM Dedicated Transit Account For T2S
	I CLM Dedicated Transit Account For TIPS
	I CLM Dedicated Transit Account For RTGS
	I CLM Technical Account for ECONS II
	I ECB Mirror Account ²⁴
	I Marginal Lending Account ^{25 26}
	I MCA

- 23 Account type only relevant for users with party operating in EUR
- 24 Account type only relevant for users with party operating in EUR
- 25 Until ECMS go-live
- 26 Account type only relevant for users with party operating in EUR



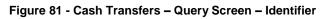
CASH TRANSFER	S – QUERY SCREEN – ACCOUNT SELECTION
CASH TRANSFER	 I Overnight Deposit Account ²⁷ I RTGS CB Account I RTGS DCA I RTGS Sub-Account I TIPS Account I TIPS AS Technical Account I TIPS Transit Account
	I T2S CB Account
	I T2S Dedicated Transit Account
	Default value: 'No filter selected'

Table 20 - Cash Transfers – Query Screen – Account Selection

²⁷ Account type only relevant for users with party operating in EUR



+ General					
Value Date	e.				
Timing					
Account Se	ielection				
Identifier					
Business Ca	ase ID	UETR			
Instruction	D	End to End ID	Clearing System Reference		
Sender and	d Receiver Information (BAH)				
Counterpa	arty Country				
Output Par	iraimeters				



CASH TRA	NSFERS – QUERY SCREEN – IDENTIFIER
Business Case ID	This field offers the possibility to restrict the result list to cash transfers with a specific business case identification. Required format: up to 16 numerical characters
UETR	 This field offers the possibility to restrict the result list by entering a Unique End-to-End Transaction Reference (UETR). Required format: 36 characters – up to 32 hexadecimal characters separated by hyphens as follows: xxxxxxx-xxxx-4xxx-yxxx-xxxxxxx Character formats: x – any lowercase hexadecimal character 4 – fixed value y – either: 8, 9, a, b
Instruction ID	This field offers the possibility to restrict the result list to cash transfers with a specific instruction identification.The instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction.Required format: up to 35 characters
End to End ID	This field offers the possibility to restrict the result list to cash transfers with a specific end-to-end identification as assigned by the initiating party. This identification is passed on, unchanged, throughout the



CASH TRAN	ISFERS – QUERY SCREEN – IDENTIFIER
	entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction. Required format: up to 35 characters
Clearing System Reference	This field offers the possibility to restrict the result list to cash transfers with a specific clearing system reference. For the utilisation of this message item and for types of messages that include it see CLM UDFS, chapter <i>'List of Messages'</i> . Required format: up to 16 characters
Debtor BIC	This field offers the possibility to restrict the result list to cash transfers of a debtor as specified in the underlying message or in the U2A liquidity transfer. Required format: 8 or 11 characters
Creditor BIC	This field offers the possibility to restrict the result list to cash transfers of a creditor as specified in the underlying message or in the U2A liquidity transfer. Required format: 8 or 11 characters

Table 21 - Cash Transfers – Query Screen – Identifier



≡	or Query Cash Transfers	☆	?	٠	ሆ
- Sea	ch Chiteria				
+	General				
+	Value Date				
+	Tinleg				
	Account Selection				
	Identifier				
	Sender and Receiver Information (BAH)				
10	frem BIC To BIC				
+	Conterparty Country				
+	Output Parameters				
Submit	Real				

Figure 82 - Cash Transfers – Query Screen – Sender and Receiver Information (BAH)

Field Descriptions

CASH TRANSFERS – QUERY SCREEN – SENDER AND RECEIVER INFORMATION (BAH)	
From BIC	This field offers the possibility to restrict the result list to cash transfers with a specific BIC of the sender. Required format: 8 or 11 characters
To BIC	This field offers the possibility to restrict the result list to cash transfers with a specific BIC of the receiver. Required format: 8 or 11 characters

Table 22 - Cash Transfers – Query Screen – Sender and Receiver Information (BAH)



Screenshot Comparison Compar

Figure 83 - Cash Transfers – Query Screen – Counterparty Country

Field Descriptions

Counterparty Country This field offers the possibility to restrict the result list to cash	CASH TRANSFERS – QUERY SCREEN – COUNTERPARTY COUNTRY		
transfers of specific counterparty countries. Default value: 'No filter selected'	Counterparty Country		

 Table 23 - Cash Transfers – Query Screen – Counterparty Country



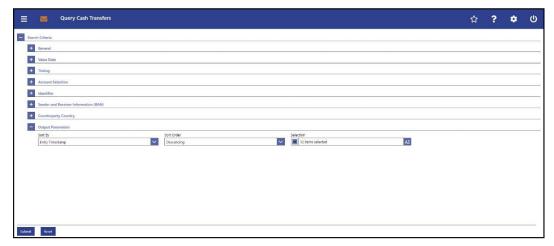


Figure 84 - Cash Transfers – Query Screen – Output Parameters

CASH TRANSFER	S – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Only values selected in the field 'Selection' are available in this field.
	Possible values (default selection):
	I Amount
	I Cash Transfer Status
	I Credit Account
	I Debit Account
	I Earliest Debit Timestamp
	I End to End ID
	I Entry Timestamp
	I Instruction ID
	I Latest Debit Timestamp
	I Message Type
	I Queue Position
	I Settlement Timestamp
	Default value: 'Entry Timestamp'
	Note: The user can select additional values by enabling the respective entries in the field 'Selection'.
Sort Order	This field offers the possibility to select the order which is to be



CASH TRANSFER	S – QUERY SCREEN – OUTPUT PARAMETERS
	used to sort the elements in the result list.
	Possible values:
	I Ascending
	I Descending
	Default value: 'Descending'
Selection	This field offers the possibility to select the columns that will be shown in the result list on the following 'Cash Transfers – List Screen'.
	By default, the following values are selected:
	I Amount
	I Cash Transfer Status
	I Credit Account
	I Debit Account
	I Earliest Debit Timestamp
	I End to End ID
	I Entry Timestamp
	Latest Debit Timestamp
	I Message Type
	Queue Position
	I Settlement Timestamp
	The user can deselect default values and can additionally select the following values:
	I Business Case ID
	I Cash Transfer Category
	I Cash Transfer Type
	I Clearing System Reference
	I Counterparty Country
	I Credit Account Type
	I Debit Account Type
	I From BIC (BAH)
	I To BIC (BAH)



Buttons

Context of

CASH TRA	NSFERS – QUERY SCREEN – OUTPUT PARAMETERS
	I UETR
	I Value Date
Table 24 - Cash Transfers	s – Query Screen – Output Parameters
CAS	SH TRANSFERS – QUERY SCREEN – BUTTONS
Submit	The user can click on this button to query all cash transfers
	matching the entered criteria.
	The result list will be displayed in the Cash Transfers - Lis
	<u>Screen</u> [▶ 94].
Reset	The user can click on this button to reset all fields to their
	default values.
Table 25 - Cash Transfor	s – Query Screen – Buttons
	s – Query Screen – Buttons
5.1.2 Cash Transfe	rs – List Screen

Usage These criteria were either defined on the <u>Cash Transfers – Query Screen</u> [▶ 76] or implicitly defined when opening this screen via a context menu.

This screen lists all cash transfers meeting a defined set of criteria.

- Screen Access This screen is selectable in screens displaying entries related to cash transfers (e.g. messages, account postings) via context menu entry (e.g. 'Display Cash Transfer'). It can further be reached in the following way:
 - I Cash Transfers and Messages >> Cash Transfers Query Screen >> [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryCashTrans

References This screen is part of the following use cases:

- I <u>Query/List cash transfers</u> [▶ 480]
- I <u>Revocation of payment</u> [▶ 482]
- I <u>Reorder payment in queue</u> [▶ 483]
- I <u>Modify earliest debit timestamp</u> [▶ 483]
- I <u>Modify latest debit timestamp</u> [▶ 484]
- I <u>Release cash transfer order of blocked party</u> [▶ 485]
- I <u>Manual reverse booking</u> [▶ 486]
- I <u>Simulate a positive receipt</u> [▶ 492]



Search Criteria											
Results										u	ast Refresh: 2022-11-09 10:46:25 CE
List of Cash Transfers											
Queue Position	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
	8110910373541302	E110910373541302	Financial Institution Credit Transfer (Pacs.009)	CBIOIPLC001X	PBASPLC001X	2.110.00 EUR	Settled			2022-11-09 1038:16 CET	2022-11-09 10:38:16 CET
	8110910323326302	£110910323326302	Financial Institution Credit Transfer (Pacs 009)	CENTPLECOTIX	PEASPLC001X	10.00 EUR	Settled			2022-11-09 10:33:20 CET	2022-11-09 10:33:20 CET
				CBIOIPLC001X	PBC8PLC001X	0.01 EUR	Warehoused				2022-11-08 19:03:21 CET
				CRIOPLEDOTX	PEAPPLCO1EX	5,401,64 EUR	Warehoused				2022-11-08 19:03:20 CET
				CBIOIPLC001X	PBAPPLCO18X	0.47 EUR	Warehoused				2022-11-08 19:03:20 CET
				CEXCEPLEDENX	PRAPPLEDIEX	o de sus	Warehoused				2022-11-08 19:02:19 CET

Figure 85 - Cash Transfers – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Cash Transfers – Query Screen</u> [▶ 76]. The columns displayed in the result list depend on the values selected in the field 'Selection' on the 'Cash Transfers – Query Screen'.

CASH TRANSFERS – LIS	T SCREEN – RESULTS – LIST OF CASH TRANSFERS
Queue Position	This column shows the position of the cash transfer in the respective queue. This column only contains a value if the respective cash transfer is queued.
Instruction ID	This column shows the instruction identification of the cash transfer which can be assigned by an instructing party. The instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction.
End to End ID	This column shows the end-to-end identification of a cash transfer which is assigned by the initiating party. This identification is passed on, unchanged, throughout the entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction.
Message Type	This column shows the message type of the cash transfer.
Debit Account	This column shows the account BIC or the account number of the debit account, depending on the cash transfer type. In case of a liquidity transfer the account number is displayed. In case of a payment, the account BIC is displayed.
Debit Account Type	This column shows the account type of the account that is debited by the cash transfer.
Credit Account	This column shows the account BIC or the account number of the credit account, depending on the cash transfer type.



CASH TRANSFERS – LIS	T SCREEN – RESULTS – LIST OF CASH TRANSFERS
	In case of a liquidity transfer the account number is displayed. In case of a payment, the account BIC is displayed.
Credit Account Type	This column shows the account type of the account that is credited by the cash transfer.
Amount	This column shows the amount and currency of the cash transfer.
	In case of a partial execution, the partially settled amount is shown.
Cash Transfer Status	This column shows the status of the cash transfer.
Earliest Debit Timestamp	This column shows the earliest debit timestamp of the cash transfer order.
Latest Debit Timestamp	This column shows the latest debit timestamp of the cash transfer order.
Settlement Timestamp	This column shows the settlement timestamp of the cash transfer. If the cash transfer order has not yet been settled, no value is displayed.
Cash Transfer Type	This column shows the type of the cash transfer.
Cash Transfer Category	This column shows the category of the cash transfer.
From BIC (BAH)	This column shows the business sender BIC in the Business Application Header (BAH).
To BIC (BAH)	This column shows the business receiver BIC in the BAH.
Counterparty Country	This column shows the country code for the counterparty.
Business Case ID	This column shows the business case ID of the cash transfer.
Clearing System Reference	This column shows the CLM booking reference for the cash transfer.
Debtor BIC	This column shows the debtor as specified in the underlying message or in the U2A liquidity transfer.
	Required format: 8 or 11 characters
Creditor BIC	This column shows the creditor as specified in the underlying message or in the U2A liquidity transfer.



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS			
	Required format: 8 or 11 characters		
UETR	This column shows the UETR for the cash transfer.		
Value Date	This column shows the value date of the cash transfer.		
Entry Timestamp	This column shows the entry timestamp of the cash transfer.		

Table 26 - Cash Transfers – List Screen – Results – List of Cash Transfers

Context Menu

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT			
	MENU		
Revoke	This context menu entry opens a confirmation pop-up displaying the selected payment orders.		
	By clicking on the 'Yes' button for the selected payment orders, tasks to initiate the revocation are created and sent to the task queue. The user returns to the 'Cash Transfers – List Screen'.		
	By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without revoking the payment order.		
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.		
	Revoking payment orders is only possible for payment orders with the status 'Warehoused', 'Earmarked' or 'Queued'.		
	This entry is only visible for:		
	I Operator		
	I CB		
	Required privilege: CLM_RevPaymentOrder		
	References for error messages: [> 545]		
	I E018		
	I E074		
	I U005		
	I U016		
	I U017		
	I U018		



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU			
	 I U039 I U040 I U041 I U044 I U109 		
Details	This context menu entry redirects the user to the <u>Cash</u> <u>Transfers – Details Screen</u> [> 109], displaying the details of the selected cash transfer. Required privilege: CLM_QueryCashTransDetails		
Agree	 This context menu entry opens a confirmation pop-up displaying the selected cash transfer orders. By clicking on the 'Yes' button for the selected cash transfer orders, tasks to initiate the delivery to settlement are created and sent to the task queue. The user returns to the 'Cash Transfers – List Screen'. By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without delivering the cash transfer orders to settlement. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'. This entry is only visible if the value date of the selected cash transfer orders is the current business day. It is only relevant for cash transfer orders which are earmarked due to the blocking of a party or an account. This entry is only visible for: Operator acting on behalf of the responsible CB 		
	I CB Required privilege: CLM_Ag/DisagCashTrans <u>References for error messages:</u> [▶ 545] I E018 I E074 I U039		



CASH TRANSFERS – LIST SCR	EEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT
	MENU
	I U040
	I U041
	I U044
	I U068
	I U069
	I U070
	I U071
	I U072
	I U109
Disagree	This context menu entry opens a confirmation pop-up displaying the selected cash transfer orders.
	By clicking on the 'Yes' button for the selected cash transfer orders, tasks to initiate the rejection revocation are created and sent to the task queue. {CR-143} The user returns to the 'Cash Transfers – List Screen'.
	By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without rejecting revoking the cash transfer orders. {CR-143}
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	This entry is only visible if the value date of the selected cash transfer orders is the current business day. It is only relevant for cash transfer orders which are earmarked due to the blocking of a party or an account.
	This entry is only visible for:
	I Operator acting on behalf of the responsible CB
	I CB
	Required privilege: CLM_Ag/DisagCashTrans
	References for error messages: [> 545]
	I E018
	I E074
	I U039



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT	
	MENU
	I U040
	I U041
	I U044
	I U068
	I U069
	I U071
	I U072
	I U109

Increase

displaying the selected payment orders. By clicking on the 'Yes' button for the selected payment orders, tasks to initiate the movement to the top of the queue

This context menu entry opens a confirmation pop-up

are created and sent to the task queue. If more than one payment order is increased via bulk action, the order of the increased items can differ from their original order. The user returns to the 'Cash Transfers – List Screen'.

By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without increasing the payment orders.

The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.

Increasing is only possible for payment orders with the status 'Queued' and not visible when the debtor and/or creditor of the selected payment order is blocked.

This entry is only visible for:

- I Operator
- I CB

Required privilege: CLM_ModifyPaymentOrder

References for error messages: [> 545]

- E018
- E074
- U001



CASH TRANSFERS – LIST SCR	EEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU
	 I U002 I U015 I U039 I U040 I U041 I U044
	I U109
Decrease	This context menu entry opens a confirmation pop-up displaying the selected payment orders. By clicking on the 'Yes' button for the selected payment orders, tasks to initiate the movement to the bottom of the queue are created and sent to the task queue. If more than one payment order is decreased via bulk action, the order of the decreased items can differ from their original order. The user returns to the 'Cash Transfers – List Screen'. By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen'. By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen'. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'. Decreasing is only possible for payment orders with the status 'Queued' and not visible when the debtor and/or creditor of the selected payment order is blocked.
	This entry is only visible for: I Operator I CB Required privilege: CLM_ModifyPaymentOrder References for error messages: [> 545] I E018 I E074 I U001 I U002



CASH TRANSFERS – LIST SCR	CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	 I U015 I U039 I U040 I U041 I U044 I U109 	
Modify Earliest Debit Timestamp	T U109 This context menu entry opens the <u>Cash Transfers - Modify</u> Earliest Debit Timestamp - Pop-up [► 112]. This entry is only available for payment orders with the status Warehoused' or 'Earmarked' including an earliest debit timestamp. This entry is only visible for: I Operator I CB Required privilege: CLM_ModifyPaymentOrder References for error messages: [► 545] I E018 I E074 I U001 I U002 I U005 I U007 I U008 I U009 I U010 I U020 I U039 I U040 I U041 I U044	



	MENU
Modify Latest Debit Timestamp	This context menu entry opens Cash Transfers – Modif
	This entry is only available for payment orders with the statu 'Warehoused', 'Earmarked' or 'Queued' including a latest deb timestamp.
	This entry is only visible for:
	I Operator
	I CB
	Required privilege: CLM_ModifyPaymentOrder
	References for error messages: [> 545]
	I E018
	I E074
	I U001
	I U002
	I U005
	I U011
	I U012
	I U014
	I U020
	I U039
	I U040
	I U041
	I U044
	I U109
Cash Account Reference Data of Credit Account	This context menu entry redirects the user to a <u>Cash Accou</u> <u>Reference Data – List Screen</u> [▶ 366] while transmitting the following value:
	Credit Account – Account BIC/Account Number
	This entry is only available if the credit account of the selected
	cash transfer is within the user's data scope.
	Required privilege: CLM_QueryLocPartyCashAccRefData



This context menu entry redirects the user to a <u>Cash Account</u> <u>Reference Data – List Screen</u> [> 366] while transmitting the following value:
I Debit Account – Account BIC/Account Number
This entry is only available if the debit account of the selected cash transfer is within the user's data scope.
Required privilege: CLM_QueryLocPartyCashAccRefData
This context menu entry opens the <u>Cash Transfers – Manual</u> <u>Reversal Booking T2S – Pop-up</u> [▶ 118] allowing the user to reverse one or more booking(s) manually.
This entry is only available for liquidity transfer orders to T2S with the status 'Settled' or 'Partially Settled' and for credit account types 'T2S DCA' or 'T2S CB account'.
This entry is only visible for:
I Operator
I CB (as TAH)
Required privilege: CLM_ManReversalBook
This context menu entry opens the <u>Cash Transfers – Manual</u> <u>Reversal Booking TIPS – Pop-up</u> [* 120] allowing the user to reverse one or more booking(s) manually.
This entry is only available for liquidity transfer orders to TIPS with the status 'Settled' or 'Partially Settled' and for credit account type 'TIPS Account' and 'TIPS AS Technical Account'.
This entry is only visible for:
I Operator
I CB (as TAH)
Required privilege: CLM_ManReversalBook
This context menu entry opens the <u>Cash Transfers – Manual</u> <u>Reversal Booking RTGS – Pop-up</u> [▶ 123] allowing the user to reverse one or more booking(s) manually.
This entry is only available for liquidity transfer orders to RTGS with the status 'Settled' or 'Partially Settled' and for



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEX MENU	
	credit account types 'RTGS DCA', 'RTGS CB account' and 'RTGS sub-account'.
	This entry is only visible for:
	I Operator
	I CB (as TAH)
	Required privilege: CLM_ManReversalBook
Simulate Positive Receipt T2S	This context menu entry is used for simulating positive receipt(s) (camt.025) in order to finalise open business cases.
	The entry is only available for liquidity transfers with status 'Settled' or 'Partially Settled' and for credit account types 'T2S DCA' and 'T2S CB Account'. When the function is used as bulk action, then all account types of the related cash transfers must be related to T2S.
	When the user clicks on this context menu entry, a confirmation pop-up opens, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, a related task is created and sent to the task queue. The user returns to the 'Cash Transfers – List Screen'.
	By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without creating any task.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	This entry is only visible for:
	I Operator
	I CB (as TAH)
	Required privilege: CLM_SimReceipt
	References for error messages: [> 545]
	I E018
	I E074
	I U039
	I U040



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	 I U041 I U044 I U091 I U093 I U109
Simulate Positive Receipt TIPS	This context menu entry is used for simulating positive receipt(s) (camt.025) in order to finalise open business cases. The entry is only available for liquidity transfers with status 'Settled' or 'Partially Settled' and for credit account types 'TIPS Account' or 'TIPS AS Technical Account'. When the function is used as bulk action, then all account types of the related cash transfers must be related to TIPS.
	When the user clicks on this context menu entry, a confirmation pop-up opens, asking the user if he wants to proceed. By clicking on the 'Yes' button, a related task is created and sent to the task queue. The user returns to the 'Cash Transfers – List Screen'.
	By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without creating any task. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section
	 'Digital Signature – NRO'. This entry is only visible for: Operator CB (as TAH) Required privilege: CLM_SimReceipt
	References for error messages: [▶ 545] I E018 I E074 I U039 I U040 I U041



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	I U044
	I U091
	I U093
	I U109



	EEN – RESULTS – LIST OF CASH TRANSFERS – CONTEX
Simulate Positive Receipt RTGS	This context menu entry is used for simulating positiv receipt(s) (camt.025) in order to finalise open business cases
	The entry is only available for liquidity transfers with statu 'Settled' or 'Partially Settled' and for credit account type 'RTGS DCA', 'RTGS Sub Account' or 'RTGS CB Account' When the function is used as bulk action, then all account types of the related cash transfers must be related to RTGS.
	When the user clicks on this context menu entry, confirmation pop-up opens, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, a related task is created an sent to the task queue. The user returns to the 'Cas Transfers – List Screen'.
	By clicking on the 'No' button, the user returns to the 'Cas Transfers – List Screen' without creating any task.
	The user will be asked to enter the PIN for digital signatur purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	This entry is only visible for:
	I Operator
	I CB (as TAH)
	Required privilege: CLM_SimReceipt
	References for error messages: [545]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U091
	I U093
	I U109
Display Business Case	This context menu entry redirects the user to a Business



CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU				
	<u>Cases – List Screen</u> [▶ 161] while transmitting the following value:			
	I Business Case ID			
	This entry is only visible for:			
	I Operator			
	I CB			
	Note: Visibility for 'CB' includes visibility for a Transit Account Holder (TAH).			
	Required privilege: CLM_QueryBC			
Display Message	This context menu entry redirects the user to a <u>Messages –</u> <u>List Screen</u> [• 141] while transmitting the following value: I Business Case ID			
	Required privilege: CLM_QueryMsg			

Table 27 - Cash Transfers – List Screen – Results – List of Cash Transfers – Context Menu

5.1.3 Cash Transfers – Details Screen

Context of Usage	This screen shows the details of a selected cash transfer.	
Screen Access	This screen is selectable in screens displaying entries related to cash transfers (e.g. messages, account postings) via context menu entry (e.g. 'Display Cash Transfer').	
	It can further be reached in the following way:	
	I Cash Transfers and Messages >> Cash Transfers – Query Screen >> [Submit] >> Cash Transfers – List Screen >> Context menu entry 'Details'	
Privileges	To use this screen the following privilege is needed:	
	I CLM_QueryCashTransDetails	
References	This screen is part of the following use case:	
	I <u>Display cash transfer (order)</u> [▶ 481]	



	Details of Cash Tran Duery Cash Transfers > List of	sfer Cash Transfers > List of Cash Tr												?	x (
- Corresponding Cash	Transfer														
Queue Position	Instruction ID	End to End ID	Message Ty	ge	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Debit	Timestamp	Settlement Timestamp	Entry Tim	stamp	
	8110910073541302	E110910373541302	Financial Ins	titution Credit Transfer (Pacs.009)	CBIOIPLC001X	PBASPLC001X	2.110.00 EUR	Settled				2022-11-09 10:38:16 CET	2022-11-0	10.38:16 CET	
General															
Queue Position				Amount			Value Date				Cash Transfer Stat	us			
				2.110.00 EUR			2022-11-09				Settled				
Cash Transfer Type				Cash Transfer Category			Message Type				Counterparty Cou	ntry			
Payment				OCBO Other CBOs			Financial Ins	titution Credit Transfer (Pacs.009	R)		PL.				
Account and Party Inform	nation														
Debit Account				Debit Account Type			Credit Account				Credit Account Ty	pe			
CBXXPLC001X				CLM C8 Account			PBASPLC001X MCA								
From BIC (BAH)				To BIC (BAH)											
CEXXPLDDOXX				TRISTXETTOUM											
Identifier															
instruction ID				End to End ID			Business Case	Business Case ID Cleaning System Reference			aference				
8110910373541302 2110910373541302			0945549	045568 000721											
UETR															
7edecba0-/Sid2-4ecb-b/S	5-310999764515														
Debtor BIC				Creditor BIC											
CRICKPLDDOOX				PBASPLDDXXX											
Timing															
Earliest Debit Timestamp				Latest Debit Timestamp			Settlement To	mestamp			Entry Timestamp				
			2022-11-09	10.58 16 CET			2022-11-09 10:3	D 18 CET							

Figure 86 - Cash Transfers – Details Screen

Field Descriptions

Note: For the description of the attributes and the available context menu entries in the 'Corresponding Cash Transfer' section see chapter <u>Cash Transfers – List Screen</u> [\triangleright 94].

CASH TRANSFERS – DETAILS SCREEN – GENERAL					
Queue Position	This field shows the position of the cash transfer order in the respective queue.				
Amount	This field shows the amount and currency of the cash transfer. In case of partial execution, the partially settled amount is shown.				
Value Date	This field shows the value date of the cash transfer.				
Cash Transfer Status	This field shows the status of the cash transfer.				
Cash Transfer Type	This field shows the type of the cash transfer.				
Cash Transfer Category	This field shows the category of the cash transfer.				
Message Type	This field shows the message type of the cash transfer.				
Counterparty Country	This field shows the country code for the counterparty.				

Table 28 - Cash Transfers – Details Screen – General

CASH TRANSFERS – DETAILS SCREEN – ACCOUNT AND PARTY INFORMATION					
Debit Account	This field shows the account BIC or the account number of the debit account, depending on the cash transfer type.				
	In case of a liquidity transfer, the account number is displayed. In case of a payment, the account BIC is displayed.				
Debit Account Type	This field shows the account type of the debit account.				



CASH TRANSFERS – DETAILS SCREEN – ACCOUNT AND PARTY INFORMATION

Credit Account	This field shows the account BIC or the account number of the credit account, depending on the cash transfer type. In case of a liquidity transfer, the account number is displayed. In case of a payment, the account BIC is displayed.
Credit Account Type	This field shows the account type of the credit account.
From BIC (BAH)	This field shows the sender BIC in the BAH.
To BIC (BAH)	This field shows the receiver BIC in the BAH.

Table 29 - Cash Transfers – Details Screen – Account and Party Information

CASH TRANSFERS – DETAILS SCREEN – IDENTIFIER					
Instruction ID	This field shows the instruction identification of the cash transfer which can be assigned by an instructing party. The instruction identification is a point to point 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 shows the end-to-end identification of a cash transfer which is assigned by the initiating party. This identification is passed on, unchanged, throughout the entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction.				
Business Case ID	This field shows the unique identifier of the business case.				
Clearing System Reference	This field shows the CLM booking reference of the cash transfer.				



CASH TRAN	CASH TRANSFERS – DETAILS SCREEN – IDENTIFIER				
Debtor BIC	This field shows the debtor as specified in the underlying message or in the U2A liquidity transfer. Required format: 8 or 11 characters				
Creditor BIC	This field shows the creditor as specified in the underlying message or in the U2A liquidity transfer. Required format: 8 or 11 characters				
UETR	This field shows the UETR of the cash transfer.				

Table 30 - Cash Transfers – Details Screen – Identifier

CASH TRANSFERS – DETAILS SCREEN – TIMING				
Earliest Debit Timestamp	This field shows the earliest debit timestamp of the payment order.			
Latest Debit Timestamp	This field shows the latest debit timestamp of the payment order.			
Settlement Timestamp	This field shows the settlement timestamp of the cash transfer. If the cash transfer order has not yet been settled, this attribute is empty.			
Entry Timestamp	This field shows the entry timestamp of the cash transfer.			

Table 31 - Cash Transfers – Details Screen – Timing

5.1.4 Cash Transfers - Modify Earliest Debit Timestamp - Pop-up

Context of Usage	This pop-up screen offers the possibility to modify the earliest debit timestamp of a selected payment order.		
Screen Access	 This pop-up screen can be reached in the following ways: I Cash Transfers – List Screen >> Context menu entry 'Modify Earliest Debit Timestamp' I Cash Transfers – Details Screen >> Context menu entry 'Modify Earliest Debit Timestamp' 		
Privileges	To use this screen the following privilege is needed: I CLM_ModifyPaymentOrder		
References	This screen is part of the following use case: I <u>Modify earliest debit timestamp</u> [▶ 483] 		



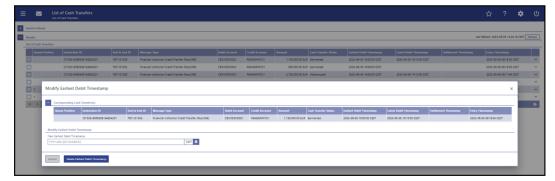


Figure 87 - Cash Transfers – Modify Earliest Debit Timestamp – Pop-up

FieldThe section 'Corresponding Cash Transfers' displays the payment orders listed on theDescriptionsprevious screen that will be affected by the modification. For the detailed field
descriptions of this table see chapter Cash Transfers – List Screen [▶ 94].



New Earliest Debit Timestamp	This field offers the possibility to enter a new earliest debit
	timestamp for the corresponding payment orders.
	The new earliest debit timestamp must be earlier than the latest debit timestamp and before the cut-off time. The new earliest debit timestamp must be later than the current system time.
	The user can enter a timestamp manually or specify it by clicking on the calendar button.
	Required format: YYYY-MM-DD HH:MM:SS
	Note: Setting a new earliest debit timestamp is only possible in case an earliest debit timestamp has been set in the original payment order. The new earliest debit timestamp must be
	within the relevant CLM settlement window related to the
	currency and the settlement date indicated in the originally
	sent payment order. The date element of the new earliest
	debit timestamp refers to a calendar day, which corresponds
	to the business day of the indicated settlement date of the
	original payment order. In CLM, these corresponding dates
	might not be equal due to the start of CLM RTS period on a
	preceding calendar day, e.g. for a calendar day Friday, the
	business day can be Monday if the earliest debit timestamp is
	at 19:15:00. It is not possible to change the originally
	instructed settlement date via this functionality. For this
	purpose, the payment order needs to be revoked and a new
	one needs to be sent with the new settlement date.

MODIFY EARLIEST DEBIT TIMESTAMP - POP-UP - MODIFY EARLIEST DEBIT TIMESTAMP

Table 32 - Modify Earliest Debit Timestamp – Pop-up – Modify Earliest Debit Timestamp

	RLIEST DEBIT TIMESTAMP – POP-UP – BUTTONS
Submit	 The user can click on this button to initiate a change of the earliest debit timestamp of the selected payment orders. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'. After clicking on this button, the notification area on the <u>Cash</u> <u>Transfers</u> - <u>List</u> <u>Screen</u> [▶ 94] shows whether the data submission and task creation was successful. In case of successful data submission, the notification area also shows a

Buttons



	ST DEBIT TIMESTAMP – POP-UP – BUTTONS
	task ID.
Delete Earliest Debit Timestamp	The user can click on this button to delete the earliest debit timestamp. A confirmation pop-up opens, asking the user if he wants to proceed. By clicking on the 'Yes' button for the selected cash transfer, tasks to initiate the deletion of the earliest debit timestamp are created and sent to the task queue. The user returns to the previous screen. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	By clicking on the 'No' button, the user returns to the 'Modify Earliest Debit Timestamp' pop-up without any action.

Table 33 - Modify Earliest Debit Timestamp – Pop-up – Buttons

5.1.5 Cash Transfers – Modify	Latest Debit Timestamp – Pop-up
-------------------------------	---------------------------------

Context of Usage	This pop-up screen offers the possibility to modify the latest debit timestamp of a selected payment order.
Screen Access	 This pop-up screen can be reached in the following ways: I Cash Transfers – List Screen >> Context menu entry 'Modify Latest Debit Timestamp'
	I Cash Transfers – Details Screen >> Context menu entry 'Modify Latest Debit Timestamp'
Privileges	To use this screen the following privilege is needed: I CLM_ModifyPaymentOrder
References	This screen is part of the following use case: I Modify latest debit timestamp [▶ 484]



												Last Refresh	N 2023-06-05 12:24.18	CEST
ist of Cash Transf	afers													
	ID 1085-8	60508154924201 TGT	(D1035 Finan	icial Institution Credit Transfer (Pacs.008)	CBIOISRC002X	PBABGRATXC1	1.150.000.00 EUF	Earmarked	2023-06-05 16:00:00 CEST	2023-06-05 16:10:00 CEST		201	23-06-05 08:18:05 CE5	
	ID 1003-8	60508154924201 TGT	(D1053 Finan	ncial Institution Credit Transfer (Pace.009)	CEXXGACOD2X	PEAAGRATHC1	950,000.00 EUF	Earnarked	2023-06-05 16:06:00 CEST			203	23-06-D5 CB 18:05 CES	T
	ID 1025-8	60508154924201 TGT	(D1025 Finan	icial Institution Credit Transfer (Pacs.009)	CBIOIGRC002X	PBABGRATHC1	2,750,500.00 EUF	Warehoused	2023-06-06 16:00:00 CEST	2023-06-06 16:10:00 CEST		200	23-06-05 08:17:46 CES	i i
	_	ebit Timestamp											x	
	- Corresponding (ash Transfer(s)												
	_	ash Transfer(s) Instruction ID	End to End ID		Debit Account			Cash Tearsfer Status	Earliest Debit Timestamp		Settlement Timestamp	Entry Timestan	-0	
	- Corresponding (ash Transfer(s)	End to End ID TGT-D1035	Message Type Financial Institution Credit Transfer (Facs.000)	Debil Account CEXXISC002X		Amount 1,150,000.00 EUR		Earliest Debit Tanestamp 2022-06-05 16:00:00 CEST	Latest Debit Timestamp 2022-06-05 16:10:00 CEST	Settlement Timestamp	Entry Timestan 2002-08-05 081	-0	
, t	- Corresponding (ash Transfer(s) Instruction ID IC1025-2000000154924201									Settlement Timestamp		-0	
, t « «	Corresponding 0 Queue Position	aub Transfer(s) Instruction ID D1035-E000000154824201 Insertamp									SetDenent Timestamp		-0	

Figure 88 - Cash Transfers – Modify Latest Debit Timestamp – Pop-up

FieldThe section 'Corresponding Cash Transfers' displays the payment orders listed on theDescriptionsprevious screen that will be affected by the modification. For the detailed field
descriptions of this table see chapter Cash Transfers – List Screen [▶ 94].



New Latest Debit Timestamp	This field offers the possibility to enter a new latest debit timestamp for the corresponding payment orders. The new latest debit timestamp must be later than the earliest debit timestamp and before the cut-off time. The new latest debit timestamp must be later than the current system time. The user can enter a timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS Note: Setting a new latest debit timestamp is only possible in case a latest debit timestamp has been set in the original payment order. The new latest debit timestamp must be within the relevant CLM settlement window related to the currency and the settlement date indicated in the originally sent payment order. The date element of the new latest debit timestamp refers to a calendar day, which corresponds to the business day of the indicated settlement date of the original payment order. In CLM, these corresponding dates might not be equal due to the start of CLM RTS period on a preceding calendar day, e.g. for a calendar day Friday, the business day can be Monday if the earliest debit timestamp is at 19:15:00. It is not possible to change the originally instructed settlement date via this functionality. For this purpose, the payment order needs to be revoked and a new one needs to be sent with the
	needs to be revoked and a new one needs to be sent with the new settlement date.

MODIFY LATEST DEBIT TIMESTAMP - POP-UP - MODIFY LATEST DEBIT TIMESTAMP

Table 34 - Modify Latest Debit Timestamp – Pop-up – Modify Latest Debit Timestamp

MODIFY LATEST DEBIT TIMESTAMP – POP-UP – BUTTONS

Submit	The user can click on this button to initiate a change of the
	latest debit timestamp of the selected payment orders.
	The user will be asked to enter the PIN for digital signature
	purposes (NRO). For details see chapter Validations, section
	'Digital Signature – NRO'.
	After clicking on this button, the notification area on the \underline{Cash}
	Transfers - List Screen [> 94] shows whether the data
	submission and task creation was successful. In case of
	successful data submission, the notification area also shows a
	task ID.

Buttons



MODIFY LATES	T DEBIT TIMESTAMP – POP-UP – BUTTONS
Delete Latest Debit Timestamp	The user can click on this button to delete the latest debit timestamp. A confirmation pop-up opens, asking the user if he wants to proceed.
	By clicking on the 'Yes' button for the selected cash transfer, tasks to initiate the deletion of the latest debit timestamp are created and sent to the task queue. The user returns to the previous screen.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	By clicking on the 'No' button, the user returns to the 'Modify Latest Debit Timestamp' pop-up without any action.

Table 35 - Modify Latest Debit Timestamp – Pop-up – Buttons

5.1.6 Cash Transfers – Manual Reversal Booking T2S – Pop-up

Context of	This pop-up screen offers the possibility to reverse one or more booking(s) manually.
Usage	This screen is only available for operators and the Transit Account Holder of the specific currency.
Screen Access	This screen can be reached in the following ways:
	I Cash Transfers – List Screen >> Context menu entry 'Reverse Booking T2S'
	I Cash Transfers – Details Screen >> Context menu entry 'Reverse Booking T2S'
Privileges	To use this screen the following privilege is needed:
	I CLM_ManReversalBook
References	This screen is part of the following use case:
	I <u>Manual reverse booking</u> [▶ 486]
Screenshot	Reverse Booting T25 ×
	Contrastenting Cash Transfer() Queue Parties Earlies Cash Earli
	Moreal feering from the leg 175. Terest Being Webs_171 Ser-Cales Webs_171 Ser-Cales ✓
	Figure 89 - Cash Transfers – Manual Reversal Booking T2S – Pop-up
Field	The section 'Corresponding Cash Transfer(s)' displays the cash transfer orders listed on
Descriptions	the previous screen that will be affected by the modification. For the detailed field
	descriptions of this table see Cash Transfers – List Screen [▶ 94].



CASH TRANSFERS – MANUAL	REVERSAL BOOKING T2S – POP-UP – MANUAL REVERSAL BOOKING T2S
Reversal Booking	 This field offers the possibility to select between manual reversal booking with or without entering a T2S error code. Possible values: Without T2S Error Code With T2S Error Code With T2S Error Code When selecting 'Without T2S Error Code', the business case will be closed automatically in CLM and a negative receipt via camt.025 with a general error code will be sent out.
	When selecting 'With T2S Error Code', it is mandatory to enter an error code in the field 'T2S Error Code'. The sending of a camt.025 applies only, when the underlying camt.050 was sent in A2A but not when it was triggered via GUI function. Default value: 'Without T2S Error Code'
T2S Error Code	This field offers the possibility to enter a T2S error code. This field is only active when the field 'Reversal Booking' is filled with the value 'With T2S Error Code'. Required format: up to 4 characters

Table 36 - Cash Transfers – Manual Reversal Booking T2S – Pop-up – Manual Reversal Booking T2S

CASH TRANSFERS – MANUAL REVERSAL BOOKING T2S – POP-UP – BUTTONS

Buttons

Submit	The user can click on this button to initiate the reversal of the
	booking(s). A confirmation pop-up opens, asking the user if he
	wants to proceed.
	By clicking on the 'Yes' button for the selected liquidity
	transfer(s), either task(s) to initiate the reversal of the
	booking(s) are created and processed (2-eyes mode) or
	task(s) to be confirmed by another user in the task queue are
	created (4-eyes mode). The user returns to the Cash
	<u>Transfers – List Screen</u> [▶ 94].
	The notification area shows whether the data submission and
	task creation were successful. In case of successful data
	submission, the notification area also shows a task ID.



CASH TRANSFERS – MAN	UAL REVERSAL BOOKING T2S – POP-UP – BUTTONS
	By clicking on the 'No' button, the user returns to the 'Manual Reversal Booking T2S – Pop-up' without any action.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	References for error messages: [> 560]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U091
	I U093
	I U109

Table 37 - Cash Transfers – Manual Reversal Booking T2S – Pop-up – Buttons

5.1.7 Cash Transfers – Manual Reversal Booking TIPS – Pop-up

Context of This pop-up screen offers the possibility to reverse one or more booking(s) manually.

Usage This screen is only available for operators and the Transit Account Holder of the specific currency.

Screen Access This screen can be reached in the following ways:

- I Cash Transfers List Screen >> Context menu entry 'Reverse Booking TIPS'
- I Cash Transfers Details Screen >> Context menu entry 'Reverse Booking TIPS'
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_ManReversalBook

References This screen is part of the following use case:

I <u>Manual reverse booking</u> [▶ 486]



Г

Screenshot

	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 Timestam
		Urgent		TGT-ID9013-8062712330156301	Liquidity Transfer (camt.050)	FGREURCBXXGRD0XXX01	IGREURPBAAGRATXXX01	2,250,000.00 EUR	Settled			2023-06-27 12:37:34 0
Man	ual Reversal Boo	king TIPS										
	ual Reversal Booking	king TIPS					TIPS Error Code					

Figure 90 - Cash Transfers – Manual Reversal Booking TIPS – Pop-up

Field Descriptions

The section 'Corresponding Cash Transfer(s)' displays the cash transfer orders listed on
 the previous screen that will be affected by the modification. For the detailed field descriptions of this table see <u>Cash Transfers – List Screen</u> [▶ 94].



CASH TRANSFERS – MANUAL REVERSAL BOOKING TIPS – POP-UP – MANUAL REVER- SAL BOOKING TIPS		
Reversal Booking	 This field offers the possibility to select between manual reversal booking with or without entering a TIPS error code. Possible values: Without TIPS Error Code With TIPS Error Code With TIPS Error Code 	
	via camt.025 with a general error code will be sent out to the customer by CLM and the business case will be closed automatically in CLM.	
	When selecting 'With TIPS Error Code', it is mandatory to enter an error code in the field 'TIPS Error Code'.	
	The sending of a camt.025 applies only, when the underlying camt.050 was sent in A2A but not when it was triggered via GUI function.	
	Default value: 'Without TIPS Error Code'	
TIPS Error Code	This field offers the possibility to enter a TIPS error code. This field is only active when the field 'Reversal Booking' is filled with the value 'With TIPS Error Code'.	
	Required format: up to 4 characters	

Table 38 - Cash Transfers – Manual Reversal Booking TIPS – Pop-up – Manual Reversal Booking TIPS

Buttons

CASH TRANSFERS – MANUAL REVERSAL BOOKING TIPS – POP-UP – BUTTONS

SubmitThe user can click on this button to initiate the reversal of the
booking(s). A confirmation pop-up opens, asking the user if he
wants to proceed.By clicking on the 'Yes' button for the selected liquidity
transfer(s), either task(s) to initiate the reversal of the
booking(s) are created and processed (2-eyes mode) or
task(s) to be confirmed by another user in the task queue are
created (4-eyes mode). The user returns to the Cash
Transfers – List Screen [▷ 94].The notification area shows whether the data submission and

The notification area shows whether the data submission and task creation were successful. In case of successful data



CASH TRANSFERS – MANUAL REVERSAL BOOKING TIPS – POP-UP – BUTTONS
submission, the notification area also shows a task ID.
By clicking on the 'No' button, the user returns to the 'Manual Reversal Booking TIPS – Pop-up' without any action.
The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
References for error messages [▶ 561]:
I E018
I E074
I U039
I U040
I U041
I U044
I U091
I U093
I U109

Table 39 - Cash Transfers – Manual Reversal Booking TIPS – Pop-up – Buttons

5.1.8 Cash Transfers – Manual Reversal Booking RTGS – Pop-up

Context ofThis pop-up screen offers the possibility to reverse one or more booking(s) manually.UsageThis screen is only available for operators and the Transit Account Holder of the specific currency.

Screen Access This screen can be reached in the following ways:

- I Cash Transfers List Screen >> Context menu entry 'Reverse Booking RTGS'
- I Cash Transfers Details Screen >> Context menu entry 'Reverse Booking RTGS'
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_ManReversalBook
- **References** This screen is part of the following use case:
 - I Manual reverse booking [▶ 486]





Figure 91 - Cash Transfers – Manual Reversal Booking RTGS – Pop-up

Field Descriptions The section 'Corresponding Cash Transfer(s)' displays the cash transfer orders listed on the previous screen that will be affected by the modification. For the detailed field descriptions of this table see <u>Cash Transfers – List Screen</u> [▶ 94].



CASH TRANSFERS – MANUAL REVERSAL BOOKING RTGS – POP-UP – MANUAL REVER- SAL BOOKING RTGS		
Reversal Booking	 This field offers the possibility to select between manual reversal booking with or without entering an RTGS error code. Possible values: Without RTGS Error Code With RTGS Error Code 	
	When selecting 'Without RTGS Error Code', a negative receipt via camt.025 with a general error code will be sent out to the customer by CLM and the business case will be closed automatically in CLM.	
	When selecting 'With RTGS Error Code', it is mandatory to select an error code in the field 'RTGS Error Code'.	
	The sending of a camt.025 applies only, when the underlying camt.050 was sent in A2A but not when it was triggered via GUI function.	
	Default value: 'Without RTGS Error Code'	
RTGS Error Code	This field offers the possibility to select an RTGS error code. This field is only active when the field 'Reversal Booking' is filled with the value 'With RTGS Error Code'.	
	Default value: empty	

Table 40 - Cash Transfers – Manual Reversal Booking RTGS – Pop-up – Manual Rev. Booking RTGS

Buttons

CASH TRANSFERS – MANU	JAL REVERSAL BOOKING RTGS – POP-UP – BUTTONS
Submit	The user can click on this button to initiate the reversal of the
	booking(s). A confirmation pop-up opens, asking the user if he
	wants to proceed.
	By clicking on the 'Yes' button for the selected liquidity
	transfer(s), either task(s) to initiate the reversal of the
	booking(s) are created and processed (2-eyes mode) or
	task(s) to be confirmed by another user in the task queue are
	created (4-eyes mode). The user returns to the Cash
	<u>Transfers – List Screen</u> [▶ 94].

The notification area shows whether the data submission and task creation were successful. In case of successful data



CASH TRANSFERS - MANL	JAL REVERSAL BOOKING RTGS – POP-UP – BUTTONS
	submission, the notification area also shows a task ID.
	By clicking on the 'No' button, the user returns to the 'Manual Reversal Booking RTGS – Pop-up' without any action.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	References for error messages: [> 559]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U091
	I U092
	I U093
	I U109

Table 41 - Cash Transfers – Manual Reversal Booking RTGS – Pop-up – Buttons

5.1.9 Files – Query Screen

Context of	This screen offers the possibility to query inbound files in CLM.		
Usage	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'File ID' in ascending order.		
	The files matching the data of the search fields are shown in the <u>Files – List Screen</u> [▶ 128].		
Screen Access	This screen can be reached in the following way:		
	I Cash Transfers and Messages >> Files – Query Screen		
Privileges	To use this screen the following privilege is needed: I CLM_QueryFile		
References	This screen is part of the following use case:		
	I <u>Query files</u> [▶ 488]		



						?	
narch Gritoria							
General							
Re D		Fie Status					
+		1 Item selected	A.				
Entry Twesterop from		Entry Timestamp To					
YYYY-MM-00 HH-MM855	CEST 8	< YYYY-MM-DD H-RMMSS	CEST #				
Output Parameters							
Output Parameters		Sent Order					
Son By Re 10	×	Assecting	×				
Help.	×	Action	×				

Figure 92 - Files – Query Screen

Field Descriptions

FILES – QUERY SCREEN – SEARCH CRITERIA		
File ID	This field offers the possibility to restrict the result list to files with a specific and unique file ID. Required format: up to 35 characters	
File Status	This field offers the possibility to restrict the result list to files with a specific status. Possible values: I Accepted I Rejected Default value: 'Accepted'	
Entry Timestamp From	This field offers the possibility to restrict the result list to files with a timestamp equal to or later than the date and time entered in this field. The default value related to the date is set to the current calendar day in CLM. The value in this field must be earlier than the value in the field 'Entry Timestamp To'. Required format: YYYY-MM-DD HH:MM:SS	
Entry Timestamp To	This field offers the possibility to restrict the result list to files with a timestamp earlier than the date and time entered in this field. The default value related to the date is set to the current calendar day in CLM. The value in this field must be later than the value in the field	



FILES – QUERY SCREEN – SEARCH CRITERIA		
	'Entry Timestamp From'.	
	Required format: YYYY-MM-DD HH:MM:SS	

Table 42 - Files – Query Screen – Search Criteria

FILES – QU	ERY SCREEN – OUTPUT PARAMETERS
Sort by	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible value:
	I Business Case ID
	I Entry Timestamp
	I File ID
	I File Status
	Default value: 'File ID'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values:
	I Descending
	Default value: 'Ascending'

Table 43 - Files – Query Screen – Output Parameters

	FILES – QUERY SCREEN – BUTTONS
Submit	The user can click on this button to query all files matching the entered criteria. The result list will be displayed in the <u>Files – List Screen</u>
Reset	[▶ 128]. The user can click on this button to reset all fields to their
	default values.

Table 44 - Files – Query Screen – Buttons

5.1.10 Files - List Screen

Context of This screen lists all inbound files meeting a defined set of criteria. Usage

Buttons



	These criteria were defined on the Files – Query Screen [▶ 126].					
Screen Access	This screen can be reached in the following way:					
	I Cash	Transfers and Messages	>> Files – Query So	creen >> [Subm	it]	
Privileges	To use this screen the following privilege is needed:					
	I CLM	_QueryFile				
References	This scree	n is part of the following u	se case:			
	I <u>Quer</u>	<mark>y files</mark> [▶ 488]				
Screenshot	😑 对 List o				ት ? 💠 ሀ	
	+ Search Criteria - Results				Last Refresh: 2023-06-12 13:22:48 CEST Refresh	
	File List					-
	File ID 8061208131534069	Entry Timestamp 2023-06-12 08:13:51 CEST	Business Case ID 12379531	Sender PBADGRATXXX	File Status Accepted	
	8061208132069906	2023-06-12 08:14:08 CEST	12379537	CEXXIGRD0X00X	Accepted	
	« < 1 > »	Results 1 to 2 of 2			E.	
	Figure 93 -	Files – List Screen				
Field	Note: For	the description of the a	ttributes and their	respective valu	es in the 'Searcl	h
Descriptions	Criteria' se	ection see chapter Files –	Query Screen [> 120	6].		
-		· · · · · · · · · · · · · · · · · · ·	b	-		

FILES – LIST SCREEN – RESULTS – FILE LIST					
File ID	This column shows the unique file identification of the file.				
Entry Timestamp	This column shows the date and time at which the file was				
	received.				



Cash Transfers and Messages

FILES – LIST SCREEN – RESULTS – FILE LIST					
Business Case ID	This column shows the business case ID of the file.				
Sender	This column shows the sender (party BIC related to the PTA of the sender) who submitted the file.				
File Status	This column shows the status of the file.				

Table 45 - Files – List Screen – Results – File List

Context Menu

FILES – LIST SCR	FILES – LIST SCREEN – RESULTS – FILE LIST – CONTEXT MENU			
Display Messages	This context menu entry redirects the user to the <u>Messages –</u> List Screen [> 141] while transmitting the following value: I File ID Required privilege: CLM_QueryMsg			
Display Business Case	This context menu entry redirects the user to the Business Cases – List Screen [> 161] while transmitting the following value: I Business Case ID This entry is only visible for: I Operator I CB Required privilege: CLM_QueryBC			
Details	This context menu redirects the user to the <u>Files – Details</u> <u>Screen</u> [▶ 130].			

Table 46 - Files – List Screen – Results – File List – Context Menu

5.1.11 Files – Details Screen

Context ofThis screen shows the details of a specific inbound file in the original Extensible MarkupUsageLanguage (XML) format. This allows the user to inspect the file fields in the original
format, unaltered by any system.

Screen Access This screen can be reached in the following way:

I Cash Transfers and Messages >> Files – Query Screen >> [Submit] >> Files – List Screen >> Context menu entry 'Details'

Privileges To use this screen the following privilege is needed:

I CLM_QueryFile



References

This screen is part of the following use case:

I <u>Query files</u> [▶ 488]

Screenshot

	Entry Timestamp	Business Case ID	Sender	File Status
8070411310491206	2023-07-04 11:31:48 CEST		CBXXGRD0XXX	Accepted
« < 1 > » Results	Ito 1 of 1			
- General				
File ID 8070411310491205	File Status	Entry Timestamp		
	Accepted	2023-07-04 11:31:48 CEST		
File Header				
«NS1:PyidDesc xmlns:NS1="urn.isc:stdi	a:20022ftechosd:DRAFT3head.002/			
ESMIG Communication ESMIG Communication ID	ESMIG Entry Timestamp			
29638960	2023-07-04 11:31:48 CEST			
ESMIG Party Technical Address				
	(o=swift			
ESMIG Party Technical Address ou=cbxxgrd0xxxou=tssptest,o=markde ESMIG Technical Service ID	Lo=swift			
ESMIG Party Technical Address ou=cbxxgrd0xxx,ou=tssptest,o=markde	(a-swift			
ESMIG Party Technical Address our-obxigrid000cour-Espherat,or=markde ESMIG Technical Service ID FTR-MSGSNF ESMIG Business Signature - Distinguished	Name			
ESMIG Party Technical Address our-obxigrid000cour-Espherat,or=markde ESMIG Technical Service ID FTR-MSGSNF ESMIG Business Signature - Distinguished				
ESMIG Party Technical Address conschoografixxx, constraints (commande ESMIG Technical Service ID FRAMGSINF ESMIG Business Signature - Distinguisher Cont, LeRoma, Collance d'Italia,00095050	Name			
ESMIG Party Technical Address our-obxigrid000cour-Espherat,or=markde ESMIG Technical Service ID FTR-MSGSNF ESMIG Business Signature - Distinguished	Name			

Figure 94 - Files – Details Screen

FieldNote: For the description of the attributes and their respective values in theDescriptions'Corresponding File' section see chapter Files – List Screen [▶ 128].



FILES – DETAILS SCREEN – GENERAL					
File ID	This field shows the unique file identifier of the file.				
File Status	This field shows the status of the file.				
Entry Timestamp	This field shows the date and time at which the file was received.				
File Header	This field shows the business file header.				

Table 47 - Files – Details Screen – General

FILES – DETAILS SCREEN – VALIDATION ERRORS				
Error Code	This column shows the applicable error code.			
Technical Message ID	This column shows the message identification in case the error was message related. This column is empty, if the error was file related.			
Error Description	This column shows the related error description.			

Table 48 - Files – Details Screen – Validation Errors

FILES – DETAILS SCREEN – ESMIG COMMUNICATION						
ESMIG Communication ID	This field shows the internal identifier of the ESMIG communication.					
ESMIG Entry Timestamp	This field shows the entry timestamp of the ESMIG communication.					
ESMIG Party Technical Address	This field shows the party technical address belonging to the sender of the file.					
ESMIG Technical Service ID	The field shows the technical identification of the service contained in the ESMIG communication.					
ESMIG Business Signature – Distinguished Name	The field shows the business signature related to the business sending user of the file.					

Table 49 - Files – Details Screen – ESMIG Communication

FILES – DETAILS SCREEN – XML FILE				
XML File	This field shows the message in the original XML format in			
	which it was received.			



	FILES – DETAILS SCREEN – XML FILE			
	This field is only filled for files with validation errors.			
	Table 50 - Files – Details Screen – XML File			
	5.1.12 Messages – Query Screen			
Context of Usage	This screen offers the possibility to query messages which are sent to or from CLM. The set of messages that can be queried is restricted to the data scope of the user.			
	Messages sent by one T2 component and received by another T2 component (e.g. camt.050 messages sent from RTGS to CLM) are not shown as neither the 'From BIC' nor the 'To BIC' is included in the data scope of the user.			
	This screen queries all messages irrespective of whether they were transferred via file or as a single message.			
	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Business Case ID' in ascending order. The columns of the result list can be defined on this screen.			
	The messages matching the data of the search fields are shown in the ' <u>Messages – List</u> <u>Screen</u> [▶ 141]'.			
Screen Access	This screen can be reached in the following way:			
	I Cash Transfers and Messages >> Messages – Query Screen			
Privileges	To use this screen the following privilege is needed:			
	I CLM_QueryMsg			
References	This screen is part of the following use cases:			
	I <u>Query messages</u> [▶ 489]			
	I <u>Display message</u> [▶ 490]			



General								
Message ID		Clearing System Reference	1	Business Case ID		s Case Status o filter selected		
UETR		Original UETR		File ID				
Timestamp From		Timestamp To						
≥ WYY-MM-DD HHMM/SS	CET 🛍	< VYYY-MM-DD HHMM/SS	CET 🛍					
Message Direction		Message Origin/Destination						
No filter selected	AI	No filter selected	Až					
Message Type		Message Status						
No filter selected	AI	No filter selected	AI					
Sender and Receiver Information (BAH)								
Sending Country		Receiving Country						
No filter selected	Až	No filter selected	Až					
From BIC		To BIC						
2		-						
Output Parameters								
Sort By		Sort Order		Selection				
Business Case ID	~	Ascending	~	All 16 items selected	AI			

Figure 95 - Messages - Query Screen

Field Descriptions

MESSAGES – QUERY SCREEN – GENERAL					
Message ID	This field offers the possibility to restrict the result list to messages with a specific message identifier contained in the BAH of the message. Required format: up to 35 characters				
Clearing System Reference	This field offers the possibility to restrict the result list to messages with a specific clearing system reference. In an outbound message this is always the booking reference added by CLM in the outbound message. Required format: up to 16 characters				
Business Case ID	This field offers the possibility to restrict the result list to messages with a specific unique identifier of the business transaction. Required format: up to 16 numerical characters				
Business Case Status	 This field offers the possibility to restrict the result list to messages related to a specific business transaction status. Select one or more of the following values: Closed Processed Processing Started Validation Completed Warehoused 				



MESSAGES – QUERY SCREEN – GENERAL		
	 This entry is only visible for: I Operator I CB (as TAH) Default value: 'No filter selected' 	
UETR	 This field offers the possibility to restrict the result list to messages with a specific UETR. Required format: 36 characters – up to 32 hexadecimal characters separated by hyphens as follows: xxxxxxx-xxxx-4xxx-yxxx-xxxxxxx Character formats: x - any lowercase hexadecimal character 4 - fixed value y - either: 8, 9, a, b 	
Original UETR	 This field offers the possibility to restrict the result list to messages with a specific original UETR. Required format: 36 characters – up to 32 hexadecimal characters separated by hyphens as follows: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxx Character formats: x - any lowercase hexadecimal character 4 - fixed value y - either: 8, 9, a, b 	
File ID	This field offers the possibility to restrict the result list to inbound messages with a specific file ID. Required format: up to 35 characters	
Timestamp From	This field offers the possibility to restrict the result list to messages with a timestamp equal to or later than the date and time entered in this field. The timestamp refers for incoming messages to the business day on which the message was received by ESMIG and for outgoing messages to the business day on which the message was created by CLM.	



MESSAGES – QUERY SCREEN – GENERAL	
	The value in this field must be earlier than the value in the field 'Timestamp To'.
	The user can enter the timestamp manually or specify it by clicking on the calendar button.
	The fields 'Timestamp From' and 'Timestamp To' can be used independently or in combination.
	Required format: YYYY-MM-DD HH:MM:SS
Timestamp To	This field offers the possibility to restrict the result list to messages with a timestamp earlier than the date and time entered in this field.
	The timestamp refers for incoming messages to the business day on which the message was received by ESMIG and for outgoing messages to the business day on which the message was created by CLM.
	The value in this field must be later than the value in the field 'Timestamp From'.
	The user can enter the timestamp manually or specify it by clicking on the calendar button.
	The fields 'Timestamp To' and 'Timestamp From' can be used independently or in combination.
	Required format: YYYY-MM-DD HH:MM:SS
Message Direction	This field offers the possibility to restrict the result list to messages with a specific direction.
	Select one or more of the following values:
	I Inbound
	I Outbound
	Default value: 'No filter selected'



MESS	AGES – QUERY SCREEN – GENERAL
Message Origin/Destination	This field offers the possibility to restrict the result list to messages with one or more values for the message origin or message destination.
	It specifies for incoming messages the message origin and for outgoing messages the message destination.
	Select one or more of the following values:
	I BILL
	I ECMS
	I ECONS II
	I ESMIG
	I RTGS
	I T2S
	I TIPS
	I U2A
	Default value: 'No filter selected'
Message Type	This field offers the possibility to restrict the result list to messages with one or more values for the message type.
	Select one or more of the following values:
	I System Event Notification (admi.004)
	I Receipt Acknowledgement (admi.007)
	I Return Account (camt.004)
	I Return Transaction (camt.006)
	I Return Business Day Information (camt.019)
	I Receipt (camt.025)
	Resolution Of Investigation (camt.029)
	I Return Reservation (camt.047)
	I Modify Reservation (camt.048)
	Delete Reservation (camt.049)
	Liquidity Transfer (camt.050)
	Bank To Customer Statement (camt.053)
	I General Ledger (camt.053)
	I Balance Snapshot (camt.053)

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MESSA	GES – QUERY SCREEN – GENERAL
	I Bank To Customer Debit/Credit Notification (camt.054)
	I FI to FI Payment Cancellation Request (camt.056)
	I Modify credit line (camt.998)
	I Authorize Penalty Minimum Reserve (camt.998)
	I Insert Value Of Minimum Reserve (camt.998)
	I Insert Balance Minimum Reserve (camt.998)
	I Return Periodic Information Minimum Reserve (camt.998)
	I Payment Status Report (pacs.002)
	I Financial Institution Credit Transfer (pacs.009)
	I Financial Institution Direct Debit (pacs.010)
	Note: U2A Liquidity Transfers will only be available as U2A inbound messages and will not be transferred into a camt.050.
	Query messages and their responses are not shown in the GUI as these messages are not stored in the database.
	I Messages with origin/destination 'ECONS II' cannot be selected by message type 'General Ledger File (camt.053)' or 'Bank To Customer Statement (camt.053)', but can be selected by filtering for 'ECONS II' in the field 'Message Origin/Destination'.
	For details on the message types see CLM UDFS, chapters 'List of Messages' and 'List of messages specific for CBs'.
	Default value: 'No filter selected'
Message Status	This field offers the possibility to restrict the result list to messages with one or more of the following values for the message status:
	I Accepted
	I Provided
	I Rejected
	For details on the message status see CLM UDFS, chapter 'CLM message status'.
	Default value: 'No filter selected'

Table 51 - Messages – Query Screen – General

MESSAGES – QUERY SCREEN – SENDER AND RECEIVER INFORMATION (BAH)



Sending Country	This field offers the possibility to restrict the result list to messages of one or more selected country codes of the responsible CB of the business sender of the message. Default value: 'No filter selected'
Receiving Country	This field offers the possibility to restrict the result list to messages of one or more selected country codes of the responsible CB of the business receiver of the message. Default value: 'No filter selected'
From BIC	This field offers the possibility to restrict the result list to messages with a specific BIC of the sender of the message. Required format: 8 or 11 characters
To BIC	This field offers the possibility to restrict the result list to messages with a specific BIC of the receiver of the message. Required format: 8 or 11 characters

MESSAGES – QUERY SCREEN – SENDER AND RECEIVER INFORMATION (BAH)

Table 52 - Messages – Query Screen – Sender and Receiver Information (BAH)

MESSAGES –	QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible values:
	I Business Case ID
	I Business Case Status
	I Clearing System Reference
	I File ID
	I From BIC (BAH)
	I Message Direction
	I Message ID
	I Message Origin/Destination
	I Message Status
	I Message Type
	I Original UETR
	I Receiving Country



MESSAGES – QUERY SCREEN – OUTPUT PARAMETERS	
	 I Sending Country I Timestamp I To BIC (BAH) I UETR Default value: 'Business Case ID'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: Ascending Descending Default value: 'Ascending'
Selection	 This field offers the possibility to select the columns that will be shown in the result list on the following 'Messages – List Screen'. By default, the following values are selected: Business Case ID Business Case Status Clearing System Reference File ID From BIC (BAH) Message Direction Message ID Message ID Message Status Message Status Original UETR Sending Country Timestamp To BIC (BAH) UETR



Buttons	MESSA	GES – QUERY SCREEN – BUTTONS
	Submit	The user can click on this button to query all messages matching the entered criteria. The result list will be displayed in the <u>Messages – List Screen</u> [▶ 141].
	Reset	The user can click on this button to reset all fields to their default values.
	Table 54 - Messages – Query Sc	reen – Buttons
	5.1.13 Messages – List S	creen
Context of	This screen lists all messages	meeting a defined set of criteria.
Usage	These criteria were either defi	ned on the <u>Messages – Query Screen</u> [▶ 133] or implicitly
	defined when opening this screen via a context menu.	
Screen Access	This screen can be reached in the following ways:	
	I Cash Transfers and Mess	ages >> Messages – Query Screen >> [Submit]
		sages >> Cash Transfers – Query Screen >> [Submit] >> een >> Context menu entry 'Display Message'
		sages >> Cash Transfers – Query Screen >> [Submit] >> een >> Cash Transfers – Details Screen >> Context menu
Privileges	To use this screen the following	g privilege is needed:
	I CLM_QueryMsg	
References	This screen is part of the follow	ing use cases:
	I <u>Query messages</u> [▶ 489]	
	I <u>Display message</u> [▶ 490]	
Screenshot	E Cit of Mesages Day Manya Start Childre Total Start Childre Control Start Childre Control Start Childre Start Childre	Carl Device 2000-100 Testing Control to 2000 Control Testing C

Table 53 - Messages – Query Screen – Output Parameters

Figure 96 - Messages – List Screen

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Messages – Query Screen</u> [▶ 133]. The columns displayed in



Field Descriptions the result list depend on the values selected in the field 'Selection' on the 'Messages – Query Screen'.

MESSAGES – LIST SCREEN – LIST OF MESSAGES		
Message ID	This column shows the message identification contained in the BAH.	
File ID	This column shows the file ID of the file containing the inbound message. For outbound messages this column is empty.	
Clearing System Reference	This column shows the clearing system reference. In outgoing messages, CLM provides a booking reference in this column whenever it is available.	
Business Case ID	This column shows the unique identifier of the business case.	
Business Case Status	 This field shows the status of the business transaction. This entry is only visible for: Operator CB (as TAH) 	
UETR	This column shows the UETR of the message.	
Original UETR	This column shows the original UETR of the message.	
Message Status	This column shows the status of the message.	
From BIC (BAH)	This column shows the business sender BIC in the BAH.	
To BIC (BAH)	This column shows the business receiver BIC in the BAH.	
Timestamp	This column shows the entry timestamp of the message.	
Message Direction	This column shows if the message is an incoming or an outgoing message.	
Message Origin/Destination	This column shows the origin of an incoming message or the destination of an outgoing message respectively.	



Screen Reference Guide – Description of Screens

Cash Transfers and Messages

MESSAGES – LIST SCREEN – LIST OF MESSAGES	
Message Type	This column shows the message type of the message.
Sending Country	This column shows the country code of the sending CB.
Receiving Country	This column shows the country code of the receiving CB.

Table 55 - Messages – List Screen – List of Messages

Context Menu

MESSAGES – LIST SCREEN – LIST OF MESSAGES – CONTEXT MENU	
Details	This context menu entry opens the <u>Messages – Details</u> <u>Screen</u> [▶ 146] for the selected message. Required privilege: CLM_QueryMsgDetail
Display Business Case	This context menu entry opens the <u>Business Cases – List</u> <u>Screen</u> [* 161]. This entry is only visible for: I Operator I CB Note: Visibility for 'CB' includes visibility for a Transit Account Holder (TAH). Required privilege: CLM_QueryBC
Display Cash Transfer	This context menu entry opens the <u>Cash Transfers – List</u> Screen [▶ 94]. This context menu entry is only available if the message refers to one or more cash transfers. This context menu entry is not available for messages with the status 'Created'. Required privileges: I CLM_QueryCashTrans I CLM_QueryCashTransDetails
Simulate Receipt T2S	This context menu entry redirects the user to the <u>Messages –</u> <u>Simulate Receipt T2S – Pop-up</u> [* 149] allowing the user to simulate a receipt. This entry is only available for outbound Liquidity Transfers from CLM to T2S and in case the related Business Case is still open (status unequal to "Closed" or "Processed").



MESSAGES – LIST SCREEN – LIST OF MESSAGES – CONTEXT MENU		
	This entry is only visible for:	
	I Operator	
	I CB (as TAH)	
	Required privilege:	
	CLM_SimReceipt	



MESSAGES – LI	ST SCREEN – LIST OF MESSAGES – CONTEXT MENU
Simulate Receipt TIPS	This context menu entry redirects the user to the <u>Messages</u> – <u>Simulate Receipt TIPS</u> – <u>Pop-up</u> [▶ 152] allowing the user to simulate a receipt.
	This entry is only available for outbound Liquidity Transfers from CLM to TIPS and in case the related Business Case is still open (status unequal to "Closed" or "Processed").
	This entry is only visible for:
	I Operator
	I CB (as TAH)
	Required privilege:
	CLM_SimReceipt
Simulate Receipt RTGS	This context menu entry redirects the user to the <u>Messages –</u> <u>Simulate Receipt RTGS – Pop-up</u> [> 155] allowing the user to simulate a receipt.
	This entry is only available for outbound Liquidity Transfers from CLM to RTGS and in case the related Business Case is still open (status unequal to "Closed" or "Processed").
	This entry is only visible for:
	I Operator
	I CB (as TAH)
	Required privilege:
	CLM_SimReceipt
Repeat Sending	This context menu entry is used for the resending of internal messages.
	This entry is only available for messages with 'Message Direction' 'Outbound',
	and with 'Message Type' camt.050 and camt.025.
	When the user clicks on this button, a confirmation pop-up opens, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, the related message is sent again (2-eyes mode) or a task for confirmation is sent to the task queue (4-eyes mode). The user returns to the 'Messages – List Screen'.
	By clicking on the 'No' button, the user returns to the

By clicking on the 'No' button, the user returns to the



MESSAGES – LIST SCREEN – LIST OF MESSAGES – CONTEXT MENU				
	Messages – List Screen' without creating any task.			
1	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.			
	This entry is only visible for:			
	I Operator			
	I CB (as TAH)			
	Required privilege: CLM_RepeatSending			
ļ	References for error messages: [> 575]			
	I E018			
	I E074			
	I U039			
	I U040			
	I U041			
	I U044			
	I U094			
	I U109			

Table 56 - Messages – List Screen – List of Messages – Context Menu

5.1.14 Messages – Details Screen

Context of	This screen shows the details of messages in the original XML format in which they were
Usage	sent or received. This allows the user to see the message fields in the original format, unaltered by any system for display or processing purposes.
	Furthermore the screen shows comprehensive information about the message, details of the ESMIG communication and the validation errors with regard to the message.
Screen Access	This screen can be reached in the following ways:
	I Cash Transfers and Messages >> Messages – Query Screen >> [Submit] >> Mes- sages – List Screen >> Context menu entry 'Details'
	 Cash Transfers and Messages >> Cash Transfers – List Screen >> Context menu 'Display Message' >> Messages – List Screen >> Context menu entry 'Details'
	 Cash Transfers and Messages >> Cash Transfer – Details Screen >> Context menu 'Display Message' >> Messages – List Screen >> Context menu entry 'Details'
Drivilanaa	To use this serves the following privilege is peeded.

Privileges To use this screen the following privilege is needed:



CLM_QueryMsgDetail L

References

This screen is part of the following use case:

Display message [▶ 490] I

Screenshot

	Corresponding Mess	ssage														
	Message ID		Clearing System Referen	Buniness Case ID	UETR		Original UETE	Message Status	From BIC (BAH)	To BIC (BAH)	Timestamp	Message Direction	Message Origin/Destination	Menage Type	Sending Country	
	8092717411720803			7140817	a5257e1a-2835	939-8752-d106/26ed037		Accepted	CBIOIPLDOXOX	TROTXETTCLM	2022-09-27 18:47:38 CET	Inbound	ESMIG	Financial Institution Credit Transfer (Pacs.009)	P1	
	« < 1 >	> >> 🗈														
-	General															
	Message ID				0	aring System Reference				Busines	i Case ID			Technical Message ID		
	8092717411720803	3								71408	17			17857205		
	UETR					ginal UETR				Busines	s Case Status					
	a5257e1a-2835-4930	39-8752-01062	25ed0371							Wareh	oused					
	From BIC (BAH)					BIC (BAH)				Messag	e Direction			Message Status		
	CBIOIPLDBIOIX					RETXETTCLM				Inbour	rd			Accepted		
	Timestamp					ssage Origin/Destination				Messag						
	2022-09-27 16:47:38	38 CET				5416				Financ	al Institution Credit Transfer	(Pacs.009)				
	File ID					Sequence Number										
-	XML Message XML Message KAppildr xminse"ur «Fr»	um iso std iso 2	10022 technad head 201.00	.01" sminszti e "http://w			p.//www.w3.arg/2001/	MLSchema-instance	e" xsischemalocation	•'umisastdisa20	0022/technisd Head 001.001.01	CLM_head_001_001_01	_20200504.usd">			
-	XML Message XML Message «Apprid: xminae"un «Fr» «Fig» «Fig»	 <bicti> CBICT</bicti> <cirsyst <cirsyst <cirsyst <cirsyst <cirsyst <cirsyst< li=""> </cirsyst<></cirsyst </cirsyst </cirsyst </cirsyst </cirsyst 	PLD0000K(BLCF)+ d> d+ dy-CLMK(Proys d)+				a//www.w3.arg/2001/	DMLSchama-instance	e" szischemalocation	*'umisastike 20	0022 fectives head 001.001.01	CLM_head_001_001_01	_20200554 and" >			
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-	XML Message XM, Message Kapita smine "u cFoi cFoi Validation Errors ESMIC Communication ESMIC Communication	ninstnid> «BICTI»CBIO «CirdysMmbil «CirdysMmbil «Cirdys «Cirdys «Mmbil stices stors	ØLD0001 参ご用 参 章 章 第2 第2 ○ 10 10 10 10 10 10 10 10 10 10 10 10 10 1		w.w3.arg/2000.00	umidage" uminasale "he umidage" uminasale "he	a//www.w3.arg/2001/	G/LSchema-instance	e" talachemal.coston	*'umise stdise 20	0022 meth read 001.001.01	CLM_Jmand_001_001_01	2000004 md**			
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-	XML Message XML Message <applier minarise<br="">efficiency efficiency efficiency efficiency efficiency efficiency efficiency Validation Errors ESMIC Communication ESMIC Com</applier>	<pre>clingsid></pre>	9,00004 (BCR)- 40 27 CLM (Preys 40 40 - SUR1-CoopidCoor4/Mer 4000		w.w3.arg/2000.00	umidage" uminasale "he umidage" uminasale "he	a/www.sd.arg/2014	001.5cheme-instance	a' alsonnaisorten	*'umileosofileo20	0022 mechnoid News (201.001.01	CLNL,Heed,001,001,01	,2000094.aat*			
-	XML Message XML Message «Appeter series of e «File «File «File «File «File «File «File «File «File «File «File «File «File «File » » «File » » «File » » «File » » «File » » «File » » «File » » » » » » » » » » » » » » » » » » »	<pre>elevel elevelev</pre>	9,00004 (BCR)- 40 27 CLM (Preys 40 40 - SUR1-CoopidCoor4/Mer 4000		w.w3.arg/2000.00	umidage" uminasale "he umidage" uminasale "he	a//www.wd arg/2001/	MLScheme-Instance	v sistensisoten	"umike addise 20	0022 mech read Award OO'L O'L O'L	CLM_Heed_001_001_01	2000004 are *			
-	XML Message XML Message <applier minarise<br="">efficiency efficiency efficiency efficiency efficiency efficiency efficiency Validation Errors ESMIC Communication ESMIC Com</applier>	<pre>elevel elevelev</pre>	9,00004 (BCR)- 40 27 CLM (Preys 40 40 - SUR1-CoopidCoor4/Mer 4000		w.w3.arg/2000.00	umidage" uminasale "he umidage" uminasale "he	a/www.n2.arg/2001,/	DMLSchema-Instance	e" allanenalisation	* umi ke stifike 20	0022 Technod Need 001.001.01	C.M. Jane (M. J.M. J.	200054.mt*	1		

Figure 97 - Messages – Details Screen

Field Descriptions Note: For the description of the attributes and the available context menu entries in the 'Corresponding Message' section, see chapter Messages – List Screen [▶ 141].

MESSAGES – DETAILS SCREEN – GENERAL			
Message ID	This field shows the message identification contained in the BAH.		
Clearing System Reference	This field shows the clearing system reference. In outgoing messages, CLM provides a booking reference in this column.		
Business Case ID	This field shows the unique identifier of the business case.		
Business Case Status	This field shows the status of the business transaction.This entry is only visible for:I OperatorCB (as TAH)		
Technical Message ID	This field shows the technical identifier that the application assigned to the message. The technical message ID is the internal identifier that CLM assigns to the message when writing it to the database.		
UETR	This field shows the UETR of the message.		



MESSAGES – DETAILS SCREEN – GENERAL				
	The UETR is an universally unique identifier which is generated by the initiating party of the payment transaction.			
Original UETR	This field shows the UETR of the original message which the message currently shown refers to.			
From BIC (BAH)	This field shows the business sender BIC in the BAH.			
To BIC (BAH)	This field shows the business receiver BIC in the BAH.			
Message Direction	This field shows if the message is an incoming or an outgoing message.			
Message Status	This field shows the status of the message.			
Timestamp	This field shows the date and time of the message validation. The value in this field is a value for incoming messages only.			
Message Origin/Destination	This field shows the origin of an incoming message or the destination of an outgoing message respectively.			
Message Type	This field shows the message type of the message. For possible values, see <u>Messages – Query Screen</u> [133].			
File ID	This field shows the identifier of the file in which the message was contained.			
	This field only contains a value if the message was sent or received within a file.			
File Sequence Number	This field shows the position of the message in the file in which the message was contained.			
	This field only contains a value if the message was sent or received within a file.			

Table 57 - Messages – Details Screen – General

MESSAGES – DETAILS SCREEN – XML MESSAGE

XML Message	This field shows the message in the original XML format in
	which it was sent or received.

Table 58 - Messages – Details Screen – XML Message

MESSAGES – DETAILS SCREEN – VALIDATION ERRORS



MESSAGES – DETAILS SCREEN – VALIDATION ERRORS

This section is only visible if an error occurs in the message.

Error Code	This column shows the error code resulting from the validation and processing of the message.
Error Description	This column shows the error descriptions resulting from the validation and processing of the message.

Table 59 - Messages – Details Screen – Validation Errors

MESSAGES – DETAILS SCREEN – ESMIG COMMUNICATION				
ESMIG Communication ID	This field shows the internal identifier of the message for the ESMIG communication.			
ESMIG Entry Timestamp	This field shows the entry timestamp of the message in ESMIG.			
ESMIG Party Technical Address	This field shows the technical address of the sending or receiving party.			
ESMIG Technical Service ID	This field shows the technical service identification of the network service.			
ESMIG Business Signature – Distinguished Name	business message.			
	This field is only filled for inbound messages.			

Table 60 - Messages – Details Screen – ESMIG Communication

5.1.15 Messages – Simulate Receipt T2S – Pop-up

Context ofThis pop-up screen offers the possibility to simulate a receipt (camt.025) for a pull liquidityUsagetransfer from CLM to T2S. This can either be a positive or a negative receipt. It can be
used to finalise open business cases in case the camt.025 has not arrived in CLM due to
a disturbance situation.

This function is only available for the Transit Account Holder of the specific currency and the operator.

Screen Access This screen can be reached in the following ways:

I Cash Transfers and Messages >> Messages – Query Screen >> [Submit] >> Messages – List Screen >> Context menu entry 'Simulate Receipt T2S'



ate Rece

Rejection with T2S Error Code

Cash Transfers and Messages >> Messages - Query Screen >> [Submit] >> Mes-Г sages - List Screen >> Context menu entry 'Details' >> Messages - Details Screen >> Context menu entry 'Simulate Receipt T2S' Privileges To use this screen the following privilege is needed: CLM_SimReceipt References This screen is part of the following use case: Simulate receipt [> 491] I Screenshot Simulate Receipt T2S × iding Me sage ID SG70ZYZk9D2a5FP1HIRN 10 11-32-05 CET

T2S Error Code

 \sim

 \sim

Figure 98 - Messages - Simulate Receipt T2S - Pop-up

FieldNote: For the description of the attributes and the available context menu entries in the
'Corresponding Message(s)' section, see chapter Messages – List Screen [▶ 141].

Submit



MESSAGES – SIMULATE RECEIPT T2S – POP-UP		
Simulate Receipt	This field offers the possibility to simulate a camt.025 (positive or negative) to enable the closing of the business case related to a pull-liquidity transfer. Possible values: I Rejection with T2S Error Code I Acceptation with Status Code	
T2S Error Code	This field offers the possibility to enter a T2S error code. It is only active when the field 'Simulate Receipt' is filled with the value 'Rejection with T2S Error Code'. Required format: alpha-numeric error code with 4 characters	
Status Code	This field offers the possibility to select a status code. It is only active when the field 'Simulate Receipt' is filled with the value 'Acceptation with Status Code'. Possible values: I SSET I SPAS	

MESSAGES – SIMULATE RECEIPT T2S – POP-UP

Table 61 - Messages – Simulate Receipt T2S – Pop-up

Buttons

MESSAGES –	SIMULATE RECEIPT T2S – POP-UP – BUTTONS
Submit	This button opens a confirmation pop-up, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, either a task to simulate a camt.025 message is created (2-eyes mode) in order to finalise the open business case accordingly or a task to be confirmed by another user is created (4-eyes mode). This can either be a positive receipt (with selected status code) or a negative receipt (with entered T2S Error Code).
	By clicking on the 'No' button, the user returns to the 'Messages – Simulate Receipt T2S – Pop-up' without any action.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	References for error messages [> 579]:



	MESSAGES – SIMULATE RECEIPT T2S – POP-UP – BUTTONS
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U093
	I U094
	I U095
	I U096
	I U109
	Table 62 - Messages – Simulate Receipt T2S – Pop-up – Buttons
	5.1.16 Messages – Simulate Receipt TIPS – Pop-up
Context of Usage	This pop-up screen offers the possibility to simulate a receipt (camt.025) for a pull liquidity transfer from CLM to TIPS. This can either be a positive or a negative receipt. It can be used to finalise open business cases in case the camt.025 has not arrived in CLM due to a disturbance situation.
	This function is only available for the Transit Account Holder of the specific currency and the operator.
Screen Access	This screen can be reached in the following ways:
	I Cash Transfers and Messages >> Messages – Query Screen >> [Submit] >> Messages – List Screen >> Context menu entry 'Simulate Receipt TIPS'
	 Cash Transfers and Messages >> Messages – Query Screen >> [Submit] >> Messages – List Screen >> Context menu entry 'Details' >> Messages – Details Screen >> Context menu entry 'Simulate Receipt TIPS'
Privileges	To use this screen the following privilege is needed:
	I CLM_SimReceipt
References	This screen is part of the following use case:
	L Simulate receipt [) 491]

I <u>Simulate receipt</u> [▶ 491]



									5	 Corresponding
sage Origin/Des	Message Direction	Timestamp	To BIC (BAH)	From BIC (BAH)	Message Status	UETR Original UETR	Business Case Status	Business Case ID	Clearing System Reference	Message ID
5	Outbound	2022-02-04 09:02:46 CET	TRGTXETTTIP	TRGTXETTCLM	Provided			626191		50093425
										4
			_	code					5 5	
									Error Code	Rejection with TIP:
				le	Status Coo					
					TIPS Error Status Cor				Error Code	Simulate Receipt Rejection with TIPS

Figure 99 - Messages - Simulate Receipt TIPS - Pop-up

FieldNote: For the description of the attributes and the available context menu entries in the
'Corresponding Message(s)' section, see chapter Messages – List Screen [▶ 141].



MESSAGES	S – SIMULATE RECEIPT TIPS – POP-UP
Simulate Receipt	 This field offers the possibility to simulate a camt.025 (positive or negative) to enable the closing of the business case related to a pull-liquidity transfer. Possible values: Rejection with TIPS Error Code Acceptation with Status Code
TIPS Error Code	This field offers the possibility to enter a TIPS error code. It is only active when the field 'Simulate Receipt' is filled with the value 'Rejection with TIPS Error Code'. Required format: alpha-numeric error code with 4 characters
Status Code	This field offers the possibility to select a status code. It is only active when the field 'Simulate Receipt' is filled with the value 'Acceptation with Status Code'. Possible values: I SSET I SPAS

MESSAGES – SIMULATE RECEIPT TIPS – POP-UP

Table 63 - Messages - Simulate Receipt TIPS - Pop-up

Buttons

MESSAGES – S	MULATE RECEIPT TIPS – POP-UP – BUTTONS
Submit	This button opens a confirmation pop-up, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, either a task to simulate a camt.025 message is created (2-eyes mode) in order to finalise the open business case accordingly or a task to be confirmed by another user is created (4-eyes mode). This can either be a positive receipt (with selected status code) or a
	negative receipt (with entered TIPS Error Code). By clicking on the 'No' button, the user returns to the 'Messages – Simulate Receipt TIPS – Pop-up' without any action.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'. <u>References for error messages:</u> [▶ 580]



MESSAGES – SIN	IULATE RECEIPT TIPS – POP-UP – BUTTONS
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U093
	I U094
	I U095
	I U096
	I U109

Table 64 - Messages – Simulate Receipt TIPS – Pop-up – Buttons

5.1.17 Messages – Simulate Receipt RTGS – Pop-up

Context ofThis pop-up screen offers the possibility to simulate a receipt (camt.025) for a pull liquidityUsagetransfer from CLM to RTGS. This can either be a positive or a negative receipt. It can be
used to finalise open business cases in case the camt.025 has not arrived in CLM due to
a disturbance situation.

This function is only available for the Transit Account Holder of the specific currency and the operator.

- **Screen Access** This screen can be reached in the following ways:
 - I Cash Transfers and Messages >> Messages Query Screen >> [Submit] >> Messages – List Screen >> Context menu entry 'Simulate Receipt RTGS'
 - I Cash Transfers and Messages >> Messages Query Screen >> [Submit] >> Messages List Screen >> Context menu entry 'Details' >> Messages Details Screen >> Context menu entry 'Simulate Receipt RTGS'
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_SimReceipt
- **References** This screen is part of the following use case:
 - I <u>Simulate receipt</u> [▶ 491]



Message ID	Clearing System Reference	Business Case ID	Business Case Status	JETR Original UETR	Message Statu	s From BIC (BAH)	To BIC (BAH)	Timestamp	Message Direction	n Message Origin/D
33294		603651			Provided	TRGTXETTCLM	TRGTXETTRTG	2021-09-23 13:28:58	CET Outbound	RTGS
4										
Simulate Receipt	RTG5				RTIGS Fre	or Code				
Simulate Receipt Simulate Receipt Rejection with RT					RTGS Erro	or Code	~			
Simulate Receipt							~			

Figure 100 - Messages – Simulate Receipt RTGS – Pop-up

FieldNote: For the description of the attributes and the available context menu entries in theDescriptions'Corresponding Message(s)' section, see chapter Messages – List Screen [▶ 141].



MESSAGES	– SIMULATE RECEIPT RTGS – POP-UP
Simulate Receipt	This field offers the possibility to simulate a camt.025 (positive or negative) to enable the closing of the business case related to a pull-liquidity transfer. Possible values: I Rejection with RTGS Error Code I Acceptation with Status Code
RTGS Error Code	This field offers the possibility to select an RTGS error code. It is only active when the field 'Simulate Receipt' is filled with the value 'Rejection with RTGS Error Code'.
Status Code	This field offers the possibility to select a status code. It is only active when the field 'Simulate Receipt' is filled with the value 'Acceptation with Status Code'. Possible values: I SSET I SPAS

MESSAGES – SIMULATE RECEIPT RTGS – POP-UP

Table 65 - Messages - Simulate Receipt RTGS - Pop-up

Buttons

Submit	This button opens a confirmation pop-up, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, either a task to simulate a camt.025 message is created (2-eyes mode) in order to finalise the open business case accordingly or a task to be confirmed by another user is created (4-eyes mode). This can either be a positive receipt (with selected status code) or a negative receipt (with entered RTGS Error Code).
	By clicking on the 'No' button, the user returns to the 'Messages – Simulate Receipt RTGS – Pop-up' without any action.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	References for error messages: [▶ 577]

MESSAGES – SIMULATE RECEIPT RTGS – POP-UP – BUTTONS



	MESSAGES – SIMULATE RECEIPT RTGS – POP-UP – BUTTONS
	I E074
	I U039
	I U040
	I U041
	I U044
	I U092
	I U093
	I U094
	I U095
	I U096
	I U109
	Table 66 - Messages – Simulate Receipt RTGS – Pop-up – Buttons
	5.1.18 Business Cases – Query Screen
Context of	This screen offers the possibility to query business cases in CLM.
Usage	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Entry Timestamp' in descending order.
	The business cases matching the data of the search fields are shown in the <u>Business</u> <u>Cases – List Screen</u> [▶ 161].
	This screen is only available for operators and central bank users.
Screen Access	This screen can be reached in the following way:
	I Cash Transfers and Messages >> Business Cases – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryBC
References	This screen is part of the following use case:
	I List business life cycle events for cash transfers (orders) [▶ 492]



J	CI	C (711	31	10	L

Query Business Case	es				☆	?	٠	
Search Criteria								
- General								
Entry Timestamp From		Entry Timestamp To						_
YYYY-MM-DD HH:MM:SS	CEST #	< YYYY-MM-DD HR:MM:SS	CEST III					
Business Case ID		Business Case Status						
		No filter selected	ΞĀ					
- Output Parameters								
Sort By		Sort Order						
Entry Timestamp	~	Descending	~					
nt Rear								

Figure 101 - Business Cases – Query Screen

Field Descriptions

BUSINESS	CASES – QUERY SCREEN – GENERAL
Entry Timestamp From	This field offers the possibility to restrict the result list to business cases with an entry timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field 'Entry Timestamp To'. The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS
Entry Timestamp To	This field offers the possibility to restrict the result list to business cases with an entry timestamp earlier than the date and time entered in this field. The value in this field must be later than the value in the field 'Entry Timestamp From'. The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS
Business Case ID	This field offers the possibility to restrict the result list to business cases with a specific business case identification.



BUSINESS	CASES – QUERY SCREEN – GENERAL
	Required format: up to 16 numerical characters
Business Case Status	This field offers the possibility to restrict the result list to business cases with a specific business case status.
	Select one or more of the following values:
	I Closed
	I Processed
	I Processing Started
	I Validation Completed
	I Warehoused
	Default value: 'No filter selected'

Table 67 - Business Cases – Query Screen – General

BUSINESS CASES	S – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible values:
	I Business Case ID
	I Business Case Status
	I Business Case Type
	I Closure Timestamp
	I Entry Timestamp
	Default value: 'Entry Timestamp'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: Ascending Descending
	Default value: 'Descending'

Table 68 - Business Cases – Query Screen – Output Parameters

Buttons

BUSINESS CASES – QUERY SCREEN – BUTTONS



	BUSINESS CASES – QUERY SCREEN – BUTTONS			
	Submit	The user can click on this button to query all business cases matching the entered criteria. The result list will be displayed in the <u>Business Cases – List</u>		
		<u>Screen</u> [▶ 161].		
	Reset	The user can click on this button to reset all fields to their default values.		
	Table 69 - Business Cases – Que	ery Screen – Buttons		
	5.1.19 Business Cases –	List Screen		
Context of	This screen lists all business ca	ases meeting a defined set of criteria.		
Usage		ined on the <u>Business Cases – Query Screen</u> [▶ 158] or this screen via a context menu.		
	This screen is only available fo	r operators and central bank users.		
Screen Access	This screen can be reached in	the following ways:		
	I Cash Transfer and Messa	ges >> Business Cases – Query Screen >> [Submit]		
		sages >> Cash Transfers – Query Screen >> [Submit] >> een >> Context menu entry 'Display Business Case'		
		sages >> Cash Transfers – Query Screen >> [Submit] >> een >> Cash Transfers – Details Screen >> Context menu ase'		
		sages >> Messages – Query Screen >> [Submit] >> Mes- ontext menu entry 'Display Business Case'		
		sages >> Messages – Query Screen >> [Submit] >> Mes- lessages – Details Screen >> Context menu entry 'Display		
Privileges	To use this screen the following	g privilege is needed:		
	I CLM_QueryBC			
References	This screen is part of the follow	ing use case:		
	I List business life cycle eve	ents for cash transfers (orders) [▶ 492]		



List of Business Cas Query Business Cases	es			វ	ነ ? 🌻
Search Criteria					
Results				Last Refre	ih: 2022-10-25 11:58:47 CEST Refre
List of Business Cases					
Entry Timestamp	Business Case ID	Business Case Type	Business Case Status	Closure Timestamp	
2022-10-25 11:57:48 CEST	8854645	Payment	Closed	2022-10-25 11:58:00 CEST	-
2022-10-25 11:57:48 CEST	8854645	Payment	Closed	2022-10-25 11:58:00 CEST	1
2022-10-25 11:57:40 CEST	0054645	Payment	Closed	2022-10-25 11:53:00 CEST	
2022-10-25 11:56:47 CEST	8354644	Payment	Closed	2022-10-25 11:58:00 CEST	-
2022-10-25 11:56:47 CEST	6854644	Payment	Closed	2022-10-25 11:58x00 CEST	
2022-10-25 11:56:47 CEST	6854544	Payment	Closed	2022-10-25 11:58:00 CEST	
2022-10-25 11:55:47 CEST	8854655	Payment	Closed	2022-10-25 11:56:00 CEST	-
2022-10-25 11:55:47 CEST	6254655	Flayement	Closed	2022-10-25 11:56:00 CEST	
2022-10-25 11:55:47 CEST	8854655	Payment	Closed	2022-10-25 11:56x00 CEST	
2022-10-25 11:54:46 CEST	8854643	Payment	Processing Started	2022-10-25 11:54:46 CEST	
2022-10-25 11:53:47 CEST	6854642	Payment	Processing Started	2022-10-25 11:53:47 CEST	
2022-10-25 11:53:06 CEST	8854654	Payment	Processing Started	2022-10-25 11:53:06 CEST	-
2022-10-25 11:52:42 CEST	8854641	Message	Closed	2022-10-25 11:58:00 CEST	
2022-10-25 11:52:26 CEST	6854640	Message	Closed	2022-10-25 11:53:00 CEST	-
2022-10-25 11:52:06 CEST	8854639	Payment	Processing Started	2022-10-25 11:52:06 CEST	-
2022-10-25 11:52:05 CEST	8854653	Payment	Processing Started	2022-10-25 11:52:06 CEST	

Figure 102 - Business Cases – List Screen

Field Descriptions Note: For the description of the attributes in the 'Search Criteria' section see chapter Business Cases – Query Screen [▶ 158].

BUSINESS CASES – LIST SCREEN – RESULTS – LIST OF BUSINESS CASES				
Entry Timestamp	This column shows the entry timestamp of the business case.			
Business Case ID	This column shows the unique identifier of the business case.			



BUSINESS CASES – LIS	T SCREEN – RESULTS – LIST OF BUSINESS CASES
Business Case Type	This column shows the type of the business case.
Business Case Status	This column shows the status of the business case.
Closure Timestamp	This column shows the closure timestamp of the business
	case.

Table 70 - Business Cases – List Screen – Results – List of Business Cases

Context Menu

BUSINESS CASES – LIST SCREEN – RESULTS – LIST OF BUSINESS CASES – CONTEXT			
MENU			
Display Cash Transfer	This context menu entry redirects the user to the <u>Cash</u> <u>Transfers – List Screen</u> [+ 94] while transmitting the following value: I Business Case ID This context menu entry is only available if the respective business case is associated with a cash transfer. Required privilege: CLM_QueryCashTrans		
Display Message	This context menu entry redirects the user to the <u>Messages –</u> List Screen [> 141] while transmitting the following value: I Business Case ID This context menu entry is only available if the respective business case is associated with a message. Required privilege: CLM_QueryMsg		

Table 71 - Business Cases – List Screen – Results – List of Business Cases – Context Menu

5.1.20 Account Postings – Query Screen

Context ofThis screen offers the possibility to query postings of an account in the order of theirUsagesettlement to see the starting balance and the current balance of the account. It also
offers the possibility to see the transactions of the account.

The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Calendar Date' in ascending order.

The account postings matching the data of the search fields are shown in the <u>Account</u> <u>Postings – List Screen</u> [▶ 167].

Screen Access This screen can be reached in the following way:



	I Cash Transfers and Messages >> Account Postings – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryCashTrans
References	This screen is part of the following use case:

I List account postings [▶ 493]



	Query Account Postings Query Account Postings					☆	?	٠	
Searc	ch Criteria								
-	Account Information*								
	Account Number		Account BIC						
		۹		Q.					
-	Date Information								
_	Timestamp From		Timestamp To						
	≥ VYYY-MM-DD HR:MM:SS	CEST 🗮	< YYYY-MM-DD HR:MM:SS	CEST 🛍					
-	Output Parameters								
	Sort By		Sort Order						
	Calendar Date	~	Ascending	~					

Figure 103 - Account Postings – Query Screen

Field Descriptions

ACCOUNT POSTINGS – QUERY SCREEN – ACCOUNT INFORMATION*				
Account Number	This field offers the possibility to restrict the result list to account postings of a specific account by entering the account number.			
	If the user only has one single account, this field is pre-filled with the account number of the current user. This value can be overwritten.			
	If the user has more than one account, this field is not pre- filled. In this case, the user can enter an account number manually or search for it by clicking on the smart-select button and opening the <u>Cash Account Reference Data – Query</u> <u>Screen</u> [> 362] as a pop-up.			
	This field and the field 'Account BIC' are mutually exclusive.			
	Required format: up to 34 characters – with the following additional restrictions to the input value:			
	I Must not start or end with a space, but may have space/s within the middle			
	I Must not start or end with a slash			
	I May contain slashes within the middle, but not more than one consecutive slash			
Account BIC	This field offers the possibility to restrict the result list to account postings of a specific account by entering the account BIC.			
	If the user only has one single account, this field is pre-filled			

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ACCOUNT POSTING	ACCOUNT POSTINGS – QUERY SCREEN – ACCOUNT INFORMATION*		
	with the account BIC of the current user. This value can be overwritten.		
	If the user has more than one account, this field is not pre- filled. In this case, the user can enter an account BIC manually or search for it by clicking on the smart-select button and opening the <u>BICs – Query Screen</u> [* 373] as a pop-up. While searching, the displayed values are not restricted to the data scope of the user.		
	This field and the field 'Account Number' are mutually exclusive. Required format: 8 or 11 characters		

Table 72 - Account Postings – Query Screen – Account Information

	NGS – QUERY SCREEN – DATE INFORMATION
Timestamp From	This field offers the possibility to restrict the result list to account postings with a timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field 'Timestamp To'. The user can enter the timestamp manually or specify it by clicking on the calendar button.
Timestamp To	Required format: YYYY-MM-DD HH:MM:SS This field offers the possibility to restrict the result list to account postings with a timestamp earlier than the date and time entered in this field. The value in this field must be later than the value in the field 'Timestamp From'. The user can enter the timestamp manually or specify it by clicking on the calendar button. Required format: YYYY-MM-DD HH:MM:SS

Table 73 - Account Postings – Query Screen – Date Information



Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: I Amount
	Calendar Date Counterparty BIC Default value: 'Calendar Date'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending Default value: 'Ascending'

ACCOUNT POSTINGS – QUERY SCREEN – OUTPUT PARAMETERS

Table 74 - Account Postings – Query Screen – Output Parameters

Buttons	ACCOUNT R	POSTINGS – QUERY SCREEN – BUTTONS			
	Submit	The user can click on this button to query all account postings matching the entered criteria. The result list will be displayed in the <u>Account Postings – List</u> <u>Screen</u> [> 167].			
	Reset	The user can click on this button to reset all fields to their default values.			
	Table 75 - Account Postings – G	uery Screen – Buttons			
	5.1.21 Account Postings	– List Screen			
Context of	This screen lists all account po	stings meeting a defined set of criteria.			
Usage	These criteria were defined on	the <u>Account Postings – Query Screen</u> [▶ 163].			
		ting balance and the current balance of the account. By re shown in the result list underneath.			
Screen Access	This screen can be reached in	the following way:			
	I Cash Transfers and Mess	ages >> Account Postings – Query Screen >> [Submit]			
Privileges	To use this screen the following	g privilege is needed:			



I CLM_QueryCashTrans

References This screen is part of the following use case:

I <u>List account postings</u> [▶ 493]

Screenshot

Search Criteria			
Results			Last Refresh: 2023-06-15 09:49:01 CEST
Account Information			
Account BIC	Account Number		
PBAAGRADXR1	RGREURPBAAGRADOX01		
Balance			
Starting Balance	Current Balance		
23,250,000.50 EUR	1,127,000.50 EUR		
List of Account Postings	Amount	Counterparty BIC	
	Amount	Counterparty BIC 2.500.000 EUR	CBXXIGRD
Timestamp	Annount		CBXXXGRX
Timestamp 2023-06-15 07:25:21 CEST	Ansan	2,500,000.00 EUR	
Timestamp 2023-06-15 07:25:21 CEST 2023-06-15 07:25:21 CEST	Anicun	2,500,000.00 EUR -25,000,000.00 EUR	PBACGRA
Tinestang 2023-06-15 07:25:21 CEST 2023-06-15 07:25:21 CEST 2023-06-15 07:26:03 CEST	Annout	2.500.000.00 EUR -25.0000.00 EUR 1.000.000.00 EUR	PBACGRA

Figure 104 - Account Postings – List Screen

FieldNote: For the description of the attributes in the 'Search Criteria' section see chapterDescriptionsAccount Postings – Query Screen [▶ 163].



ACCOUNT POSTINGS – LIST SCREEN – RESULTS – ACCOUNT INFORMATION

Account BIC	This field shows the account BIC of the account for which the account postings were queried.
Account Number	This field shows the account number for which the account postings were queried.

Table 76 - Account Postings – List Screen – Results – Account Information

ACCOUNT POSTINGS – LIST SCREEN – RESULTS – BALANCE				
Starting Balance	This field shows the starting balance of the selected account of the current business day.			
Current Balance	This field shows the current balance of the selected account. The displayed value corresponds to the balance at the time of the last refresh of the query. There are no delta balances calculated reflecting the account postings.			

Table 77 - Account Postings – List Screen – Results – Balance

ACCOUNT POSTINGS – LIST SCREEN – RESULTS – LIST OF ACCOUNT POSTINGS				
Timestamp	This column shows the timestamp of the specific account posting.			
Amount	This column shows the amount of the specific account posting. Debits are displayed in red, credits are displayed in black.			
Counterparty BIC	This column shows the From/To BIC of the counterparty for the cash transfer depending on whether the cash transfer is a credit or debit. Additionally, this column reveals the party short name via mouse-over function.			

Table 78 - Account Postings – List Screen – Results – List of Account Postings



Context Menu

	ACCOUNT POSTINGS - LIST SCREEN - RESULTS - LIST OF ACCOUNT POSTINGS - CON-				
		TEXT MENU			
	Display Cash Transfer	This context menu entry redirects the user to the <u>Cash</u> <u>Transfers – Details Screen</u> [▶ 109] displaying the cash transfer related to the selected account posting.			
	Table 79 - Account Postings – List Screen – Results – List of Account Postings – Context Menu				
	5.1.22 Statement of Acco	unt – Download Screen			
Context of Usage	This screen offers the possibility to query a statement of account by specifying different attributes for a U2A only CLM Account Holder or an A2A CLM Account Holder.				
	The result can be downloaded by clicking the 'Download' button. The state account will be a '.pdf' file containing an unstructured camt.053 XML string of the account and business day as stored in CLM when produced at the end of the day				
	For A2A parties, only the last generated statement of account file can be downloaded.				
Screen Access	This screen can be reached in t	he following way:			
	I Cash Transfers and Messa	ages >> Statement of Account – Download Screen			
Privileges	To use this screen the following	ı privilege is needed:			
	I CLM_QueryAccStat				
References	This screen is part of the follow	ing use case:			
	I Download statement of ac	<u>count</u> [▶ 494]			



Search Criteria				
General Party BIC*	_			
Account Number	Q Account BIC			
Business Date	Q.	Q.		
No filter selected	AI			

Figure 105 - Statement of Account – Download Screen

Field Descriptions	STATEMENT OF A	ACCOUNT – DOWNLOAD SCREEN – GENERAL
	Party BIC*	This field requires the user to enter a party BIC.
		If the user is associated with exactly one party, this field is pre- filled with the BIC of the respective party.
		If the user is associated with more than one party, this field is not pre-filled. In this case, the user can enter the party BIC manually or search for it by clicking on the smart-select button and opening the <u>Party Reference Data – Query Screen</u> [▶ 354] as a pop-up. Required format: 8 or 11 characters
	Account Number	This field offers the possibility to restrict the result list to an account statement by entering a specific account number. If the user only has one single account, this field is pre-filled with the account number of the current user. This value can be overwritten.
		If the user has more than one account, this field is not pre- filled. In this case, the user can enter an account number manually or search for it by clicking on the smart-select button and opening the <u>Cash Account Reference Data – Query</u> <u>Screen</u> [* 362] as a pop-up.
		 Required format: up to 34 characters – with the following additional restrictions to the input value: I Must not start or end with a space, but may have space/s within the middle
		 Must not start or end with a slash May contain slashes within the middle, but not more than one consecutive slash
	Account BIC	This field offers the possibility to restrict the result list to an account statement by entering the account BIC.



STATEMENT OF A	ACCOUNT – DOWNLOAD SCREEN – GENERAL
	If the user only has one single account, this field is pre-filled with the account BIC of the current user. This value can be overwritten.
	If the user has more than one account, this field is not pre- filled. In this case, the user can enter an account BIC manually or search for it by clicking on the smart-select button and opening the <u>BICs – Query Screen</u> [+ 373] as a pop-up. While searching, the displayed values are not restricted to the data scope of the user. Required format: 8 or 11 characters
Business Date	This field offers the possibility to select one business day to query the statement of account. The statement of account can be queried for the last 10 business days. This field is not available for A2A parties.

Table 80 - Statement of Account – Download Screen – General

Buttons

		ADEEN DUTTONO
STATEMENT OF ACCOU	UNI – DOWNLOAD S	CREEN – BUITONS

Download	The user can click on this button to download a specific statement of account.
	When the user clicks on this button, a confirmation pop-up opens, asking the user if he wants to proceed.
	By clicking on the 'Yes' button, a download window appears
	and the statement of account is downloaded as '.pdf' file. The
	user returns to the 'Statement of Account – Download Screen'
	with the original default settings.
	By clicking on the 'No' button, the user returns to the
	'Statement of Account - Download Screen' with the already
	entered information.

Table 81 - Statement of Account – Download Screen – Buttons

5.1.23 Financial Institution Credit Transfer - New Screen

Context ofThis screen offers the possibility to enter a new financial institution credit transfer (FICT)Usageorder between two CLM accounts by generating a pacs.009 message for CLM services
such as liquidity transfers or central bank operations.



Within CLM, the message can have one of the following usages: Creation of payment Т L Connected payment processing Payments linked to central bank operations (credits) I The FICT may be entered by the following entities: Central bank Г The credited and debited CLM Accounts must be denominated in the same currency. Screen Access This screen can be reached in the following way: Cash Transfers and Messages >> Financial Institution Credit Transfer – New Screen Т Privileges To use this screen the following privileges are needed: CLM_IniFinInstCreTra L CLM_IniConpay (This privilege is only required in order to be able to initiate a connected payment.) References This screen is part of the following use case:

I Enter Payment order - pacs.009 [▶ 495]



= 💌	New Financial Institution Credit Transfer New Financial Institution Credit Transfer	쇼	?	٠	ወ
	♣ Business Application Header*				
	Finandalinatization Gredit Transfer*		_		
	Credit Transfer Transaction Information*		_		
	Entructing Agent*				
	Debta*				
	Instructed Agent*		_		
	Creditor*				
	Interback Settlemant*		_		
	Payment 10°				
	Settlement Time Request				
	Payment Type Information				
	Remittance information				
					_
Submit Reset	Display Errors Collapor All Expand All				

Figure 106 - FICT - New Screen (all sections closed)

Fight Optical BCP* Optical Optical Optical Optical Optical Optical Optical Optical Optical Optical Optical Demonstration Optical Dem	- Business Appl	cation Header*			
RCF' Optical Cacing System Manhair (D Paperlay Mercler (D Other O Other O C/* O RCF* C RCF* C <				-	
Canford System Mancher (D Projekty/	BICFI				
Projekty Method 0 Other 0 D 0 SCH* 0 Method 0 0 SCH* 0	TTOPXEF0000		- Optional		
Tot Tot RC/* Descent Total CLM Other Descent Total CLM Descent Total CLM Descent Total CLM			Clearing System Member ID		
To* SC/P To* Concerned Defined Defined Defined Define Defined Define Defined Define Defined Defined Defin			Proprietary Member ID	-	
To* SC/P To* Concerned Defined Defined Defined Define Defined Define Defined Define Defined Defined Defin					
To* ICF RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR RecToR			Other		
NCH* C Optional Pachartin CLM Other Dime Dime Dime Dime </td <td></td> <td></td> <td>a</td> <td></td> <td></td>			a		
NCH* C Optional Pachartin CLM Other Dime Dime Dime Dime </td <td></td> <td></td> <td></td> <td></td> <td></td>					
KC14*					
Technicalmetricitation Control Other Other D Other					
Other D Accirco Mosage () Simmeticit Teamsialization Credit Transfer* Teamsialization Credit Transfer*	To*				
	BICF!*		-	*1	
Somes Mesage (D (Sintented) Financial Institution Creft Transfor*	BICF!*	•	Cytional		
Francishestitution Croßt Traufur*	BICF!*				
Proscubinethalion Orada Transfer*	BICF!*		Other	-	
Francishedulos Cedi Trante*	BICF!*	¥]	Other	+	
Prancial-Institution Credit Transfer*	BICF!*	r	Other	-	
	BCR* TRGTXETTCL		Other		
	BCR* TRGTXETTCL		Other		
	BCR* TRGTXETTCL		Other		
- Credit Transfer Transaction Information*	BIGH*	ge ID (Generaled)	Other		
	BIGH*	ge ID (Generaled)	Other		

Figure 107 - FICT – New Screen – BAH

Field Descriptions This screen consists of several sections that contain fields the user can fill. By default, all sections are closed.

Note: On this screen, entire sections are marked as mandatory. The user can provide the mandatory information for a section via a number of different input fields. The GUI indicates which fields are mandatory when the user starts to enter information in a specific input field. An asterisk in the title cell indicates a mandatory section.



FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION				
	HEADER – FROM*			
BICFI*	This field is prefilled with the party BIC of the owner of the account given in the 'Instructing Agent' element in the payload.			
	The value in this field can be overwritten.			
	Required format: 8 or 11 characters			

Table 82 - FICT - New Screen - BAH - From

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER – FROM* – OPTIONAL – CLEARING SYSTEM MEMBER ID

The fields of the section 'Clearing System Member ID' can be filled, but are not relevant for the processing in CLM.

Proprietary	This field offers the possibility to enter a non-standardized identification for the clearing system. If the field 'Proprietary' is filled, then the field 'Member ID' has to be filled too.
	Required format: up to 35 characters
Member ID	This field offers the possibility to enter the clearing system member identification of the sending party. If the field 'Member ID' is filled, then the field 'Proprietary' has to be filled too.
	Required format: up to 35 characters

Table 83 - FICT - New Screen - BAH - From - Clearing System Member ID

	DIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION ER – FROM* – OPTIONAL – OTHER
ID	This field offers the possibility to enter an optional unique identification for the sending party. This field can be filled, but is not relevant for the processing in CLM. Required format: up to 35 characters





FINANCIAL INSTITUTION CREE	DIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER – TO*
BICFI*	This field requires the user to enter the corresponding BIC to which the payment is sent. This field is pre-filled with the system BIC of CLM. This value
	cannot be modified.
	Required format: 11 characters

Table 85 - FICT – New Screen – BAH – To

	DIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION DER – TO* – OPTIONAL – OTHER
ID	This field offers the possibility to enter an optional unique identification for the receiving party. Required format: up to 35 characters

Table 86 - FICT – New Screen – BAH – To – Other

FINANCIAL	INSTITUTION	CRE	DIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER*
Business (Generated)	Message	ID	This field offers the possibility to enter a unique message identification that CLM assigns to the credit transfer order. If the user does not fill this field, a random identification is generated when the corresponding message is submitted. Required format: up to 35 characters

Table 87 - FICT – New Screen – BAH



= =	New Financial Institution Credit Transfer New Financial Institution Credit Transfer	☆	?	٠	Ċ
	Business Application Header*				
	FinancialInstitution Credit Tarasfee*				
	Credit Transfer Transaction Information*				
	- Instructing Agent*				
	BCPP LB				
	Debtor*				
	Instructed Agent*				
	Crediter*				
	Interlank Settlement*				
	Payment ID*				
	Settlement Time Request				
	Payment Type Information				
	Remittance Information				
Submit	Digity (Immo Colligor Al Copand Al				

Figure 108 - FICT – New Screen – Instructing Agent

Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION
CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – INSTRUCTING

	AGENI^
BICFI*	This field requires the user to enter the BIC of the MCA to be debited. Required format: 8 or 11 characters
LEI	This field offers the possibility to enter the legal entity identifier (LEI) of the instructing agent, as defined by ISO 17442:2012. Required format: 20 total characters, starting with 18 alphanumeric characters and ending with 2 numeric characters

Table 88 - FICT – New Screen – Instructing Agent



Business Application Header*		
FinancialInstitution Credit Transfer*		
- Credit Transfer Transaction Information*		
Instructing Agent*	 _	
Debtor*	 _	
Dubter ID*		
BCP 13		
+ Instructed Agent*	_	
E Creditor*	 	
Interback Settlowant*		
➡ Payment ID*		
Settlement Time Request		
+ Payment Type Information		
Remittance Information		

Figure 109 - FICT – New Screen – Debtor ID

Field Description

Descriptions

LEI

CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – DEBTOR –				
DEBTOR ID*				
his field requires the user to enter the BIC of the debtor. equired format: 8 or 11 characters				
h				

defined by ISO 17442:2012.

characters

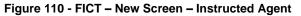
This field offers the possibility to enter the LEI of the debtor, as

Required format: 20 total characters, starting with 18 alphanumeric characters and ending with 2 numeric

Table 89 - FICT – New Screen – Debtor ID



Business Application Header*		
Financialistitution Credit Transfer*	-	
Credit Transfer Transaction Information*		
Instructing Agent*		
+ Debtor*		
- Instructed Agent*		
BLCPP LET		
Greditor*		
Interbank Settlement*		
Payment ID*		
Sattlement Time Request		
Payment Type Information		
* Remittance Information		



Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – INSTRUCTED

AGENT*			
BICFI*	This field requires the user to enter the BIC of the account that is to be credited in CLM. Required format: 8 or 11 characters		
LEI	This field offers the possibility to enter the LEI of the instructed agent, as defined by ISO 17442:2012. Required format: 20 total characters, starting with 18 alphanumeric characters and ending with 2 numeric characters		

Table 90 - FICT - New Screen - Instructed Agent



+ Business Application Header*	 	
Financialitation Credit Transfer*	 _	
Gredit Transfer Transaction Information*	 _	
+ Instructing Agent*	 	
Dobur*	 	
🛊 Instructed Agent*	 	
 Ceditor* 	 _	
Coditor ID*		
BC0* 10		
+ Interhank Settlement*		
+ Payment ID*		
+ Settlement Time Request		
+ Payment Type Information		
+ Remittance Information		



Field Description

Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION
CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – CREDITOR –
CREDITOR ID*

BICFI*	This field requires the user to enter the BIC of the creditor. Required format: 8 or 11 characters
LEI	This field offers the possibility to enter the LEI of the creditor, as defined by ISO 17442:2012.
	Required format: 20 total characters, starting with 18 alphanumeric characters and ending with 2 numeric
	characters

Table 91 - FICT - New Screen - Creditor ID

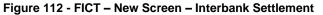


Screenshot

+ Business Application Header*		
- FinancialInstitution Credit Transfer*		
Credit Transfer Transaction Information*		
+ Instructing Agent*		
+ Debtor*		
+ Instructed Agent*		
+ Creditor*		
- Interbank Settlement*		
Interbank Settlement Amount*		
EUR		
Interbark Settlement Date*		
Settlement Priority		
URST		
+ Payment ID*		
+ Settlement Time Request		
+ Payment Type Information		
+ Remittance Information		

FINANCIAL INSTITUTION CREDIT TRANSFER - NEW SCREEN - FINANCIAL INSTITUTION

ANOLED TO ANO ACTION INFORMATION



Field Descriptions

CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – 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.		
	The currency of the entered amount is shown automatically to the right of the field. The shown currency depends on the identification of the logged in user.		
	Required format: decimal, up to 18 total digits including 2 fractional digits		
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.		
	Default value: Current business day		
	Required format: YYYY-MM-DD		
Settlement Priority	This field offers the possibility to select the priority for the processing of the settlement.		
	Possible values:		
	I URGT		



FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – INTERBANK SETTLEMENT*

Default value: 'URGT'

Note: The value 'URGT' is the only possible value even though this field is a standard drop-down list field.

Table 92 - FICT – New Screen – Interbank Settlement

Screenshot

+ Business Application Header*	
- Financial estitution Credit Transfer*	
Credit Transfer Transaction Information*	
+ Instructing Agent*	
Debtor*	
+ Instructed Agent*	
Creditor*	
Intertank Settlement ⁴	
Payment ID*	
Instruction ID*	
End To End ID*	
UETR (Generated)	
Victor (percentration)	
+ Settlement Time Request	
+ Payment Type Information	
+ Remittance Information	



Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – 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 point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction. This field has to be filled, but is not relevant for the processing in CLM.
	Required format: up to 35 characters
End To End ID*	This field requires the initiating party to enter the end-to-end identification to identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction.



	DIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION TRANSFER TRANSACTION INFORMATION – PAYMENT ID*
	If no end-to-end identification was provided by the debtor, it is recommended to fill this field with 'NOTPROVIDED'. This field has to be filled, but is not relevant for the processing in CLM. Default value: 'NOTPROVIDED' Required format: up to 35 characters
UETR (Generated)	 This field offers the possibility to enter a unique end-to-end reference of the payment transaction. If the user does not fill this field, a random UETR is generated when the corresponding message is submitted. Required format: 36 characters – up to 32 hexadecimal characters separated by hyphens as follows: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxx Character formats: x - any lowercase hexadecimal character y - either: 8, 9, a, b

- EINANCIAL INSTITU INSTITUTION CREDIT TRANSFER - NEW SCREEN

Table 93 - FICT - New Screen - Payment ID



Screenshot

	Business Application Header*		
	Financialinstitution Credit Transfer*		
	Credit Transfer Transaction Information*		
	tristructing Agent*		
	+ Debtor*	_	
	Instructed Agent*	_	
	Creditor*		
	+ Interbank Settlement*		
	+ Payment ID*		
	- Settlement Time Request		
	From Time	_	
	Fejed Time		
	HereIMMSS CEST 0		
	- Payment Type Information		
	Local Instrument		
	Code Proprietary		
1			
	+ Remittance information		



Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – SETTLEMENT TIME REQUEST

From Time	This field offers the possibility to enter an earliest debit time.
	The entered time must be before the cut-off time.
	The entered time must be before the 'Reject Time'.
	The user can enter the time manually or specify it by clicking on the clock button.
	Required format: HH-MM-SS
Reject Time	This field offers the possibility to enter a rejection time.
	The entered time must be after the 'From Time'.
	The user can enter the time manually or specify it by clicking on the clock button.
	Required format: HH-MM-SS

Table 94 - FICT - New Screen - Settlement Time Request



	DIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION RANSFER TRANSACTION INFORMATION – PAYMENT TYPE
	RMATION – LOCAL INSTRUMENT
Code	This field offers the possibility to enter a local instrument code.
	Bilaterally agreed codes or codes of external code sets can be used but will not be validated by CLM.
	This field and the field 'Proprietary' are mutually exclusive.
	Required format: up to 35 characters
Proprietary	This field offers the possibility to enter the local instrument in proprietary form.
	This field can be used to indicate a connected payment.
	In order to indicate a connected payment, the user has to
	enter a value according to the following pattern:
	I CONP/Amount
	If the code CONP is used, it has to be followed by an amount
	(example: CONP/100000.00). The entered amount represents the amount to which the credit line of the MCA is
	decreased/adjusted.
	Required format of 'Amount': decimal, up to 18 total digits
	including 0 to 2 fractional digits with a mandatory decimal point
	This field and the field 'Code' are mutually exclusive.
	Required format: up to 35 characters

Table 95 - FICT – New Screen – Payment Type Information – Local Instrument



Screenshot

= 🖂	New Financial Institution Credit Transfer	\$?	٠	ሮ
	Business Application Header*			
	FinancialInstitution Credit Transfer*	_		
	Credit Transfer Transaction Information*			
	+ Instructing Agent*			
	+ Debtor*			
	+ Instructed Agent*	_		
	+ Creditor*			
	+ Interback Settimment*			
	+ Payment ID*			
	+ Settlement Time Request	_		
	+ Payment Type Information			
	- Remittance Information	_		
	Unstructured	_		
		_		
Submit Rese	et Display Errors Collapse All Expand All			-

Figure 115 - FICT – New Screen – Remittance Information

Field Descriptions FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – REMITTANCE INFORMATION Unstructured This field offers the possibility to enter unstructured remittance information to enable the matching of an entry with the items that the payment order is intended to settle. Required format: up to 140 characters

Table 96 - FICT – New Screen – Remittance Information



Buttons

	DIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION REDIT TRANSFER – BUTTONS
Submit	The user can click on this button to submit the data for the creation of a task for the credit transfer order.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	After clicking on this button, the notification area shows whether the data submission was successful and whether a task could be created. In case of successful data submission, it also shows a task ID.
	References for error messages [▶ 566]:
	I E007
	I E018
	I E074
	I U039
	I U040
	I U041
	I U042
	I U044
	I U109
Reset	The user can click on this button to reset all fields to their default values.



FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION			
	CREDIT TRANSFER – BUTTONS		
Display Errors	The user can click on this button to highlight all dividers that contain front-end validation errors. Opening a highlighted divider shows which fields of the divider		
	have been filled incorrectly or need to be filled.		
Collapse All	The user can click on this button to close all sections of the screen. Closing all sections does not reset the input fields.		
Expand All	The user can click on this button to open all sections of the screen.		

Table 97 - FICT - New Screen - Buttons

5.1.24 A2A File or Message – Upload Screen

Context of Usage	This screen offers the possibility to upload A2A files or messages in a contingency situation.	
	This function can only be used in 4-eyes mode.	
	This screen is only available for operators and central bank users.	
Screen Access	This screen can be reached in the following way:	
	I Cash Transfer and Messages >> Upload A2A File or Message	
Privileges	To use this screen the following privilege is needed:	
	I CLM_UploadFileU2AContSit	
References	This screen is part of the following use case:	
	I Upload A2A file or message via U2A [▶ 497]	



Screenshot

≡ ⊠	Upload A2A File or Message			☆	?	٠	(
	ESMIG Information						
	Party Technical Address*	Technical Service Identification*	Business Sign DN*		-		
	Upload of A2A File or Message						
	+ choose						

Figure 116 - A2A File or Message – Upload Screen

Field Descriptions

A2A FILE OR MESSAGE – UPLOAD SCREEN – ESMIG INFORMATION		
Party Technical Address*	This field requires the user to enter the DN of the technical sender. Required format: up to 100 characters <u>References for error messages:</u> [▷ 538] I U074 I U120	
Technical Service Identification*	This field requires the user to enter the network service of the sender. Required format: up to 60 characters <u>References for error messages:</u> [> 538] I U121	
Business Sign DN*	This field requires the user to enter the certificate DN of the sending user (signer) of the file. Required format: up to 256 characters <u>References for error messages:</u> [▶ 538] I U120	

Table 98 - A2A File or Message – Upload Screen – ESMIG Information

A2A FILE OR MESSAGE – U	PLOAD SCREEN – UPLOAD OF A2A FILE OR MESSAGE
+ Choose	Clicking on this button opens a browser pop-up that allows the user to select an uncompressed UTF-8 text format, within a



A2A FILE OR MESSAGE – UPLOAD SCREEN – UPLOAD OF A2A FILE OR MESSAGE		
	'.txt' or an '.xml' file containing the message or file with the corresponding header.	
	The name and size of the selected file will be displayed below this button. The user can remove the selected file by clicking on the 'X' button.	
	Maximum file size: 32 MB <u>References for error messages:</u> [▶ 538] I U073	

Table 99 - A2A File or Message – Upload Screen – Upload of A2A File or Message

Buttons

A2A F	ILE OR MESSAGE – UPLOAD SCREEN – BUTTONS
Submit	The user can click on this button to submit the data.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	After clicking on this button, the notification area shows whether the data submission was successful and whether a task could be created. In case of successful data submission, it also shows a task ID.
	A second user has to confirm the submitted data by re- uploading the corresponding file on the <u>Task Queue – Details</u> <u>Screen</u> [> 385]. There is a check done by the system that the checksum of both files/messages are the same.
	References for error messages: [> 538]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U073
	I U074
	I U109
	I U120



A2A FILE OR MESSAGE – UPLOAD SCREEN – BUTTONS		
	I U121	
Reset	The user can click on this button to reset all fields to their default values.	
	Clicking on this button also removes the selected file in the section 'Upload of A2A File or Message'.	

Table 100 - A2A File or Message – Upload Screen – Buttons

5.2 Liquidity

5.2.1 Dashboard Liquidity Overview – Query Screen

Context ofThis screen offers the possibility to query exhaustive liquidity information of all accountsUsagein all services related to one or more parties ('Account Selection') or a group of accounts
('Account Monitoring Group' or 'Banking Group').

Depending on the access rights of the user querying the liquidity and depending on the services the respective party or group of account is using, the following information can be queried:

- I Balances of all accounts
- I Credit line on the MCAs
- I Value of the available collateral in T2S
- I Value of the outstanding auto-collateralization amount in T2S
- I Aggregate amount of pending credit and debit transactions for RTGS and CLM Account Holders

The result list can be filtered by the following attributes given on this screen and will be sorted by the selectable values:

- I Style Selection (only valid when having chosen 'Account Selection' or 'Account Monitoring Group')
- I Sort by (only valid when having chosen 'List View' and 'Account Selection' or 'Account Monitoring Group')
- I Sort Order (only valid when having chosen 'List View')
- I Grouped by (only valid when having chosen 'Dashboard View' and 'Account Selection' or 'Account Monitoring Group')

The liquidity information matching the data of the search fields is shown in one of the following screens depending on the chosen selection:

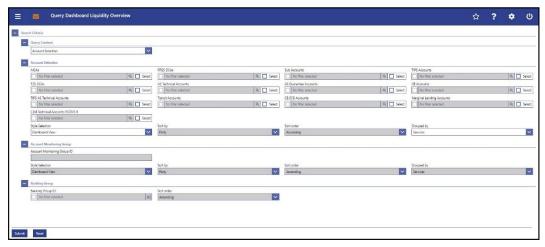


	I Dashboard Liquidity Overview Account Selection List View – Display Screen [246]
	I Dashboard Liquidity Overview AMG Selection List View – Display Screen [▶ 272]
	I <u>Available Liquidity on Banking Group Level – List Screen</u> [▶ 277]
	I <u>Detailed Available Liquidity on Banking Group Level – List Screen</u> [▶ 281]
	I Dashboard Liquidity Overview Account Selection grouped by Countries - Display
	<u>Screen</u> [▶ 200]
	I Dashboard Liquidity Overview Account Selection grouped by Parties - Display
	<u>Screen</u> [▶ 216]
	I Dashboard Liquidity Overview Account Selection grouped by Services – Display
	<u>Screen</u> [▶ 231]
	I Dashboard Liquidity Overview AMG Selection grouped by Countries – Display
	<u>Screen</u> [▶ 251]
	I Dashboard Liquidity Overview AMG Selection grouped by Parties – Display Screen
	[▶ 258]
	I Dashboard Liquidity Overview AMG Selection grouped by Services – Display
	<u>Screen</u> [▶ 265]
Screen Access	This screen can be reached in the following way:
	I Liquidity >> Dashboard Liquidity Overview – Query Screen
Privileges	To use this screen one of the following privileges is needed:
	I CLM_QueryAvaLiq
	I CLM_QueryLiqBanGroLev (This privilege is only required when requesting infor-
	mation on banking group level as a CB.)
References	This screen is part of the following use case:
	I Query and display cash account liquidity (dashboard) [▶ 499]

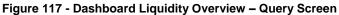
All rights reserved.



Screenshot



DASHBOARD LIQUIDITY OVERVIEW - QUERY SCREEN - QUERY CONTENT



Field Descriptions

Query Content	This field offers the possibility to search for specific content.
	Possible values:
	I Account Selection
	Account Monitoring Group
	I Banking Group
	The 'Banking Group' selection is only visible and selectable for a CB.
	If 'Account Selection' was chosen, all fields in the dividers 'Account Monitoring Group' and 'Banking Group' are only available in read-only mode.
	If 'Account Monitoring Group' was chosen, all fields in the dividers 'Account Selection' and 'Banking Group' are only available in read-only mode for a CB or the leader of the Account Monitoring Group (AMG).
	If 'Banking Group' was chosen, all fields in the dividers 'Account Selection' and 'Account Monitoring Group' are only available in read-only mode for a CB.

Table 101 - Dashboard Liquidity Overview – Query Screen – Query Content



DASHBOARD LIQUIDITY C	VERVIEW – QUERY SCREEN – ACCOUNT SELECTION
MCAs	This field offers the possibility to restrict the result list to all or some MCAs. To activate the selection, it is necessary to click on the checkbox 'Select'.
RTGS DCAs	This field offers the possibility to restrict the result list to all or some RTGS DCAs. To activate the selection, it is necessary to click on the checkbox 'Select'.
Sub-Accounts	This field offers the possibility to restrict the result list to all or some sub-accounts. To activate the selection, it is necessary to click on the checkbox 'Select'.
TIPS Accounts	This optional field offers the possibility to restrict the result list to all or some TIPS Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'.
T2S DCAs	This field offers the possibility to restrict the result list to all or some T2S DCAs. To activate the selection, it is necessary to click on the checkbox 'Select'.
AS Technical Accounts	 This field offers the possibility to restrict the result list to all or some AS Technical Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator CB
	I AS
AS Guarantee Accounts	 This field offers the possibility to restrict the result list to all or some AS Guarantee Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator CB AS
CB Accounts	This field offers the possibility to restrict the result list to all or some CB Accounts (valid for CLM CB Accounts and, RTGS CB Accounts and T2S CB Accounts{CR-143}). To activate the selection, it is necessary to click on the checkbox 'Select'.



DASHBOARD LIQUIDITY (OVERVIEW – QUERY SCREEN – ACCOUNT SELECTION
	This field is only visible for: I Operator I CB
TIPS AS Technical Accounts	 This field offers the possibility to restrict the result list to all or some TIPS AS Technical Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator CB AS
Transit Accounts	This field offers the possibility to restrict the result list to all or some Transit Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: I Operator I CB (as TAH)
CB ECB Accounts 28	This field offers the possibility to restrict the result list to all or some CB ECB Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: I Operator I CB
ECB Mirror Accounts ²⁹	 This field offers the possibility to restrict the result list to all or some ECB Mirror Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator ECB
Marginal Lending Accounts 30	This field offers the possibility to restrict the result list to all or

Account type only relevant for users with party operating in EUR

29 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW – QUERY SCREEN – ACCOUNT SELECTION		
	 some Marginal Lending Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator CB PB 	
Overnight Deposit Accounts ³¹	 This field offers the possibility to restrict the result list to all or some Overnight Deposit Accounts. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: Operator AS{CR-143} CB PB 	
CLM Technical Accounts ECONS II	This field offers the possibility to restrict the result list to all or some CLM Technical Accounts ECONS II. To activate the selection, it is necessary to click on the checkbox 'Select'. This field is only visible for: I Operator I CB	
Style Selection	This field offers the possibility to select the style which is to be used to sort the elements in the result list. Possible values: I Dashboard View I List View Default value: 'Dashboard View'	

³⁰ Account type only relevant for users with party operating in EUR

³¹ Account type only relevant for users with party operating in EUR



Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list when having chosen the 'List View' selection. Possible values: I Party I Country I Service
	Default value: 'Party'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list when having chosen the 'List View' selection. Possible values: Ascending Descending Default value: 'Ascending'
Grouped By	This field offers the possibility to select a group category which is to be used to sort the elements in the result list when having chosen the 'Dashboard View' selection. Possible values: I Services I Parties I Countries Default value: 'Services'

DASHBOARD LIQUIDITY OVERVIEW - QUERY SCREEN - ACCOUNT SELECTION

Table 102 - Dashboard Liquidity Overview – Query Screen – Account Selection

DASHBOARD LIQUIDITY OVERVIEW – QUERY SCREEN – ACCOUNT MONITORING GROUP					
Account Monitoring Group ID	This field offers the possibility to enter a specific Account Monitoring Group ID. If the user leaves the field empty, all Account Monitoring Group IDs within his data scope are shown.				
Style Selection	This field offers the possibility to select the style which is to be used to sort the elements in the result list.				



DASHBOARD LIQUIDITY OVER	VIEW – QUERY SCREEN – ACCOUNT MONITORING GROUP
	Possible values:
	I Dashboard View
	I List View
	Default value: 'Dashboard View'
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list when having chosen the 'List View' selection.
	Possible values:
	I Party
	I Country
	I Service
	I AMG-ID
	Default value: 'Party'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list when having chosen the 'List View' selection. Possible values:
	I Descending
	Default value: 'Ascending'
Grouped By	This field offers the possibility to select a group category which is to be used to sort the elements in the result list when having chosen the 'Dashboard View' selection.
	Possible values:
	I Services
	I Parties
	I Countries
	Default value: 'Services'

Table 103 - Dashboard Liquidity Overview – Query Screen – Account Monitoring Group



DASHBOARD LIQUIDITY OVERVIEW – QUERY SCREEN – BANKING GROUP

This section is only visible for operators and CB users.

Banking Group ID	This field offers the possibility to restrict the result list to all or some banking groups within the data scope of the user. The user can either enter a complete or partial Banking Group ID or can select one or more of the given Banking Group IDs.
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending Default value: 'Ascending'

Table 104 - Dashboard Liquidity Overview – Query Screen – Banking Group



Buttons

DASHBOARD LIQU	DITY OVERVIEW – QUERY SCREEN – BUTTONS		
DASHBOARD LIQU	 IDITY OVERVIEW – QUERY SCREEN – BUTTONS The user can click on this button to query exhaustive liquidity information matching the entered criteria. The result list will be displayed in one of the following screens depending on the chosen selection: Dashboard Liquidity Overview Account Selection List View– Display Screen [* 246] Dashboard Liquidity Overview AMG Selection List View– Display Screen [* 272] 		
	 I Available Liquidity on Banking Group – List Screen [* 277] I Detailed Available Liquidity on Banking Group – List Screen [* 281] I Dashboard Liquidity Overview Account Selection grouped by Countries – Display Screen [* 200] I Dashboard Liquidity Overview Account Selection grouped by Parties – Display Screen [* 216] 		
	 Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen [> 231] Dashboard Liquidity Overview AMG Selection grouped by Countries – Display Screen [> 251] Dashboard Liquidity Overview AMG Selection grouped by Parties – Display Screen [> 258] 		
Reset	 I Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen [* 265] The user can click on this button to reset all fields to their default values. 		

Table 105 - Dashboard Liquidity Overview – Query Screen – Buttons

5.2.2 Dashboard Liquidity Overview Account Selection grouped by Countries – Display Screen

Context ofThis screen displays aggregated liquidity information related to cash accounts in one orUsagemore countries meeting a defined set of criteria. These criteria were defined on the
Dashboard Liquidity Overview – Query Screen [▶ 191].

- **Screen Access** This screen can be reached in the following way:
 - I Liquidity >> Dashboard Liquidity Overview Query Screen [Submit]



Privileges	To use this screen the following privilege is needed:			
	I CLM_QueryAvaLiq			
References	This screen is part of the following use case:			
	I Query and display cash account liquidity (dashboard) [▶ 499]			



Liquidity

Screenshot

	Display Dashboard Liquidity Overview Account Selection grouped by Countries Darboard Liquidy Overview			Ľ	7	? :	•	ወ
+ Search Criteria				Last Refresh: 20	22-06-20 1	A17-63 CEC	T Defrect	-
- GR		236,665,450.02 EUR	Aggregated View	and remain as				1
Liquidity Infon	malion CLM RPBADGRATID0001		Liquidity in GR Liquidity Overall				5,450.02 E	_
0	v Bruck Mindow V urrent Balance redit Line	45,000,000.00 EUR	Current Liquidity Overall			236,665	5,450.02 E	R
A	elzure of Funds valilable Liquidity	0.00 EUR 45,000,000.00 EUR						
Q	ueued Debit Cash Transfer Orders ueued Credit Cash Transfer Orders armarkad Debit Cash Transfer Orders	0.00 EUR 0.00 EUR 0.00 EUR						
	ermanked Gredit Cash Transfer Orders rojected LiquidRy	0.00 EUR 45,000,000.00 EUR						
	RPBACGRATIDO01	36,000,000.00 EUR						
c	and the second	0.00 EUR 0.00 EUR						
q	wailable Liquidity useed Debit Cash Transfer Orders uwaid Credit Cash Transfer Orders	36.000.000.00 EUR						
D.	wmarked Debit Cash Thansfer Orders wmarked Credit Cash Thansfer Orders	0.00 EUR 0.00 EUR						

Figure 118 - Dashboard Liquidity Overview Account Sel. grouped by Countries – Display Screen – part 1

	Display Dashboard Liquidity Overview Account Sele Query Dashboard Liquidry Overview	ection grouped by Countries
	Projected Liquidity	36,000,000.00 EUR
+ M	MGREURP BABGRATXXXX01	
+ M	MGREURPBAAGRAT300X01	
+ M	MGREURP BAAGRAT200X02	
+ B(GREURCBXXGRD0300X03	
+ B0	3GREURCBXXXGRD0XXX02	
+ 10	GREURCBGRD0XXX02	
+ M	MGREURASABGRATXXXX01	
+ M	MGREURASAAGRATXXX01	
Liquidity	ty Information RTG5	
- R	RGREURPBAAGRAT00002	
	Current Balance	24,000,000.00 EUR
	Queued Debit Cash Transfer Orders	0.00 EUR
	Queued Credit Cash Transfer Orders	0.00 EUR
	Earmarked Debit Cash Transfer Orders	0.00 EUR
	Earmarked Credit Cash Transfer Orders	0.00 EUR
	Projected Liquidity	24,000,000.00 EUR
- R6	RGREURPBADGRATIOCK01	
	Current Balance	48,000,000.00 EUR
	Queued Debit Cash Transfer Orders	0.00 EUR
	Queued Credit Cash Transfer Orders Earmarked Debit Cash Transfer Orders	0.00 EUR 0.00 EUR

Figure 119 - Dashboard Liquidity Overview Account Sel. grouped by Countries – Display Screen – part 2

48,000,000.00 EUR
83,800,000.00 EUR
55,000,000.00 EUR
0.00 EUR

Figure 120 - Dashboard Liquidity Overview Account Sel. grouped by Countries – Display Screen – part 3



Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Dashboard Liquidity Overview – Query Screen</u> [▶ 191]. Moreover all described fields are subject to repetition in case multiple accounts or countries are shown and within the data scope of the user.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM

(MCA number) Information	This row shows the account sumber of the CLMMCA			
(MCA number) Information	This row shows the account number of the CLM MCA.			
Current Balance	This row shows the current balance of the MCA.			
Credit Line	This row shows the credit line of the default MCA.			
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA.			
Available Liquidity	This row shows the available liquidity on the MCA.			
	It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.			
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA.			
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA.			
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA.			
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the MCA.			
Projected Liquidity	This row shows the projected liquidity of the MCA that will be available, if all queued and earmarked transactions are settled.			
	It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.			
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer			



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM orders of the future. (CB Account This row shows the account number of the CLM CB Account. number) Information **Current Balance** This row shows the current balance of the CLM CB Account. Queued Debit Cash Transfer This row shows the sum of all queued debit cash transfer Orders orders related to the CLM CB Account. Queued Credit Cash Transfer This row shows the sum of all queued credit cash transfer Orders orders related to the CLM CB Account. Earmarked Debit Cash Transfer This row shows the sum of all earmarked debit cash transfer Orders orders related to the CLM CB Account. Earmarked Credit Cash Transfer This row shows the sum of all earmarked credit cash transfer Orders orders related to the CLM CB Account. **Projected Liquidity** This row shows the projected liquidity of the CLM CB Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future. (Transit This row shows the account number of the Transit Account. Account number) Information Current Balance This row shows the current balance of the Transit Account. Queued Debit Cash Transfer This row shows the sum of all queued debit cash transfer Orders orders related to the Transit Account. Queued Credit Cash Transfer This row shows the sum of all queued credit cash transfer

Orders

orders related to the Transit Account.



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM				
	This row shows the sum of all earmarked debit cash transfer orders related to the Transit Account.			
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Transit Account.			
Projected Liquidity	This row shows the projected liquidity of the Transit Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.			
(Marginal Lending Account ³² number) Information	This row shows the account number of the Marginal Lending Account.			
Current Balance	This row shows the current balance of the Marginal Lending Account ³³ .			
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Marginal Lending Account ³⁴ .			
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Marginal Lending Account ³⁵ .			
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Marginal Lending Account ³⁶ .			

- 32 Account type only relevant for users with party operating in EUR
- 33 Account type only relevant for users with party operating in EUR
- 34 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 35
- 36 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM				
DISPERT SCREEN - RESUL				
Earmarked Credit Cash Transfer	This row shows the sum of all earmarked credit cash transfe			
Orders	orders related to the Marginal Lending Account ³⁷ .			
Projected Liquidity	This row shows the projected liquidity of the Marginal Lending Account ³⁸ that will be available, if all queued and earmarked transactions are settled.			
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.			
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.			
(Overnight Deposit Account ³⁹ number) Information	This row shows the account number of the Overnight Deposi Account.			
Current Balance	This row shows the current balance of the Overnight Deposi Account ⁴⁰ .			
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Overnight Deposit Account ⁴¹ .			
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transferorders related to the Overnight Deposit Account ⁴² .			
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfe orders related to the Overnight Deposit Account ⁴³ .			

- 37 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 38
- 39 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 40
- 41 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 42
- 43 Account type only relevant for users with party operating in EUR



	TS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Overnight Deposit Account ⁴⁴ .	
Projected Liquidity	 This row shows the projected liquidity of the Overnight Deposit Account ⁴⁵ that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future. 	
(CB ECB Account ⁴⁶ number) Information	This row shows the account number of the CB ECB Account.	
Current Balance	This row shows the current balance of the CB ECB Account ⁴⁷ .	
(ECB Mirror Account ⁴⁸ number) Information	This row shows the account number of the ECB Mirror Account. This entry is only visible for: I Operator ECB	

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES

- 44 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 45
- 46 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 47
- 48 Account type only relevant for users with party operating in EUR



DISPLAY SCREEN – RESUL	TS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM
Current Balance	This row shows the current balance of the ECB Mirror Account ⁴⁹ .
	This entry is only visible for:
	I Operator
	I ECB
(CLM Technical Account ECONS II number) Information	This row shows the account number of the CLM Technical Account ECONS II.
	This entry is only visible for:
	I Operator
	I CB
Current Balance	This row shows the current balance of the CLM Technical Account ECONS II.
	This entry is only visible for:
	I Operator
	I CB

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -

Table 106 - Dashboard Liq. Overview Acc. Selection grouped by countries – Liquidity Information CLM

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS

(RTGS DCA numb Information	er) This row shows the account number of the RTGS DCA.
Current Balance	This row shows the current balance of the RTGS DCA.
Queued Debit Cash Trans Orders	fer This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA.
Queued Credit Cash Trans Orders	fer This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA.
Earmarked Debit Cash Trans Orders	fer This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA.

⁴⁹ Account type only relevant for users with party operating in EUR



	VIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – S – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA.
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS Sub Account number) Information	This row shows the account number of the RTGS sub- account.
Current Balance	This row shows the current balance of the RTGS sub-account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS sub-account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account.
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS		
	Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(RTGS AS Technical Account number) Information	This row shows the account number of the RTGS AS Technical Account.	
Current Balance	This row shows the current balance of the RTGS AS Technical Account.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS AS Technical Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS AS Technical Account.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS AS Technical Account.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS AS Technical Account.	
Projected Liquidity	This row shows the projected liquidity of the RTGS AS Technical Account that will be available, if all queued and earmarked transactions are settled.	
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(RTGS AS Guarantee Account number) Information	This row shows the account number of the RTGS Guarantee Account.	
Current Balance	This row shows the current balance of the RTGS Guarantee Account.	



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS

DISPLAY SCREEN – RESULT	S – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS Guarantee Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS Guarantee Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS Guarantee Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS Guarantee Account.
Projected Liquidity	This row shows the projected liquidity of the RTGS Guarantee Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(CB Account number) Information	This column shows the account number of the RTGS CB Account.
Current Balance	This row shows the current balance of the RTGS CB Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS CB Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS CB Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS CB Account.
Earmarked Credit Cash Transfer Orders	This column shows the sum of all earmarked credit cash transfer orders related to the RTGS CB Account.



	rs – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS
Projected Liquidity	This row shows the projected liquidity of the RTGS CB Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS Transit Account number) Information	This row shows the account number of the Transit Account.
Current Balance	This row shows the current balance of the RTGS Transit Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS Transit Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS Transit Account.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -

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DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -	
DISPLAY SCREEN – RESULT	S – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS Transit Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS Transit Account.
Projected Liquidity	This row shows the projected liquidity of the Transit Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.

Table 107 - Dashboard Liq. Overview Acc. Selection grouped by Countries – Liquidity Info. RTGS

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -
DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION TIPS

(TIPS Informatio	Account	number)	This row shows the account number of the TIPS Account.
Current B	alance		This row shows the current balance of the TIPS Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
`	S Technical	Account	This row shows the account number of the TIPS AS Technical Account.



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES – DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION TIPS	
Current Balance	This row shows the current balance of the TIPS AS Technical Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
(TIPS Transit Account number) Information	This row shows the account number of the TIPS Transit Account. This entry is only visible for: I CB (as TAH)
Current Balance	This row shows the current balance of the TIPS Transit Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)

Table 108 - Dashboard Liq. Overview Acc. Selection grouped by Countries – Liquidity Information TIPS

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -		
DISPLAY SCREEN – RESUL	TS – (COUNTRY CODE) – LIQUIDITY INFORMATION T2S	
(T2S DCA number) Information	This row shows the account number of the T2S DCA.	
Current Balance	This row shows the current balance of the T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.	
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).	



DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION T2S	
Value of the Outstanding Auto-	This row shows the amount of outstanding auto-collateral in
Collateralisation Amount in T2S	T2S. When the liquidity information query for at least one
	account located in T2S fails, then for every account located in
	T2S the value 'Not available' is shown. During the CRDM data
	replication on T2S settlement tables the value shown in this
	row refers to the previous business day (value for the row as
	provided by T2S to T2).
(T2S Transit Account number)	This row shows the account number of the Transit Account.
Information	This entry is only visible for:
	I CB (as TAH)
Current Balance	This row shows the current balance of the Transit Account.
	When the liquidity information query for at least one account
	located in T2S fails, then for every account located in T2S the
	value 'Not available' is shown.
	This entry is only visible for:
	I CB (as TAH)

ASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIE

Table 109 - Dashboard Liq. Overview Acc. Selection grouped by Countries - Liquidity Information T2S

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES -DISPLAY SCREEN - RESULTS - (COUNTRY CODE) - AGGREGATED VIEW

Liquidity in (Country Code)	This row shows the total amount of liquidity related to the selected cash accounts belonging to one specific country code.
	The following account types are excluded from the calculation of the aggregated liquidity position: CB ECB Account ⁵⁰ , ECB Mirror Account ⁵¹ and CLM Technical Account for ECONS II. For each requested country code, a separate row will be shown. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

Account type only relevant for users with party operating in EUR 50

⁵¹ Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY COUNTRIES –	
DISPLAY SCREEN – RESULTS – (COUNTRY CODE) – AGGREGATED VIEW	
Liquidity Overall	This row shows the liquidity of the selected accounts related to all displayed country codes. It consists of the sum of 'Liquidity in (Country Code)'. When
	the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Current Liquidity Overall	This row shows the current liquidity of the selected accounts related to all displayed country codes.
	It consists of 'Liquidity Overall' reduced by the sum of 'Credit Line'. When the liquidity information query for at least one
	account located in TIPS or T2S fails, then the value 'Not available' is shown.

Table 110 - Dashboard Liq. Overview Acc. Selection grouped by Countries - Aggregated View

5.2.3 Dashboard Liquidity Overview Account Selection grouped by Parties - Display Screen

- Context of This screen displays aggregated liquidity information per account related to one or more parties meeting a defined set of criteria. These criteria were defined on the Dashboard Usage Liquidity Overview – Query Screen [▶ 191].
- **Screen Access** This screen can be reached in the following way:
 - Т Liquidity >> Dashboard Liquidity Overview - Query Screen [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - CLM_QueryAvaLiq
- References This screen is part of the following use case:
 - Query and display cash account liquidity (dashboard) [499]



Screenshot

E Display Dashboard Liquidity Overview Account Selection grouped by Parties Carry Sentoned Liquidg Onrine - Daping Deribard Liquidg Derim Account Senton graped by Counting		ion grouped by Countries	ት ? 💠 ୯
+ Search Criteria			
Ensuits			Last Refresh: 2023-06-29 14:31:36 CEST Refresh
- ASAAGRATXXX	0.00 EUR	Aggregated View	
Liquidity Information CLM		Liquidity in ASAAGRATIOOX	0.00 EUR
		Liquidity in ASABGRATIOOX	0.00 EUR
- MGREURASAAGRAT20001		Liquidity in ASACGRATIOOX	0.00 EUR
Current Balance	0.00 EUR	Liquidity in ASADGRATIOOC	0.00 EUR
Credit Line	0.00 EUR	Liquidity in ASAEGRATIOOX	0.00 EUR
Seizure of Funds	0.00 EUR	Liquidity in CB005RD00000	-1,029,114,500.00 EUR
Available Liquidity	0.00 EUR	Liquidity in PBAAGRATXXX	501,310,927.52 EUR
Queued Debit Cash Transfer Orders	0.00 EUR	Liquidity in PBABGRATIOOX	565,323,000.00 EUR
Queued Credit Cash Transfer Orders	0.00 EUR	Liquidity in PBACGRATIOCC	106,146,022.50 EUR
Earmarked Debit Cash Transfer Orders	0.00 EUR	Liquidity in PBADGRATXXX	93,000,000.00 EUR
Earmarked Credit Cash Transfer Orders	0.00 EUR	Liquidity Overall	236,665,450.02 EUR
Projected Liquidity	0.00 EUR	Current Liquidity Overall	236.665.450.02 EUR
Liquidity Information RTGS			
- RGREURASAAGRATOO001			
Current Balance	0.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	0.00 EUR		
= TGREURASAAGRATDOOD1			
Current Balance	0.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		

Figure 121 - Dashboard Liquidity Overview Account Sel. grouped by Parties – Display Screen – part 1

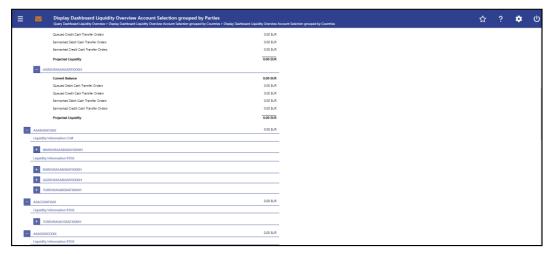


Figure 122 - Dashboard Liquidity Overview Account Sel. grouped by Parties – Display Screen – part 2

Display Dashboard Liquidity Overview Account S Query Dashboard Liquidty Overview > Display Dashboard Liquidity Overview	election grouped by Parties A Accourt Selection grouped by Countries > Deploy Darboard Liquidity Overview Accourt Selection grouped by Countries	☆	٥	
+ TGREURASADGRATX0001				
ASAEGRATXOX	0.00 EUR			
Liquidity Information RTGS				
+ TGREURASAEGRATX00091				
CB30KGRD 0000K	-1,029,114,500,00 EUR			
Liquidity Information CLM				
+ BGREURCBJOIGRD0300083				
+ BGREURCB300GRD0300082				
+ LGREURCEGRD000002				
Liquidity Information RTGS				
+ FGREURCEXXGRD0X0001				
PBAAGRATXOOL	501,310,927.52 EUR			
Liquidity Information CLM				
4 MGREURPBAAGRATDO001				
+ MGREURPBAAGRATX0002				
Liquidity Information RTGS				
+ RGREURPBAAGRATDO002				
+ RGREURPBAAGRATX0001				
+ UGREURPBAAGRATX0001				
Liquidity Information TIPS				
- IGREURPBAAGRATX0001				

Figure 123 - Dashboard Liquidity Overview Account Sel. grouped by Parties – Display Screen – part 3



Liquidity

Display Dashboard Liquidity Overview Account Selection grouped by Parties Query Debboard Liquidity Overview Account Selection grouped by Countries Display Debboard Liquidity Overview Account Selection grouped by Countries	
Ry Information TIPS	
iGREUIPBAAGIADOOB1	
Current Balance E3,800,000.00 EUR	
Japadity Information T25	
- CGRUMPBAAGAXXXXXII	
Current Balance \$5,000,000.00 EUR	
Value of the Available Collateral in T25 0.00 EUR	
Value of the Cutstanding Auto-Collateralisation Amount in T2S 0.00 EUR	
NAMGRATIOX 565.321,000.00 EUR_	
iquidity Information CIM	
+ MGRURPUABGRATOOD1	
Japaidly Information CLM	
+ MGRURPIACGRADOOD1	
iquidity Information 8765	
RGRUNPIACGRATDOOD1	
NADGRATICK 93 000,000 DEUR	
iquidity Information CLM	
MGRUUPHADGIATIO001	
Iquidity Information 8765	
ROPELIDPEADGRATX000P	

Figure 124 - Dashboard Liquidity Overview Account Sel. grouped by Parties – Display Screen – part 4

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Dashboard Liquidity Overview – Query Screen</u> [▶ 191].

Moreover all described fields are subject to repetition in case multiple accounts or parties are shown and within the data scope of the user.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM

(MCA number) Information	This row shows the account number of the CLM MCA.
Current Balance	This row shows the current balance of the MCA.
Credit Line	This row shows the credit line of the default MCA.
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA.
Available Liquidity	This row shows the available liquidity on the MCA. It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA.
Earmarked Credit Cash Transfer	This row shows the sum of all earmarked credit cash transfer



PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION CLM
Orders	orders related to the MCA.
Projected Liquidity	This row shows the projected liquidity of the MCA that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(CB Account number) Information	This row shows the account number of the CLM CB Account.
Current Balance	This row shows the current balance of the CLM CB Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the CLM CB Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the CLM CB Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the CLM CB Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the CLM CB Account.
Projected Liquidity	This row shows the projected liquidity of the CLM CB Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM



	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- - RESULTS – LIQUIDITY INFORMATION CLM
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(Transit Account number) Information	This row shows the account number of the Transit Account.
Current Balance	This row shows the current balance of the Transit Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Transit Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Transit Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Transit Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Transit Account.
Projected Liquidity	This row shows the projected liquidity of the Transit Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(Marginal Lending Account ⁵² number) Information	This row shows the account number of the Marginal Lending Account.
Current Balance	This row shows the current balance of the Marginal Lending Account ⁵³ .

52 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-		
PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION CLM	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Marginal Lending Account ⁵⁴ .	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Marginal Lending Account ⁵⁵ .	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Marginal Lending Account ⁵⁶ .	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Marginal Lending Account ⁵⁷ .	
Projected Liquidity	This row shows the projected liquidity of the Marginal Lending Account ⁵⁸ that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(Overnight Deposit Account ⁵⁹ number) Information	This row shows the account number of the Overnight Deposit Account.	
Current Balance	This row shows the current balance of the Overnight Deposit Account ⁶⁰ .	

ASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES -PIS

- Account type only relevant for users with party operating in EUR 54
- Account type only relevant for users with party operating in EUR 55
- 56 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 57
- 58 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 59

⁵³ Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-		
PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION CLM	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Overnight Deposit Account ⁶¹ .	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Overnight Deposit Account ⁶² .	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Overnight Deposit Account ⁶³ .	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Overnight Deposit Account ⁶⁴ .	
Projected Liquidity	This row shows the projected liquidity of the Overnight Deposit Account ⁶⁵ that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(CB ECB Account ⁶⁶ number) Information	This row shows the account number of the CB ECB Account.	
Current Balance	This row shows the current balance of the CB ECB Account ⁶⁷ .	

- 60 Account type only relevant for users with party operating in EUR
- 61 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 62
- 63 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 64
- 65 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 66
- 67 Account type only relevant for users with party operating in EUR



PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION CLM
(ECB Mirror Account ⁶⁸ number) Information	This row shows the account number of the ECB Mirror Account.
	This entry is only visible for:
	I Operator
	I ECB
Current Balance	This row shows the current balance of the ECB Mirror Account ⁶⁹ .
	This entry is only visible for:
	I Operator
	I ECB
(CLM Technical Account ECONS II number) Information	This row shows the account number of the CLM Technical Account ECONS II.
	This entry is only visible for:
	I Operator
	I CB
Current Balance	This row shows the current balance of the CLM Technical Account ECONS II.
	This entry is only visible for:
	I Operator
	I CB

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM

Table 111 - Dashboard Liq. Overview Acc. Selection grouped by Parties – Liquidity Information CLM

DASHBOA			VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- RESULTS – LIQUIDITY INFORMATION RTGS
(RTGS Information	DCA	number)	This row shows the account number of the RTGS DCA.
Current Bal	ance		This row shows the current balance of the RTGS DCA.

⁶⁸ Account type only relevant for users with party operating in EUR

⁶⁹ Account type only relevant for users with party operating in EUR



	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- RESULTS – LIQUIDITY INFORMATION RTGS
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA.
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS Sub Account number) Information	This row shows the account number of the RTGS sub-account.
Current Balance	This row shows the current balance of the RTGS sub-account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS sub-account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account.



	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- RESULTS – LIQUIDITY INFORMATION RTGS
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS AS Technical Account number) Information	This row shows the account number of the RTGS AS Technical Account.
Current Balance	This row shows the current balance of the RTGS AS Technical Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS AS Technical Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS AS Technical Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS AS Technical Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS AS Technical Account.
Projected Liquidity	This row shows the projected liquidity of the RTGS AS Technical Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.



	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- RESULTS – LIQUIDITY INFORMATION RTGS
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS AS Guarantee Account number) Information	This row shows the account number of the RTGS Guarantee Account.
Current Balance	This row shows the current balance of the RTGS Guarantee Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS Guarantee Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS Guarantee Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS Guarantee Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS Guarantee Account.
Projected Liquidity	This row shows the projected liquidity of the RTGS Guarantee Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions'
	reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(CB Account number) Information	This row shows the account number of the RTGS CB Account.
Current Balance	This row shows the current balance of the RTGS CB Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS CB Account.



DASHBOARD LIQUIDITY OVER	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-
PLAY SCREEN -	RESULTS – LIQUIDITY INFORMATION RTGS
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS CB Account.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS CB Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS CB Account.
Projected Liquidity	This row shows the projected liquidity of the RTGS CB Account that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS Transit Account number) Information	This row shows the account number of the Transit Account.
Current Balance	This row shows the current balance of the Transit Account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Transit Account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Transit Account.



DASHBOARD LIQUIDITY OVER	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-
PLAY SCREEN -	RESULTS – LIQUIDITY INFORMATION RTGS
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Transit Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Transit Account.
Projected Liquidity	This row shows the projected liquidity of the Transit Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.

Table 112 - Dashboard Liq. Overview Acc. Selection grouped by Parties – Liquidity Information RTGS

DASHBOARD LIQUIDITY OVER	VIEW ACCOUNT SELECTION GROUPED BY PARTIES - DIS-
PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION TIPS
(TIPS Account number) Information	This row shows the account number of the TIPS Account.
Current Balance	This row shows the current balance of the TIPS Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
(TIPS AS Technical Account Information number) Information	This row shows the account number of the TIPS AS Technical Account.



DASHBOARD LIQUIDITY OVER	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS-
PLAY SCREEN -	- RESULTS – LIQUIDITY INFORMATION TIPS
Current Balance	This row shows the current balance of the TIPS AS Technical Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
(TIPS Transit Account number) Information	This row shows the account number of the TIPS Transit Account This entry is only visible for: I CB (as TAH)
Current Balance	This row shows the current balance of the TIPS Transit Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)

Table 113 - Dashboard Liq. Overview Acc. Selection grouped by Parties – Liquidity Information TIPS

	VIEW ACCOUNT SELECTION GROUPED BY PARTIES – DIS- – RESULTS – LIQUIDITY INFORMATION T2S
(T2S DCA number) Information	This row shows the account number of the T2S account.
Current Balance	This row shows the current balance of the T2S account. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).



	- RESULTS – LIQUIDITY INFORMATION T2S
TEATOOREEN	
Value of the Outstanding Auto- Collateralisation Amount in T2S	This row shows the amount of outstanding auto-collateral in T2S. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).
(T2S Transit Account number) Information	This row shows the account number of the Transit Account. This entry is only visible for: I CB (as TAH)
Current Balance	This row shows the current balance of the Transit Account. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES nie

Table 114 - Dashboard Liq. Overview Acc. Selection grouped by Parties – Liquidity Information T2S

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES - DIS-PLAY SCREEN - RESULTS - AGGREGATED VIEW

Liquidity (Party BIC)	This row shows the total amount of liquidity related to the selected cash accounts belonging to one specific party.
	The following account types are excluded from the calculation of the aggregated liquidity position: CB ECB Account ⁷⁰ , ECB Mirror Account ⁷¹ and CLM Technical Account for ECONS II.
	For each party, a separate row will be shown.
	When the liquidity information query for at least one account
	located in TIPS or T2S fails, then the value 'Not available' is
	shown.

⁷⁰ Account type only relevant for users with party operating in EUR

⁷¹ Account type only relevant for users with party operating in EUR



	EEN – RESULTS – AGGREGATED VIEW
Liquidity Overall	This row shows the liquidity of the selected accounts related to all displayed parties. It consists of the sum of 'Liquidity (Party BIC)'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Current Liquidity Overall	This row shows the current liquidity of the selected accounts related to all displayed parties. It consists of 'Liquidity Overall' reduced by the sum of 'Credit Line'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY PARTIES - DIS-

Table 115 - Dashboard Liq. Overview Acc. Selection grouped by Parties – Aggregated View

5.2.4 Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen

Context of Usage	This screen displays aggregated liquidity information related to cash accounts in one or more services meeting a defined set of criteria. These criteria were defined on the Dashboard Liquidity Overview – Query Screen [▶ 191].
Screen Access	This screen can be reached in the following way:
	I Liquidity >> Dashboard Liquidity Overview – Query Screen [Submit]
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryAvaLiq
References	This screen is part of the following use case:

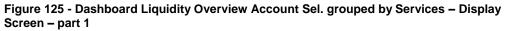
Query and display cash account liquidity (dashboard) [> 499] I



Liquidity

Screenshot

Display Dashboard Liquidity Overview Account Selection grouped by Services Guery Dashboard Liquidity Overview			☆ ? ✿
anch Criteria			
sults			Last Refresh: 2023-06-29 15:05:22 CEST
CLM	42,594,429.02 BUR	Aggregated View	
Liquidity Information CLM		Available Liquidity in CLM	42,594,429
-		Liquidity in RTGS	55.271.021
- MGREURPBADGRATX0001		Liquidity in T25	55,000,000
Current Balance	45,000,000.00 EUR	Liquidity in TIPS	83,800,000
Credit Line Seizure of Runds	0.00 EUR 0.00 EUR	Liquidity Overall	236,665,450
		Current Liquidity Overall	236,665,450
Available Liquidity	45,000,000.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmanked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	45,000,000.00 EUR		
MGREURPBACGRATX00/01			
Current Balance	36,000,000.00 EUR		
Credit Line	0.00 EUR		
Seizure of Funds	0.00 EUR		
Available Liquidity	36,000,000.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	36,000,000.00 EUR		
- MGREURPBABGRATX00001			



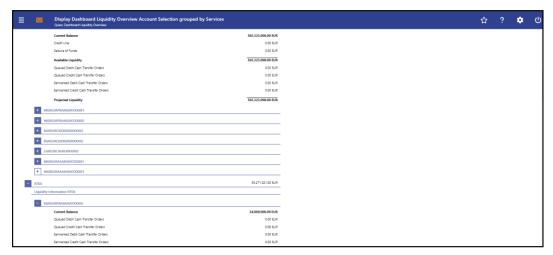


Figure 126 - Dashboard Liquidity Overview Account Sel. grouped by Services – Display Screen – part 2

	Display Dashboard Liquidity Overview Account Selectio	on grouped by Services
	Projected Liquidity	24,000,000.00 EUR
- 8	RGREURPBADGRATDOOD1	
	Current Balance	48,000,000.00 EUR
	Queued Debit Cash Transfer Orders	0.00 EUR
	Queued Credit Cash Transfer Orders	0.00 EUR
	Earmarked Debit Cash Transfer Orders	0.00 EUR
	Earmarked Credit Cash Transfer Orders	0.00 EUR
	Projected Liquidity	48,000,000.00 EUR
+ 8	RGREURPBACGRATXXXX01	
	GREURCEXXGRD0XXX81	
+ 8	RGREURPBAAGRATXXXXII	
+ 0	JGREURPBAAGRAT30001	
+ 1	rgREURASAEGRATDOOD1	
+ 8	RGREURASAAGRATX0001	
+ 8	IGREURASABIGRATX00001	
+ 1	IGREURASAD GRATXXXXX	
+ n	IGREURASACGRATXXX01	
+ 6	SGREURASABGRATXXXXIII	
+ 1	IGREURASABGRATX00001	
- 1	IGREURASAAGRADOOID1	
	Current Balance	0.00 EUR
	Queued Debit Cash Transfer Orders	0.00 EUR
	Queued Credit Cash Transfer Orders	0.00 EUR

Figure 127 - Dashboard Liquidity Overview Account Sel. grouped by Services – Display Screen – part 3



Liquidity

Display Dashboard Liquidity Overview Account Selection grouped by Se Query Darboard Liquidity Overview	rvices
- TGREURASAAGRATX0001	
Current Balance	0.00 EUR
Queued Debit Cash Transfer Orders	0.00 EUR
Queued Credit Cash Transfer Orders	0.00 EUR
Earmarked Debit Cash Transfer Orders	0.00 EUR
Earmarked Credit Cash Transfer Orders	0.00 EUR
Projected Liquidity	0.00 EUR
GGREURASAAGRATX0001	
Current Balance	0.00 EUR
Queued Debit Cash Transfer Orders	0.00 EUR
Queued Credit Cash Transfer Orders	0.00 EUR
Earmarked Debit Cash Transfer Orders	0.00 EUR
Earmarked Credit Cash Transfer Orders	0.00 EUR
Projected Liquidity	6.00 EUR
25	55.000.000.00 BUR
iquidity Information T2S	
- CGREURPBAAGRATX00001	
Current Balance	55.000.000.00 EUR
Value of the Available Collateral in T2S	0.00 EUR
Value of the Outstanding Auto-Collateralisation Amount in T25	0.00 EUR
105	83.800.000.00 EUR
iquidity Information TIPS	
- IGREURPBAAGRATOODD1	
Current Balance	83,800,000.00 EUR

Figure 128 - Dashboard Liquidity Overview Account Sel. grouped by Services – Display Screen – part 4

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Dashboard Liquidity Overview – Query Screen</u> [▶ 191].

Moreover are all described fields subject to repetition in case multiple accounts or services are shown and within the data scope of the user.

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES –	
DISPLAY SCREEN	I – RESULTS – LIQUIDITY INFORMATION CLM
(MCA number) Information	This row shows the account number of the CLM MCA.
Current Balance	This row shows the current balance of the MCA.
Credit Line	This row shows the credit line of the default MCA.
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA.
Available Liquidity	This row shows the available liquidity on the MCA. It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the MCA.



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM		
Projected Liquidity	This row shows the projected liquidity of the MCA that will be available, if all queued and earmarked transactions are settled. It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(CB Account number) Information	This row shows the account number of the CLM CB Account.	
Current Balance	This row shows the current balance of the CLM CB Account.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the CLM CB Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the CLM CB Account.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the CLM CB Account.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the CLM CB Account.	
Projected Liquidity	 This row shows the projected liquidity of the CLM CB Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. 	
	Note: The projected liquidity is only a non-binding forecast as	

Note: The projected liquidity is only a non-binding forecast as



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES -		
DISPLAY SCREEN	I – RESULTS – LIQUIDITY INFORMATION CLM	
	it includes instructed but not yet debited/credited cash transfer orders of the future.	
(Transit Account number) Information	This row shows the account number of the Transit Account in CLM.	
Current Balance	This row shows the current balance of the Transit Account in CLM.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Transit Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Transit Account.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Transit Account.	
Earmarked Credit Cash Transfer Orders	This column shows the sum of all earmarked credit cash transfer orders related to the Transit Account.	
Projected Liquidity	This row shows the projected liquidity of the Transit Accour that will be available, if all queued and earmarked transaction are settled.	
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(Marginal Lending Account ⁷² number) Information	This row shows the account number of the Marginal Lending Account.	
Current Balance	This row shows the current balance of the Marginal Lending Account ⁷³ .	

⁷² Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM		
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Marginal Lending Account ⁷⁴ .	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Marginal Lending Account ⁷⁵ .	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Marginal Lending Account ⁷⁶ .	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Marginal Lending Account ⁷⁷ .	
Projected Liquidity	This row shows the projected liquidity of the Marginal Lending Account ⁷⁸ that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer	
	orders of the future.	
(Overnight Deposit Account ⁷⁹ number) Information	This row shows the account number of the Overnight Deposit Account ⁸⁰ .	
Current Balance	This row shows the current balance of the Overnight Deposit	

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES

73 Account type only relevant for users with party operating in EUR

74 Account type only relevant for users with party operating in EUR

- Account type only relevant for users with party operating in EUR 75
- 76 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 77
- 78 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 79
- 80 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
	Account ⁸¹ .
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Overnight Deposit Account ⁸² .
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Overnight Deposit Account ⁸³ .
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Overnight Deposit Account ⁸⁴ .
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Overnight Deposit Account ⁸⁵ .
Projected Liquidity	This row shows the projected liquidity of the Overnight Deposit Account ⁸⁶ that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(CB ECB Account ⁸⁷ number) Information	This row shows the account number of the CB ECB Account ⁸⁸ .

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES

81 Account type only relevant for users with party operating in EUR

- 82 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 83
- 84 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 85
- 86 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 87
- 88 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM		
Current Balance	This row shows the current balance of the CB ECB Account $^{\mbox{\tiny 89}}$.	
(ECB Mirror Account ⁹⁰ number) Information	This row shows the account number of the ECB Mirror Account. This entry is only visible for: I Operator I ECB	
Current Balance	This row shows the current balance of the ECB Mirror Account ⁹¹ . This entry is only visible for: I Operator I ECB	
(CLM Technical Account ECONS II number) Information	This row shows the account number of the CLM Technical Account ECONS II. This entry is only visible for: I Operator I CB	
Current Balance	This row shows the current balance of the CLM Technical Account ECONS II. This entry is only visible for: I Operator I CB	

Table 116 - Dashboard Liq. Overview Acc. Selection grouped by Services – Liquidity Information CLM

⁸⁹ Account type only relevant for users with party operating in EUR

⁹⁰ Account type only relevant for users with party operating in EUR

⁹¹ Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS		
(RTGS DCA number) Information	This row shows the account number of the RTGS DCA.	
Current Balance	This row shows the current balance of the RTGS DCA.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA.	
Earmarked Credit Cash Transfer Orders	This column shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA.	
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA that will be available, if all queued and earmarked transactions are settled.	
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(RTGS Sub Account number) Information	This row shows the account number of the RTGS sub- account.	
Current Balance	This row shows the current balance of the RTGS sub-account.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account.	
Earmarked Debit Cash Transfer	This row shows the sum of all earmarked debit cash transfer	

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DISPLAY SCREEN	DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS		
Orders	orders related to the RTGS sub-account.		
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account.		
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.		
(RTGS AS Technical Account number) Information	This row shows the account number of the RTGS AS Technical Account.		
Current Balance	This row shows the current balance of the RTGS AS Technical Account.		
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS AS Technical Account.		
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS AS Technical Account.		
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS AS Technical Account.		
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS AS Technical Account.		
Projected Liquidity	This column shows the projected liquidity of the RTGS AS Technical Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions		

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS		
	reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(RTGS AS Guarantee Account number) Information	This row shows the account number of the RTGS Guarantee Account.	
Current Balance	This row shows the current balance of the RTGS Guarantee Account.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS Guarantee Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS Guarantee Account.	
Earmarked Debit Cash Transfer Orders	This column shows the sum of all earmarked debit cash transfer orders related to the RTGS Guarantee Account.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS Guarantee Account.	
Projected Liquidity	This row shows the projected liquidity of the RTGS Guarantee Account that will be available, if all queued and earmarked transactions are settled.	
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(CB Account number) Information	This row shows the account number of the RTGS CB Account.	
Current Balance	This row shows the current balance of the RTGS CB Account.	



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS		
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS CB Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS CB Account.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS CB Account.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS CB Account.	
Projected Liquidity	This row shows the projected liquidity of the RTGS CB Account that will be available, if all queued and earmarked transactions are settled.	
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.	
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future	
(Transit Account number) Information	This row shows the account number of the Transit Account in RTGS.	
Current Balance	This row shows the current balance of the Transit Account in RTGS.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the Transit Account.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the Transit Account.	



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the Transit Account.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the Transit Account.
Projected Liquidity	This row shows the projected liquidity of the Transit Account that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the
	'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.

Table 117 - Dashboard Liq. Overview Acc. Selection grouped by Services – Liquidity Information RTGS

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION TIPS					
(TIPS Account number) Information	This row shows the account number of the TIPS Account.				
Current Balance	This row shows the current balance of the TIPS Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.				
(TIPS AS Technical Account number) Information	This row shows the account number of the TIPS AS Technical Account.				

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DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES –				
DISPLAY SCREEN	I – RESULTS – LIQUIDITY INFORMATION TIPS			
Current Balance	This row shows the current balance of the TIPS AS Technical Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.			
(TIPS Transit Account number) Information	This row shows the account number of the TIPS Transit Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)			
Current Balance	This row shows the current balance of the TIPS Transit Account. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)			

Table 118 - Dashboard Liq. Overview Acc. Selection grouped by Services – Liquidity Information TIPS

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION T2S				
(T2S DCA number) Information	This row shows the account number of the T2S DCA.			
Current Balance	This row shows the current balance of the T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.			
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).			



	RVIEW ACCOUNT SELECTION GROUPED BY SERVICES – N – RESULTS – LIQUIDITY INFORMATION T2S
Value of the Outstanding Auto- Collateralisation Amount in T2S	This row shows the amount of outstanding auto-collateral in T2S. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).
(T2S Transit Account number) Information	This row shows the account number of the Transit Account. This entry is only visible for: I CB (as TAH)
Current Balance	This row shows the current balance of the Transit Account. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. This entry is only visible for: I CB (as TAH)

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES

Table 119 - Dashboard Liq. Overview Acc. Selection grouped by Services – Liquidity Information T2S

DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – AGGREGATED VIEW			
Available Liquidity in CLM	This row shows the total amount of available liquidity related to the given cash accounts in CLM. It consists of the sum of 'Available Liquidity' for all related MCAs including the sum of 'Current Balances' for all other		
	CLM accounts. The following account types are excluded from the calculation of the aggregated liquidity position: CB ECB Account ⁹² , ECB Mirror Account ⁹³ and CLM Technical Account for ECONS II.		
Liquidity in RTGS	This row shows the total amount of current balances related to		

Account type only relevant for users with party operating in EUR 92

⁹³ Account type only relevant for users with party operating in EUR



all given cash accounts in T2S. When the liquidity informatic query for at least one account located in T2S fails, then the value 'Not available' is shown.
This row shows the total amount of liquidity related to the given cash accounts within all services.
It consists of 'Available Liquidity in CLM' including 'Liquidity RTGS' including 'Liquidity in TIPS' including 'Liquidity in T2S When the liquidity information query for at least one accou ocated in TIPS or T2S fails, then the value 'Not available' shown.
This row shows the total amount of liquidity related to th given cash accounts within all services.
It consists of 'Liquidity Overall' reduced by the sum of 'Creat Line' of the given default MCAs. When the liquidity information query for at least one account located in TIPS or T2S fail then the value 'Not available' is shown.
iew Acc. Selection grouped by Services – Aggregated Vi
Overview Account Selection List View – Displ

Screen Access This screen can be reached in the following way:

I Liquidity >> Dashboard Liquidity Overview – Query Screen >> [Submit]

Privileges To use this screen the following privilege is needed:

Context of Usage



I CLM_QueryAvaLiq

References This screen is part of the following use case:

I Query and display cash account liquidity (dashboard) [> 499]

Screenshot

		hboerd Lic	uidity Overview > Display Das	shiboard Liquidity Overview Acc	ount Selection groupe	d by Services									ት ? 🕻	٢,
arch Crite	ria															
sults														Last Refre	± 2023-06-29 19:22:21 CE	157
ountry Co	de Party BIC	Service	Account Number	Projected Liquidity Overall	Liquidity Overall	Available Liquidity CLM	Credit Line	CLM Balance	RTGS Balance	TIPS Balance	T25 DCA Balance	Available Collateral in T25	Outstanding Auto Collateralisation in T25	Queued Cash Transfers Credit	Queued Cash Transfers D	lebit:
R	ASAAGRATIXX	RTOS	GGREURASAAGRATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR.
R	ASAAGRATICO	RTGS	TGREURASAAGRATI0001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 BUR	0.00	EUR
R	ASAASRATXX	COM .	MGREURASAAGRATIO001	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR						0.00 BUR	0.00	EUR
R	ASAAGRATICO	RTGS	RGREURASAAGRATIOOD1	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
R	ASABSRATIO	RTGS	15REURASABGRATI00/01	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
۹.	ASABGRATICO	RTGS	GGREURASABGRATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
t.	ASABSRATIXX	RTGS	RGREURASABGRATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
R	ASABGRATICO	CUM I	MGREURASABGRATIO0101	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR						0.00 EUR	0.00	EUR
t.	ASACGRATICS	RTGS	15REURASACORATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
ŧ	ASADGRATIO	< RTQS	TGREURASADGRATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
8	ASAEGRATICO	RTGS	15REURASAEGRATIO001	0.00 EUR	0.00 EUR				0.00 EUR					0.00 EUR	0.00	EUR
R.	CEIOIGROBIO	CUM	LGREURCBGRD00002	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR						0.00 EUR	0.00	EUR
t.	CEIOIGRODIO	CUM	BGREURCEINIGRODINID2	-311,809,500.00 EUR	-311.809.500.00 EUR	-311,809,500.00 EUR		-311.809.500.00 EUR						0.00 EUR	0.00	EUR
R	CEIOIGROBIO	CUM	BGREURCEINIGRODINIDB	-615,000,000,00 EUR	-615,000,000,00 EUR	-615,000,000.00 EUR		-615,000,000.00 EUR						0.00 EUR	0.00	EUR
2	CEIOIGRODIO	RTQS	PGREURCEXXIGRD0XXXX01	-102,305,000.00 EUR	-102,305,000.00 EUR				-102,305,000.00 EUR					0.00 EUR	0.00	EUR
ŧ.	PBAAGRATICO	C T25	CGREURPBAAGRATIO001	55.000.000.00 EUR	55.000.000.00 EUR						55,000,000.00 EUR	0.00 EUR	0.00 EUF			
ŧ	PEAAGRATICS	TIPS	IGREURPBAAGRATIO0101	83.800.000.00 EUR	83,800,000.00 EUR					83,800,000.00 EUR						
R.	PBAAGRATICO	C CLM	MGREURPBAAGRATIO002	18.000.000.00 EUR	18,000,000,00 EUR	18,000,000.00 EUR		18,000,000.00 EUR						0.00 BUR	0.00	EUR
-	DRAG/DRTVV	8755	PREPIRORALIZATION	15.470 GGR 81 D IP	15 470 008 6h B IB				18 470 008 6h BHR					000.0.0	000	

Figure 129 - Dashboard Liquidity Overview Account Selection List View – Display Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Dashboard Liquidity Overview – Query Screen</u> [▶ 191].

	VERVIEW ACCOUNT SELECTION LIST VIEW – DISPLAY DITY OVERVIEW DASHBOARD ACCOUNT SELECTION LIST VIEW
Country Code	This column shows the country code of the CB belonging to the party in the data scope of the user.
Party BIC	This column shows the party BIC related to the cash account in the data scope of the user.
Service	This column shows the service where the listed account is registered. Possible values: I CLM I RTGS I T2S I TIPS
Account Number	This column shows the account number of all or some accounts in the data scope of the user.
Projected Liquidity Overall	This column shows the projected liquidity that will be available, if all queued and earmarked transactions are settled. It consists of 'Liquidity Overall' including the 'Queued Credit



	VERVIEW ACCOUNT SELECTION LIST VIEW – DISPLAY DITY OVERVIEW DASHBOARD ACCOUNT SELECTION LIST VIEW
	Cash Transfer Orders' including the 'Earmarked Credit Cash Transfer Orders' reduced by 'Queued Debit Cash Transfer Orders' reduced by 'Earmarked Debit Cash Transfer Orders'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
	The following account types are not considered when computing the values in this column: CB ECB Account and ECB Mirror Account.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Liquidity Overall	This column shows the sum of the liquidity in the whole system, including the CLM, RTGS, T2S and TIPS balances and the credit line in CLM.
	It consists of 'Available Liquidity in CLM' including the 'RTGS Balance' including the 'TIPS Balance' including 'T2S Balance'.
	The following account types are not considered when computing the values in this column: CB ECB Account and ECB Mirror Account.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Available Liquidity in CLM	This column shows the available liquidity per cash account in CLM.
	It consists of 'CLM Balance' including the 'Credit Line' reduced by seizure of funds amount.
	The following account types are not considered when computing the values in this column: CB ECB Account and ECB Mirror Account.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column.



	DITY OVERVIEW DASHBOARD ACCOUNT SELECTION LIST
Credit Line	This column shows the credit line of the default MCA. It contains a sum of the amount of all listed credit lines at the bottom of the column.
CLM Balance	This column shows the balances of the selected MCAs, CLM CB Accounts, CB ECB Accounts ⁹⁴ , ECB Mirror Accounts ⁹⁵ , Marginal lending Accounts ⁹⁶ , Overnight Deposit Accounts ⁹⁷ , CLM Technical Accounts ECONS II and Transit Accounts. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
RTGS Balance	This column shows the RTGS balances of the selected cash accounts. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
TIPS Balance	This column shows the balances of the selected TIPS Accounts and TIPS AS Technical Accounts. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.
T2S DCA Balance	This column shows the T2S balances of the selected T2S DCAs. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.
Value of available collateral in T2S	This column shows the value of the available collateral in T2S related to each T2S account.

Account type only relevant for users with party operating in EUR 94

- 95 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 96
- 97 Account type only relevant for users with party operating in EUR



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION LIST VIEW – DISPLAY SCREEN – RESULTS – LIQUIDITY OVERVIEW DASHBOARD ACCOUNT SELECTION LIST VIEW				
	It contains a sum of the amount of all listed collateral positions at the bottom of the column.			
	During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).			
Value of the outstanding auto- collateralisation amount in T2S	This column shows the value of the outstanding auto- collateralisation amount in T2S related to each T2S account. It contains a sum of the amount of all listed outstanding auto- collateralisation positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).			
Queued Credit Cash Transfer Orders	This column shows the sum of all queued credit cash transfer orders related to the selected cash account in CLM and RTGS. It contains a sum of the amount of all listed queued cash			
	transfer order credit positions at the bottom of the column.			



DASHBOARD LIQUIDITY OVERVIEW ACCOUNT SELECTION LIST VIEW – DISPLAY				
SCREEN – RESULTS – LIQUIDITY OVERVIEW DASHBOARD ACCOUNT SELECTION LIST				
	VIEW			
Queued Debit Cash Transfer Orders	This column shows the sum of all queued debit cash transfer orders related to the selected cash account in CLM and RTGS. It contains a sum of the amount of all listed queued cash transfer order debit positions at the bottom of the column.			
Earmarked Credit Cash Transfer Orders	This column shows the sum of all earmarked credit cash transfer orders related to the selected cash account in CLM and RTGS. It contains a sum of the amount of all listed earmarked cash transfer order credit positions at the bottom of the column.			
Earmarked Debit Cash Transfer Orders	This column shows the sum of all earmarked debit cash transfer orders related to the selected cash account in CLM and RTGS. It contains a sum of the amount of all listed earmarked cash transfer order debit positions at the bottom of the column.			

Table 121 - Dashboard Liq. Overview Acc. Selection List View – Liq. Ov. Dashboard Acc. Sel. List View

5.2.6 Dashboard Liquidity Overview AMG Selection grouped by Countries – Display Screen

Context of This screen displays aggregated liquidity information related to cash accounts in one or more countries and belonging to a specific Account Monitoring Group meeting a defined set of criteria. These criteria were defined on the Dashboard Liquidity Overview – Query Screen [▶ 191].

This screen is available for:

- I Operators
- I Central bank users (in case the leader of AMG belongs to the community of the central bank)
- I Leader of Account Monitoring Groups (his own account balances and the balances of his members)

Screen Access This screen can be reached in the following way:

- I Liquidity >> Dashboard Liquidity Overview Query Screen [Submit]
- **Privileges** To use this screen the following privilege is needed:



CLM_QueryAvaLiq

References

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This screen is part of the following use case:

Query and display cash account liquidity (dashboard) [499] I

Screenshot

Display Dashboard Liquidity Overview AMG Selectic Query Dashboard Liquidity Overview	on grouped by Countries		☆ ? ፡
ech Criteria			
uits			Last Refresh: 2023-06-30 10:15:01 CES
GR	573,885,927.52 EUR	Aggregated View	
Liquidity Information CLM		Liquidity in GR	573,88
- MGREURPBAAGRATXXX01		Liquidity Overall	573,885
Current Balance	315,132,929.02 EUR	Current Liquidity Overall	583,93
Credit Line	1,948,000.00 EUR		
Seizure of Funds	12,000,000.00 EUR		
Available Liquidity	305,080,929.02 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	305,080,929.02 EUR		
- MGREURPBAAGRATIOCX02			
Current Balance	18,000,000.00 EUR		
Available Liquidity	18,000,000.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	18,000,000.00 EUR		
Liquidity Information RTGS			
- RGREURPBAAGRATICCX01			
Current Balance	112,004,998.50 EUR		
Queued Debit Cash Transfer Orders	-38,000,000.00 EUR		

Figure 130 - Dashboard Liquidity Overview AMG Sel. grouped by Countries – Display Screen - part 1

	Display Dashboard Liquidity Overview AMG Selection gr Query Dashboard Liquidity Overview	ouped by Countries
	Projected Liquidity	18,000,000.00 EUR
Liquidity	Information RTGS	
- RG	SREURPBAAGRATXXX01	
_	Current Balance	112,004,998.50 EUR
	Queued Debit Cash Transfer Orders	-38,000,000.00 EUR
	Queued Credit Cash Transfer Orders	0.00 EUR
	Earmarked Debit Cash Transfer Orders	-1,985,000.50 EUR
	Earmarked Credit Cash Transfer Orders	0.00 EUR
	Projected Liquidity	72,019,998.00 EUR
Liquidity	Information TIPS	
	REURPBAAGRATIO001	
107	Current Balance	83,800,000.00 EUR
	Information T25	83,800,000.00 EDK
Liquidity	Information 125	
- CG	REURPBAAGRATICOK01	
	Current Balance	0.00 EUR
	Value of the Available Collateral in T25	0.00 EUR
	Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR
– cg	REURPBAAGRATXXX01	
	Current Balance	0.00 EUR
	Value of the Available Collateral in T25	0.00 EUR
	Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR
- cg	REURPBAAGRATIOK01	
	Current Balance	55,000,000.00 EUR
	Value of the Available Collateral in T2S	0.00 EUR
	Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR

Figure 131 - Dashboard Liquidity Overview AMG Sel. grouped by Countries – Display Screen - part 2

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Dashboard Liquidity Overview - Query Screen.

> Moreover all described fields are subject to repetition in case multiple accounts or countries are shown which belong to the given Account Monitoring Group and the data scope of the user.



PLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM		
(MCA number) Information	This row shows the account number of the CLM MCA within the given Account Monitoring Group in the data scope of the user.	
Current Balance	This row shows the current balance of the MCA within the given Account Monitoring Group in the data scope of the user.	
Credit Line	This row shows the credit line of the default MCA within the given Account Monitoring Group in the data scope of the user.	
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA within the given Account Monitoring Group in the data scope of the user.	
Available Liquidity	This row shows the available liquidity on the MCA within the given Account Monitoring Group in the data scope of the user. It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES - DIS-



	RVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS- S – (COUNTRY CODE) – LIQUIDITY INFORMATION CLM
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.
Projected Liquidity	This row shows the projected liquidity of the MCA that will be available, if all queued and earmarked transactions are settled. It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES -פוח

Table 122 - Dashboard Liq. Overview AMG Selection grouped by Countries – Liquidity Information CLM

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS- PLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS			
(RTGS DCA number) Information	This row shows the account number of the RTGS DCA within the given Account Monitoring Group in the data scope of the user.		
Current Balance	This row shows the current balance of the RTGS DCA within the given Account Monitoring Group in the data scope of the user.		
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.		
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA within the given Account		



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS-PLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS

PLAY SCREEN – RESULIS	= (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS
	Monitoring Group in the data scope of the user.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA that will be available, if all queued and earmarked transactions are settled.
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
(RTGS_Sub_Account_number) Information	This row shows the account number of the RTGS sub- account.
Current Balance	This row shows the current balance of the RTGS sub-account.
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account.
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account.



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS- PLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION RTGS			
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS sub-account.		
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account.		
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account that will be available, if all queued and earmarked transactions are settled.		
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions'		
	reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.		
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.{CR-143}		

Table 123 - Dashboard Liq. Overview AMG Selection grouped by Countries - Liquidity Information RTGS

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES - DIS-PLAY SCREEN - RESULTS - (COUNTRY CODE) - LIQUIDITY INFORMATION TIPS

(TIPS Account num Information	ber) This row shows the account number of the TIPS Account within the given Account Monitoring Group in the data scope of the user.
Current Balance	This row shows the current balance of the TIPS Account within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.

Table 124 - Dashboard Liq. Overview AMG Selection grouped by Countries – Liquidity Information TIPS

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES - DIS-PLAY SCREEN - RESULTS - (COUNTRY CODE) - LIQUIDITY INFORMATION T2S

(T2S DCA number) Information This row shows the account number of the T2S DCA within



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS- PLAY SCREEN – RESULTS – (COUNTRY CODE) – LIQUIDITY INFORMATION T2S			
	the given Account Monitoring Group in the data scope of the user.		
Current Balance	This row shows the current balance of the T2S DCA within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.		
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).		
Value of the Outstanding Auto- Collateralisation Amount in T2S	This row shows the amount of outstanding auto-collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).		

Table 125 - Dashboard Liq. Overview AMG Selection grouped by Countries – Liquidity In-formation T2S

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES – DIS- PLAY SCREEN – RESULTS – AGGREGATED VIEW		
Liquidity in (Country Code)	This row shows the total amount of liquidity related to the selected cash accounts belonging to one Account Monitoring Group and related to a specific country code.	
	For each requested country code, a separate row will be shown. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.	



PLAY SCRI	EEN – RESULTS – AGGREGATED VIEW
Liquidity Overall	This row shows the total amount of liquidity related to the selected cash accounts belonging to one Account Monitoring Group and related to all country codes. It consists of the sum of 'Liquidity in (Country Code)'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Current Liquidity Overall	This row shows the current liquidity of the selected accounts related to one Account Monitoring Group and related to all country codes. It consists of 'Liquidity Overall' reduced by the sum of 'Credit Line'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY COUNTRIES

Table 126 - Dashboard Liq. Overview AMG Selection grouped by Countries – Aggregated View

- 5.2.7 Dashboard Liquidity Overview AMG Selection grouped by Parties -**Display Screen**
- Context of This screen displays aggregated liquidity information related to cash accounts belonging Usage to one or more parties and belonging to a specific Account Monitoring Group meeting a defined set of criteria. These criteria were defined on the Dashboard Liquidity Overview -Query Screen [> 191].

This screen is available for:

- Operators
- Central bank users (in case the leader of AMG belongs to the community of the cen-L tral bank)
- Т Leader of Account Monitoring Groups (his own account balances and the balances of his members)

Screen Access This screen can be reached in the following way:

> Liquidity >> Dashboard Liquidity Overview – Query Screen [Submit]

Privileges To use this screen the following privilege is needed:

> CLM_QueryAvaLiq L

References This screen is part of the following use case:

> Query and display cash account liquidity (dashboard) [499] L



Liquidity

Screenshot

Display Dashboard Liquidity Overview AMG Select Query Dashboard Liquidity Overview > Display Dashboard Liquidity Overview			☆ ? 🕻
earch Criteria			
sults			Last Refresh: 2023-06-30 10:20:39 CEST
PBAAGRATIXX	573,885,927.52 EUR	Aggregated View	
Liquidity Information CLM		Liquidity in PBAAGRATXXX	573,885,9
- MGREURPBAAGRATXXX01		Liquidity Overall	573,885,9
Current Balance	315.132.929.02 EUR	Current Liquidity Overall	583,937,9
Credit Line	1,948,000.00 EUR		
Seizure of Funds	12,000,000.00 EUR		
Available Liquidity	305,080,929.02 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	305,080,929.02 EUR		
- MGREURPBAAGRATIXXX02			
Current Balance	18,000,000.00 EUR		
Available Liquidity	18,000,000.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	18,000,000.00 EUR		
Liquidity Information RTGS			
- RGREURPBAAGRATDOXX01			
Current Balance	112,004,998.50 EUR		
Queued Debit Cash Transfer Orders	-38,000,000.00 EUR		

Figure 132 - Dashboard Liquidity Overview AMG Sel. grouped by Parties – Display Screen – part 1

	Display Dashboard Liquidity Overview AMG Selection gr Query Dashboard Liquidity Overview > Display Dashboard Liquidity Overview AMG Sele	
	Projected Liquidity	18,000,000.00 EUR
Liquidity	Information RTGS	
- RG	REURPBAAGRATXXX01	
	Current Balance	112,004,998.50 EUR
	Queued Debit Cash Transfer Orders	-38,000,000.00 EUR
	Queued Credit Cash Transfer Orders	0.00 EUR
	Earmarked Debit Cash Transfer Orders	-1,985,000.50 EUR
	Earmarked Credit Cash Transfer Orders	0.00 EUR
	Projected Liquidity	72,019,998.00 EUR
Liquidity	Information TIPS	
	REURPBAAGRATXXX01	
- 10/	Current Balance	83,800,000.00 EUR
1.1	Information T2S	63,600,000.00 EUK
Liquidity	Information 125	
- CG	REURPBAAGRATIO0X01	
	Current Balance	0.00 EUR
	Value of the Available Collateral in T2S	0.00 EUR
	Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR
- CG	REURPBAAGRATXXX01	
	Current Balance	0.00 EUR
	Value of the Available Collateral in T2S	0.00 EUR
	Value of the Outstanding Auto-Collateralisation Amount in T25	0.00 EUR
- cg	REURPBAAGRATIOCX01	
	Current Balance	55,000,000.00 EUR
	Value of the Available Collateral in T2S	0.00 EUR

Figure 133 - Dashboard Liquidity Overview AMG Sel. grouped by Parties – Display Screen – part 2

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Dashboard Liquidity Overview – Query Screen [▶ 191].

Moreover all described fields are subject to repetition in case multiple accounts or parties are shown which belong to the given Account Monitoring Group and the data scope of the user.



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION CLM			
(MCA number) Information	This row shows the account number of the CLM MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Current Balance	This row shows the current balance of the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Credit Line	This row shows the credit line of the default MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Available Liquidity	This row shows the available liquidity on the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user. It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.		
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		

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DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION CLM		
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the MCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Projected Liquidity	This row shows the projected liquidity of the MCA belonging to a specific party that will be available, if all queued and earmarked transactions are settled. It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES

Table 127 - Dashboard Liq. Overview AMG Selection grouped by Parties – Liquidity Information CLM

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION RTGS		
(RTGS DCA number) Information	This row shows the account number of the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Current Balance	This row shows the current balance of the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY		
SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION RTGS		
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA belonging to a specific party that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	
(RTGS_Sub_Account_number) Information	This row shows the account number of the RTGS sub-account belonging to a specific party.	
Current Balance	This row shows the current balance of the RTGS sub-account belonging to a specific party.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account belonging to a specific party.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account belonging to a specific party.	

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DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY		
SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION RTGS		
Earmarked Debit Cash Transfor Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS sub-account belonging to a specific party.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account belonging to a specific party.	
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account belonging to a specific party that will be available, if all queued and earmarked transactions are settled. It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.{CR-143}	

Table 128 - Dashboard Liq. Overview AMG Selection grouped by Parties – Liquidity Information RTGS

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY			
SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION TIPS			
(TIPS Account number) Information	This row shows the account number of the TIPS Account belonging to a specific party within the given Account Monitoring Group in the data scope of the user.		
Current Balance	This row shows the current balance of the TIPS Account belonging to a specific party within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.		

Table 129 - Dashboard Liq. Overview AMG Selection grouped by Parties – Liquidity Infor-mation TIPS



SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION T2S		
(T2S DCA number) Information	This row shows the account number of the T2S DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user.	
Current Balance	This row shows the current balance of the T2S DCA belonging to a specific party within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.	
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).	
Value of the Outstanding Auto- Collateralisation Amount in T2S	This row shows the amount of outstanding auto-collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).	

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY SCREEN – RESULTS – (PARTY BIC) – LIQUIDITY INFORMATION T2S

Table 130 - Dashboard Liq. Overview AMG Selection grouped by Parties – Liquidity Information T2S

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY SCREEN – RESULTS – (PARTY BIC) – AGGREGATED VIEW		
Liquidity (Party BIC)	This row shows the total amount of liquidity related to the selected cash accounts belonging to one Account Monitoring Group and related to a specific party. For each requested party BIC, a separate row will be shown.	
	When the liquidity information query for at least one account	



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY PARTIES – DISPLAY		
SCREEN – RESULTS – (PARTY BIC) – AGGREGATED VIEW		
	located in TIPS or T2S fails, then the value 'Not available' is shown.	
Liquidity Overall	This row shows the total amount of liquidity related to the selected cash accounts belonging to one Account Monitoring Group and related to all parties.	
	It consists of the sum of 'Liquidity (Party BIC)'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.	
Current Liquidity Overall	This row shows the current liquidity of the selected accounts related to one Account Monitoring Group and related to all parties.	
	It consists of 'Liquidity Overall' reduced by the sum of 'Credit Line'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.	

Table 131 - Dashboard Liq. Overview AMG Selection grouped by Parties – Aggregated View

5.2.8 Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen

Context of This screen displays aggregated liquidity information related to cash accounts in one or more services and belonging to a specific Account Monitoring Group meeting a defined set of criteria. These criteria were defined on the <u>Dashboard Liquidity Overview – Query</u> <u>Screen</u> [▶ 191].

This screen is available for:

- I Operators
- I Central bank users (in case the leader of AMG belongs to the community of the central bank)
- I Leader of Account Monitoring Groups (his own account balances and the balances of his members)
- **Screen Access** This screen can be reached in the following way:
 - I Liquidity >> Dashboard Liquidity Overview Query Screen [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryAvaLiq



References

This screen is part of the following use case:

I <u>Query and display cash account liquidity (dashboard)</u> [> 499]

Screenshot

E Display Dashboard Liquidity Overview AMG Selectie Query Dashboard Liquidity Overview - Display Dashboard Liquidity Overview A		w AMG Selection grouped by Parties	ት ? 🏟 🔱
+ Search Criteria			
- Results			Last Refresh: 2023-06-30 10:22:50 CEST Refresh
- CLM	323,080,929.02 EUR	Aggregated View	
Liquidity Information CLM		Available Liquidity in CLM	323,080,929.02 EUR
- MGREURPBAAGRATXXX01		Liquidity in RTGS	112,004,998.50 EUR
		Liquidity in T2S	55,000,000.00 EUR
Current Balance	315,132,929.02 EUR	Liquidity in TIPS	83,800,000.00 EUR
Credit Line Seizure of Funds	1,948,000.00 EUR	Liquidity Overall	573,885,927.52 EUR
	12,000,000.00 EUR	Current Liquidity Overall	583,937,927.52 EUR
Available Liquidity	305,080,929.02 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	305,080,929.02 EUR		
- MGREURPBAAGRATXXX02			
Current Balance	18,000,000.00 EUR		
Available Liquidity	18,000,000.00 EUR		
Queued Debit Cash Transfer Orders	0.00 EUR		
Queued Credit Cash Transfer Orders	0.00 EUR		
Earmarked Debit Cash Transfer Orders	0.00 EUR		
Earmarked Credit Cash Transfer Orders	0.00 EUR		
Projected Liquidity	18,000,000.00 EUR		
- RTGS	112,004,998.50 EUR		
Liquidity Information RTGS			
- RGREURPBAAGRATXXX01			

Figure 134 - Dashboard Liquidity Overview AMG Sel. grouped by Services – Display Screen – part 1

Display Dashboard Liquidity Overview AMG Selection grou Overy Dashboard Liquidity Overview > Display Dashboard Liquidity Overview AMG Selection	ped by Services In grouped by Countries > Display Dashboard Liquidity Overview AMG Selection grouped by Parties	☆	?	1
RGREURPBAAGRATIOCX01 RGREURPBAAGRATIOCX01	н угодоос су соонился - окуну селеновни седенину сихи пси нато заоссцой усоцеос су накога		J	
Current Balance	112,004,998.50 EUR			
Queued Debit Cash Transfer Orders	-38,000,000.00 EUR			
Queued Credit Cash Transfer Orders	0.00 EUR			
Earmarked Debit Cash Transfer Orders	-1,985,000.50 EUR			
Earmarked Credit Cash Transfer Orders	0.00 EUR			
Projected Liquidity	72,019,998.00 EUR			
725	55,000,000.00 EUR			
Liquidity Information T2S				
- CGREURPBAAGRATIOOX01				
Current Balance	0.00 EUR			
Value of the Available Collateral in T2S	0.00 EUR			
Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR			
- CGREURPBAAGRATIO0X01				
Current Balance	0.00 EUR			
Value of the Available Collateral in T2S	0.00 EUR			
Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00 EUR			
- CGREURPBAAGRATIXXX01				
Current Balance	55,000,000.00 EUR			
Value of the Available Collateral in T2S	0.00 EUR			
Value of the Outstanding Auto-Collateralisation Amount in T25	0.00 EUR			
TIPS	83,800,000.00 EUR			
Liquidity Information TIPS				
- IGREURPBAAGRATDOX01				
Current Balance	83,800,000.00 EUR			

Figure 135 - Dashboard Liquidity Overview AMG Sel. grouped by Services – Display Screen – part 2

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Dashboard Liquidity Overview – Query Screen [▶ 191].

Moreover all described fields are subject to repetition in case multiple accounts or services are shown which belong to the given Account Monitoring Group and the data scope of the user.



SCREEN – RESULTS – LIQUIDITY INFORMATION CLM		
(MCA number) Information	This row shows the account number of the CLM MCA within the given Account Monitoring Group in the data scope of the user.	
Current Balance	This row shows the current balance of the MCA within the given Account Monitoring Group in the data scope of the user.	
Credit Line	This row shows the credit line of the default MCA within the given Account Monitoring Group in the data scope of the user.	
Seizure of Funds	This row shows the total amount of seizure of funds reservations on the MCA within the given Account Monitoring Group in the data scope of the user.	
Available Liquidity	This row shows the available liquidity on the MCA within the given Account Monitoring Group in the data scope of the user. It consists of 'Current Balance' including 'Credit Line' reduced by 'Seizure of Funds'.	
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY



SCREEN – RESULTS – LIQUIDITY INFORMATION CLM		
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the MCA within the given Account Monitoring Group in the data scope of the user.	
Projected Liquidity	This row shows the projected liquidity of the MCA that will be available, if all queued and earmarked transactions are settled. It consists of 'Available Liquidity' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.	

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY

Table 132 - Dashboard Liq. Overview AMG Selection grouped by Services – Liquidity Information CLM

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY						
SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS						
(RTGS DCA number) Information	This row shows the account number of the RTGS DCA within the given Account Monitoring Group in the data scope of the user.					
Current Balance	This row shows the current balance of the RTGS DCA within the given Account Monitoring Group in the data scope of the user.					
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.					
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS DCA within the given Account					



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY						
SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS						
	Monitoring Group in the data scope of the user.					
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.					
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS DCA within the given Account Monitoring Group in the data scope of the user.					
Projected Liquidity	This row shows the projected liquidity of the RTGS DCA that will be available, if all queued and earmarked transactions are settled.					
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.					
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.					
(RTGS_Sub_Account_number) Information	This row shows the account number of the RTGS sub- account.					
Current Balance	This row shows the current balance of the RTGS sub-account.					
Queued Debit Cash Transfer Orders	This row shows the sum of all queued debit cash transfer orders related to the RTGS sub-account.					
Queued Credit Cash Transfer Orders	This row shows the sum of all queued credit cash transfer orders related to the RTGS sub-account.					



DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY				
SCREEN – RE	SULTS – LIQUIDITY INFORMATION RTGS			
Earmarked Debit Cash Transfer Orders	This row shows the sum of all earmarked debit cash transfer orders related to the RTGS sub-account.			
Earmarked Credit Cash Transfer Orders	This row shows the sum of all earmarked credit cash transfer orders related to the RTGS sub-account.			
Projected Liquidity	This row shows the projected liquidity of the RTGS sub- account that will be available, if all queued and earmarked transactions are settled.			
	It consists of 'Current Balance' including the 'Aggregated Amount of Queued Credit Transactions' including the 'Aggregated Amount of Earmarked Credit Transactions' reduced by 'Aggregated Amount of Queued Debit Transactions' reduced by 'Aggregated Amount of Earmarked Debit Transactions'.			
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.{CR-143}			

Table 133 - Dashboard Liq. Overview AMG Selection grouped by Services – Liquidity Information RTGS

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION TIPS

(TIPS Account numb Information	er) This row shows the account number of the TIPS Account within the given Account Monitoring Group in the data scope of the user.
Current Balance	This row shows the current balance of the TIPS Account within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.

Table 134 - Dashboard Liq. Overview AMG Selection grouped by Services – Liquidity Information TIPS

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION T2S

(T2S DCA number) Information This row shows the account number of the T2S DCA within



	VIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY ESULTS – LIQUIDITY INFORMATION T2S
	the given Account Monitoring Group in the data scope of the user.
Current Balance	This row shows the current balance of the T2S DCA within the given Account Monitoring Group in the data scope of the user. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
Value of the Available Collateral in T2S	This row shows the amount of available collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).
Value of the Outstanding Auto- Collateralisation Amount in T2S	This row shows the amount of outstanding auto-collateral in T2S related to the given T2S DCA. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown. During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).

Table 135 - Dashboard Liq. Overview AMG Selection grouped by Services – Liquidity Information T2S

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY SCREEN – RESULTS – AGGREGATED VIEW				
Available Liquidity in CLM	This row shows the total amount of available liquidity related to the given cash accounts within the given Account Monitoring Group in CLM. It consists of the sum of 'Available Liquidity' for all related MCAs including the sum of 'Current Balances' for all other CLM accounts.			
Liquidity in RTGS	This row shows the total amount of current balances related to			



	RVIEW AMG SELECTION GROUPED BY SERVICES – DISPLAY EN – RESULTS – AGGREGATED VIEW
	all given cash accounts within the given Account Monitoring Group in RTGS.
Liquidity in TIPS	This row shows the total amount of current balances related to all given cash accounts within the given Account Monitoring Group in TIPS. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.
Liquidity in T2S	This row shows the total amount of current balances related to all given cash accounts within the given Account Monitoring Group in T2S. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.
Liquidity Overall	This row shows the total amount of liquidity related to the given cash accounts within the given Account Monitoring Group in all services. It consists of 'Available Liquidity in CLM' including 'Liquidity in RTGS' including 'Liquidity in TIPS' including 'Liquidity in T2S'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Current Liquidity Overall	 This row shows the total amount of liquidity related to the given cash accounts within the given Account Monitoring Group in all services. It consists of 'Liquidity Overall' reduced by the sum of 'Credit Line' of the given default MCAs. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

 Table 136 - Dashboard Liq. Overview AMG Selection grouped by Services – Aggregated

 View

- 5.2.9 Dashboard Liquidity Overview AMG Selection List View Display Screen
- Context ofThis screen displays liquidity information per Account Monitoring Group meeting a
defined set of criteria. These criteria were defined on the Dashboard Liquidity Overview –
Query Screen [▶ 191].



This screen is available for:

- I Operators
- I Central bank users (in case the leader of AMG belongs to the community of the central bank)
- I Leader of Account Monitoring Groups (his own account balances and the balances of his members)

Screen Access This screen can be reached in the following way:

I Liquidity >> Query Dashboard Liquidity Overview >> [Submit]

Privileges To use this screen the following privilege is needed:

I CLM_QueryAvaLiq

References This screen is part of the following use case:

I <u>Query and display cash account liquidity (dashboard)</u> [▶ 499]

Screenshot

											Last Refresh: 2023-	06-30 10:25:56 CEST R
ccount Monitoring Group ID	Party BIC	Service	Account Number	Projected Liquidity Overall	Liquidity Overall	Available Liquidity CLM	Credit Line	CLM Balance	RTGS Balance	TIPS Balance	T2S DCA Balance	Available Collateral in
MG01	PBAAGRATXXX	CLM	MGREURPBAAGRATIO0001	305,080,929.02 EUR	305,080,929.02 EUR	305,080,929.02 EUR	1,948,000.00 EUR	315,132,929.02 EUR				
MG01	PBAAGRATXXX	CLM	MGREURPBAAGRATI00002	18,000,000.00 EUR	18,000,000.00 EUR	18,000,000.00 EUR		18,000,000.00 EUR				
MG01	PBAAGRATXXX	RTGS	RGREURPBAAGRATX00001	72,019,998.00 EUR	112,004,998.50 EUR				112,004,998.50 EUR			
MG01	PBAAGRATXXX	T2S	CGREURPBAAGRATIO0001	55,000,000.00 EUR	55,000,000.00 EUR						55,000,000.00 EUR	0.00
MG01	PBAAGRATXXX	T2S	CGREURPBAAGRATIO0001	0.00 EUR	0.00 EUR						0.00 EUR	0.00
MG01	PBAAGRATXXX	T2S	CGREURPBAAGRAT/00/01	0.00 EUR	0.00 EUR						0.00 EUR	0.00
MG01	PBAAGRATXXX	TIPS	IGREURPBAAGRATIXXX01	83,800,000.00 EUR	83,800,000.00 EUR					83,800,000.00 EUR		
2. 2. 2.	1601 1601 1601 1601 1601	NG01 PBAAGRATOOX NG01 PBAAGRATOOX NG01 PBAAGRATOOX NG01 PBAAGRATOOX NG01 PBAAGRATOOX NG01 PBAAGRATOOX NG01 PBAAGRATOOX	K601 PEAAGATOOC CLM K501 PEAAGATOOC CLM K501 PEAAGATOOC RTS K501 PEAAGATOOC T25 K501 PEAAGATOOC T25	NO1 Plaudikatrox LM ModBullPlaudikation01 NO1 Plaudikatrox RDERIPlaudikation01 NO1 Plaudikatrox RDERIPlaudikation01 NO1 Plaudikatrox RDERIPlaudikation01 NO1 Plaudikatrox RDERIPlaudikation01 NO1 Plaudikatrox RDERIPlaudikation02 NO1 Plaudikatrox CERILIPPlaudikation02 NO1 Plaudikatrox CERILIPPlaudikation02 NO1 Plaudikatrox CERILIPPlaudikation02 NO1 Plaudikatrox CERILIPPlaudikation02 NO1 Plaudikatrox CERILIPPlaudikation02	NO1 Plaudikitox CLM MOREUPRIAudikitoxo1 30506398-02 EUR NO1 Plaudikitox CLM MOREUPRIAudikitoxo2 16,000,000.00 ER NO1 Plaudikitox RTGS MOREUPRIAudikitoxo2 16,000,000.00 ER NO1 Plaudikitox RTGS MOREUPRIAudikitoxo2 15,000,000.00 ER NO1 Plaudikitox RTGS CREURREAUGUIX000 75,000,000 ER NO1 Plaudikitox TSS CREURREAUGUIX000 55,000,000 ER NO1 Plaudikitox TSS CREURREAUGUIX000 600 ER NO1 Plaudikitox TSS CREURREAUGUIX0001 600 ER NO1 Plaudikitox TSS CREURREAUGUIX0001 600 ER	NOT Plaudiatrox CLM MolEL/Plaudiatrox 155.585.593/22 Eux 35.585.593/22 Eux	NOT PRAJEKTON CLM MOREUPRAJEKTONOTO 205.0812/58.21 LM 205.0812/58.21 LM 205.0812/58.21 LM NOT PRAJEKTON CLM MOREUPRAJEKTONOTO 10.0010000 EA 10.000000 EA 10.0000000 EA 10.0000000 EA 10.000000 EA 10.0000000 EA 10.00000000000000000000000000000000000	NOT Plaudikation KM MREUPFlaudikation 10506825502 (LM 105	NO1 PRAJEKTON CLM MOREUPRAJEKTONO 205.008.258.02 EUR 205.008.258.02 EUR 105.000.958.02 EUR 1.46.000.00 EUR 1.51.22.598.02 EUR NO1 PRAJEKTON CLM MOREUPRAJEKTONOLO 10.000.000.00 EUR 10.000.000.00 EUR 14.000.000.00 EUR 14.000.000	NO1 Plaudoktico KMRURPHAUdoktico 305300/258-2007 30500/258-2007<	NO1 Plaudiation CM ModEl/Plaudiation SS SS <t< td=""><td>NO1 Plaudidation Micli MPlaudidation 305000 SPA2 EUR 3050000 SPA2 EUR 305000 SPA2 EUR</td></t<>	NO1 Plaudidation Micli MPlaudidation 305000 SPA2 EUR 3050000 SPA2 EUR 305000 SPA2 EUR

Figure 136 - Dashboard Liquidity Overview AMG Selection List View - Display Screen – part 1

			d Liquidity Ove			BW tion grouped by Services				☆	?	*	
Search Crit	teria												
Results										Last Refresh: 20	023-06-30 10:2	5:56 CEST	Refi
LM Credit	it Line	CLM Balance	RTGS Balance	TIPS Balance	T2S DCA Balance	Available Collateral in T2S	Outstanding Auto Collateralisation in T2S	Queued Cash Transfers Credit	Queued Cash Transfers Debit	Earmarked Cash Transfers Credit	Earmarked	Cash Transfe	
UR 1,948	8,000.00 EUR	315,132,929.02 EUR						0.00 EUR	0.00 EUR	0.00 EUR			0.0
IUR		18,000,000.00 EUR						0.00 EUR	0.00 EUR	0.00 EUR		(0.0
			112,004,998.50 EUR					0.00 EUR	-38,000,000.00 EUR	0.00 EUR		-1,985,00	0.5
					55,000,000.00 EUR	0.00 EUR	0.00 EUR						
					0.00 EUR	0.00 EUR	0.00 EUR						
					0.00 EUR	0.00 EUR	0.00 EUR						
				83,800,000.00 EUR									
UR 1,948	,000.00 EUR	333,132,929.02 EUR	112,004,998.50 EUR	83,800,000.00 EUR	55,000,000.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	-38,000,000.00 EUR	0.00 EUR		-1,985,000).5

Figure 137 - Dashboard Liquidity Overview AMG Selection List View - Display Screen – part 2

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Dashboard Liquidity Overview – Query Screen [▶ 191].



	RVIEW AMG SELECTION LIST VIEW – DISPLAY SCREEN – TY OVERVIEW DASHBOARD AMG SELECTION LIST VIEW
Country Code	This column shows the country code of the CB belonging to the party in the data scope of the user.
Account Monitoring Group ID	This column shows the ID of the Account Monitoring Group in the data scope of the user.
Party BIC	This column shows the party BIC related to the cash account belonging to the Account Monitoring Group in the data scope of the user.
Service	This column shows the service where the listed accounts within the given Account Monitoring Groups is registered. Possible values: I CLM I RTGS I T2S I TIPS
Account Number	This column shows the account number of the cash accounts within the given Account Monitoring Group in the data scope of the user.
Projected Liquidity Overall	This column shows the projected liquidity that will be available, if all queued and earmarked transactions are settled. It consists of 'Liquidity Overall' including the 'Queued Cash Transfer Order Credits' including the 'Earmarked Cash Transfer Order Credits' reduced by 'Queued Cash Transfer Order Debits' reduced by 'Earmarked Cash Transfer Order Debits'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Liquidity Overall	This column shows the sum of the liquidity in the whole system, including CLM, RTGS, T2S and TIPS balances and



	RVIEW AMG SELECTION LIST VIEW – DISPLAY SCREEN – TY OVERVIEW DASHBOARD AMG SELECTION LIST VIEW
	the credit line in CLM.
	It consists of 'Available Liquidity in CLM' including the 'RTGS Balance' including the 'TIPS Account Balance' including the 'T2S DCA Balance'.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Available Liquidity in CLM	This column shows the available liquidity per cash account in CLM.
	It consists of 'CLM Balance' including the 'Credit Line' reduced by seizure of funds amount.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
Credit Line	This column shows the credit line of the default MCA.
	It contains a sum of the amount of all listed credit lines at the bottom of the column.
CLM Balance	This column shows the CLM balances of the selected cash accounts.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
RTGS Balance	This column shows the RTGS balances of the selected cash accounts.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
TIPS Account Balance	This column shows the TIPS Account balances of the selected TIPS Accounts.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
T2S DCA Balance	This column shows the T2S balances of the selected T2S

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	RVIEW AMG SELECTION LIST VIEW – DISPLAY SCREEN – TY OVERVIEW DASHBOARD AMG SELECTION LIST VIEW
	DCAs.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
Value of available collateral in T2S	This column shows the value of the available collateral in T2S related to each T2S account.
	It contains a sum of the amount of all listed available collateral positions in T2S at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
	During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).
Value of the outstanding auto- collateralisation amount in T2S	This column shows the value of the available auto- collateralisation in T2S related to each T2S account.
	It contains a sum of the amount of all listed outstanding auto- collateralisation positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
	During the CRDM data replication on T2S settlement tables the value shown in this row refers to the previous business day (value for the row as provided by T2S to T2).
Queued Credit Cash Transfer Orders	This column shows the sum of all queued credit cash transfer orders related to the selected cash account in CLM and RTGS.
	It contains a sum of the amount of all listed queued cash transfer order credit positions at the bottom of the column.



RESULTS – DISPLAY LIQUIDI	TY OVERVIEW DASHBOARD AMG SELECTION LIST VIEW
Queued Debit Cash Transfer Orders	This column shows the sum of all queued debit cash transfer orders related to the selected cash account in CLM and RTGS. It contains a sum of the amount of all listed queued cash transfer order debit positions at the bottom of the column.
Earmarked Credit Cash Transfer	This column shows the sum of all earmarked credit cash transfer orders related to the selected cash account in CLM and RTGS.
Orders	It contains a sum of the amount of all listed earmarked cash transfer order credit positions at the bottom of the column.
Earmarked Debit Cash Transfer	This column shows the sum of all earmarked debit cash transfer orders related to the selected cash account in CLM and RTGS.
Orders	It contains a sum of the amount of all listed earmarked cash transfer order debit positions at the bottom of the column.

DASHBOARD LIQUIDITY OVERVIEW AMG SELECTION LIST VIEW - DISPLAY SCREEN ·

Table 137 - Dashboard Liq. Ov. AMG Sel. List View – Display Liq. Ov. Dashboard AMG Sel. List View

5.2.10 Available Liquidity on Banking Group Level – List Screen

Context ofThis screen displays aggregated liquidity information per Banking Group meeting a
defined set of criteria. These criteria were defined on the Dashboard Liquidity Overview –
Query Screen [▶ 191].

The liquidity of the central bank which is always defined as banking group leader (see CLM UDFS chapter 'Types of groups') is not included in the aggregated liquidity information of the banking group.

When the crisis situation is activated by the operator, the aggregated liquidity information of a banking group also contains detailed liquidity information of banking group members not belonging to the community of the central bank user.

This screen is only available for operator and central bank users.

Screen Access This screen can be reached in the following way:

- I Liquidity >> Dashboard Liquidity Overview Query Screen >> [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryLiqBanGroLev
- **References** This screen is part of the following use case:



I <u>Query and display cash account liquidity (dashboard)</u> [▶ 499]

Screenshot

≡		List of Available Liqui Query Dashboard Liquidity Ov			up Level							☆	?	٠	
+	Search Criteria														
-	Results											Last Refresh: 202	3-01-02 12:40	:07 CET R	efresh
	Banking Group ID	Projected Liquidity Overall	Liquidity Overall	Available Liquidity CLM	Credit Line	CLM Balance	RTGS Balance	TIPS Balance	T2S DCA Balance	Queued Cash Transfers Credit	Queued Cash Transfers Debit	Earmarked Cash Tra	nsfers Credit	Earmarkee	6
	BGM49	72,462,789.88 EUR	76,712,789.88 EUR	31,500,444.00 EUR	1,000,000.00 EUR	30,500,444.00 EUR	45,212,345.88 EUR	0.00 EUR	0.00 EUR	~4,500,000.00 EUR	0.00 EUR	25	0,000.00 EUR		
	BGM50	448,195,158.00 EUR	443,444,657.00 EUR	438,444,657.00 EUR	1,000,000.00 EUR	437,444,657.00 EUR	5,000,000.00 EUR	0.00 EUR	0.00 EUR	501.00 EUR	-4,500,000.00 EUR		0.00 EUR		
	BGM51	49,527,770.00 EUR	49,527,770.00 EUR	20,000,000.00 EUR	3,000,000.00 EUR	17,000,000.00 EUR	29,527,770.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR		
	BGM52	401,070,637.00 EUR	401,070,637.00 EUR	386,068,254.00 EUR	1,000,000.00 EUR	385,068,254.00 EUR	15,002,383.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR		
	BGM54	14,912,378.00 EUR	14,912,378.00 EUR	14,912,378.00 EUR	1,000,000.00 EUR	13,912,378.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR		
	BGM56	9,000,000.00 EUR	9,000,000.00 EUR	9,000,000.00 EUR	1,000,000.00 EUR	8,000,000.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR		
	BGM58	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00 EUR		
	BGM59	32.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	21.00 EUR	-11.00 EUR		0.00 EUR		
		995,168,764.88 EUR	994,668,231.88 EUR	899,925,733.00 EUR	8,000,000.00 EUR	891,925,733.00 EUR	94,742,498.88 EUR	0.00 EUR	0.00 EUR	-4,499,478.00 EUR	-4,500,011.00 EUR	25	0,000.00 EUR		
	< « < 1 >	> >> Results 1 to 8 of 8													•

Figure 138 - Available Liquidity on Banking Group Level – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Dashboard Liquidity Overview – Query Screen</u>.

	NKING GROUP LEVEL – LIST SCREEN – RESULTS – LIST OF E LIQUIDITY ON BANKING GROUP LEVEL
Banking Group ID	This column shows the Banking Group ID of the parties.
Projected Liquidity Overall	This column shows the projected liquidity that will be available, if all queued and earmarked transactions are settled per Banking Group.
	It consists of 'Liquidity Overall' including the 'Queued Cash Transfer Orders Credit' including the 'Earmarked Cash Transfer Orders Credit' reduced by 'Queued Cash Transfer Orders Debit' reduced by 'Earmarked Cash Transfer Orders Debit'.
	Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Liquidity Overall	This column shows the sum of all liquidity in the whole system, including CLM, RTGS, T2S and TIPS balances and the credit line in CLM per Banking Group. It consists of 'Available Liquidity in CLM' including the 'RTGS
	Balance' including the 'TIPS Balance' including the 'T2S Balance'.



	KING GROUP LEVEL – LIST SCREEN – RESULTS – LIST OF LIQUIDITY ON BANKING GROUP LEVEL
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Available Liquidity in CLM	This column shows the available liquidity per Banking Group in CLM. It consists of 'CLM Balances' including the 'Credit Line' reduced by seizure of funds amount. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
Credit Line	This column shows the sum of credit lines of all default MCAs belonging to the Banking Group. It contains a sum of the amount of all listed credit lines at the bottom of the column.
CLM Balances	This column shows the sum of balances of the accounts being owned by the members (parties) of the banking group. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
RTGS Balances	This column shows the sum of RTGS balances of the cash accounts in RTGS per Banking Group. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
TIPS Balances	This column shows the sum of TIPS Account balances and TIPS AS Technical Account balances of the selected Banking Group. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.
T2S Balances	This column shows the sum of T2S balances of the selected Banking Group. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information



	IKING GROUP LEVEL – LIST SCREEN – RESULTS – LIST OF LIQUIDITY ON BANKING GROUP LEVEL
	query for at least one account located in T2S fails, then the value 'Not available' is shown.
Queued Cash Transfer Orders Credit	This column shows the sum of all queued cash transfer order credits related to cash accounts in CLM and RTGS belonging to the Banking Group. It contains a sum of the amount of all listed queued cash transfer order credit positions at the bottom of the column.
Queued Cash Transfer Orders Debit	This column shows the sum of all queued cash transfer order debits related to cash accounts in CLM and RTGS belonging to the Banking Group. It contains a sum of the amount of all listed queued cash transfer order debit positions at the bottom of the column.
Earmarked Cash Transfer Orders Credit	This column shows the sum of all earmarked cash transfer order credits related to cash accounts in CLM and RTGS belonging to the Banking Group. It contains a sum of the amount of all listed earmarked cash transfer order credit positions at the bottom of the column.
Earmarked Cash Transfer Orders Debit	This column shows the sum of all earmarked cash transfer order debits related cash accounts in CLM and RTGS belonging to the Banking Group. It contains a sum of the amount of all listed earmarked cash transfer order debit positions at the bottom of the column.

Table 138 - Available Liq. on Banking Group Lvl. – List of Available Liq. on Banking Group Lvl.

Context Menu

AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL – LIST SCREEN – RESULTS – CON-TEXT MENU Display Details of Available This context menu entry redirects the user to the Detailed Liquidity on Banking Group Available Liquidity on Banking Group Level – List Screen

Required privilege: CLM_QueryLiqBanGroLev

[▶ 281] displaying detailed information on banking group level.

Table 139 - Available Liq. on Banking Group Lvl. – List Screen – Context Menu

Level



	5.2.11 Detailed Available Liquidity on Banking Group Level – List Screen					
Context of Usage	This screen displays aggregated liquidity information related to party BICs belonging to a specific banking group. These criteria were defined on the <u>Available Liquidity on Banking</u> <u>Group Level – List Screen</u> [▶ 277] and by selecting a specific banking group via context menu.					
	The liquidity of the central bank which is always defined as banking group leader (see CLM UDFS chapter 'Types of groups') is not included in the aggregated liquidity information of the banking group.					
	This screen is only available for operators and central bank users.					
	When the crisis situation is activated by the operator on the 'Available Liquidity on Banking Group Level – List Screen', liquidity information related to party BICs not belonging to the community of the central bank user are also shown.					
	The central bank user is able to see all party BICs and balances belonging to the specific banking group but can only see balances of party BICs belonging to his community in normal circumstances. If the crisis situation is activated by the crisis manager, the central bank is able to see balances of all banking group members.					
Screen Access	This screen can be reached in the following way:					
	I Liquidity >> Dashboard Liquidity Overview – Query Screen >> [Submit] >> Available Liquidity on Banking Group Level – List Screen >> Context menu entry 'Display De- tails of Available Liquidity on Banking Group Level'					
Privileges	To use this screen the following privilege is needed:					
	I CLM_QueryLiqBanGroLev					
References	This screen is part of the following use case:					
	I Query and display cash account liquidity (dashboard) [▶ 499]					



Screenshot

≡				y on Banking Group Lev able Liquidity on Banking Group Lev											? 🏟	: (
- A	Available LiquidBy on Banking Group Level															
	Banking Group II	Projected Liquidity Overall	Liquidity Overall	Available Liquidity in CLM Cre	edit Line C	LM Balances	RTGS Balances	TIPS Balances	T2S Bala	nces Que	eued Cash Transf	er Orders Credit Qu	eued Cash Transfer Orders [ebit Earmarked	Cash Transfer	Orders Cre
1	BG1	1,039,548,927.02 EUR	1,163,333,927.52 EU	IR 888,403,929.02 EUR 1,9	48,000.00 EUR 8	98,455,929.02 EUR	136,129,998.50 EUR	83,800,000.00 EUR	55,000,00	0.00 EUR		0.00 EUR	-38,000,000.00	EUR		0.00 E
_ 1	4															+
	lesults															
-		railable Liquidity on Banking Gr	roup Level													
- 2		rojected Liquidity Overall		Liquidity Overall		Available Liqui			edit Line			CLM Balances		RTGS Balar	<es< td=""><td></td></es<>	
	PBAAGRATIXX		474,225,927.02 EUR		598,010,927.52 EU			80,929.02 EUR			1,948,000.00 E		333,132,929.03			136,1
-	PEABGRATIOX		565,323,000.00 EU		565,323,000.00 EU			123,000.00 EUR			0.00 E		565,323,000.00			
	-	1	1039548927.02 EUF		163333927.52 EU	R	8884	103929.02 EUR			1948000.00E	UR	898455929.02	EUR		1
- 1	« < 1	> >> Results 1 to 2 of 2	:													B-
U	ist of Cash Trans	lers														
	Queue Position	Instruction ID	End to End ID	Message Type	Debit A	ccount	Debit Account Type	Credit Account		Credit Account	t Type Amount	Cash Transfer Statu	s Earliest Debit Timestamp	Latest Debit Tin	estamp Sett	lement Tin
			т		FGREUR	CEXXGRD0X0X01	RTGS CB Account	RGREURPBAAGRA	ATXOORD1	RTGS DCA		Settled	Invalid Date	Invalid Date	Inval	id Date
			UHB Test		RGREUF	IPBAAGRATX0001	RTGS DCA	UGREURPBAAGR	ATXXXIII	RTGS Sub-Acco	ount	Settled	Invalid Date	Invalid Date	Inval	id Date
		D1001-8062918124935601	TGT-ID1001	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXIII	RTGS DCA		Warehoused	Invalid Date	Invalid Date	Inval	id Date
	1	D1002-8062918124935602	TGT-ID1002	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATX0X01	RTGS DCA	RGREURPBACGRA	ATXXXXIII	RTGS DCA		Queued	Invalid Date	Invalid Date	Inval	id Date
		D1002-WA-B062918124935602	TGT-ID1002-WA	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATX00001	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Earmarked	Invalid Date	Invalid Date	Inval	id Date
-	2	D1004-8062918124935604	TGT-ID1004	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATXXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Queued	Invalid Date	Invalid Date	Inval	id Date
		D1005-8062918124935605	TGT-ID1005	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXIII	RTGS DCA		Settled	Invalid Date	Invalid Date	Inval	id Date
		D1015-8062918124935615	TGT-ID1015	inancial Institution Credit Transfer (P	Pacs.009) RGREUF	IPBAAGRATXXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Settled	Invalid Date	Invalid Date	Inval	id Date
		D1003-8062918124935603	TGT-ID1003	Customer Credit Transfer (Pacs.008)	RGREUF	IPBAAGRATXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Earmarked	Invalid Date	Invalid Date	Inval	id Date
		D1011-8062918124935611	TGT-ID1011	inancial Institution Credit Transfer (P	Pacs.009) RGREUF	IPBAAGRAD0001	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Warehoused	Invalid Date	Invalid Date	Inval	id Date
		D1012-8062918124935612	TGT-ID1012	inancial Institution Credit Transfer (P	Pacs.009) RGREUF	IPBAAGRATXOX01	RTGS DCA	RGREURPBACGRA	ATXXXXII I	RTGS DCA		Earmarked	Invalid Date	Invalid Date	Inval	id Date
		D1013-8062918124935613	TGT-ID1013	inancial Institution Credit Transfer (P	Pacs.009) RGREUF	IPBAAGRATXXXX01	RTGS DCA	RGREURPBACGRA	ATXXXXIII	RTGS DCA		Earmarked	Invalid Date	Invalid Date	Inval	id Date
		D1014-8062918124935614	TGT-ID1014	inancial Institution Credit Transfer (P	Pacs.009) RGREUP	IPBAAGRATICOX01	RTGS DCA	RGREURPBACGRA	ATXXXXIII	RTGS DCA		Settled	Invalid Date	Invalid Date	Inval	id Date

Figure 139 - Detailed Available Liquidity on Banking Group Level – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Available Liquidity on Banking Group Level' section see chapter <u>Available Liquidity on Banking</u> <u>Group Level – List Screen</u>.

DETAILED AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL – LIST SCREEN – RE- SULTS – LIST OF DETAILED AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL						
Party BIC	This column shows the party BICs which belong to a specific Banking Group.					
Projected Liquidity Overall	This column shows the projected liquidity that will be available, if all queued and earmarked transactions per party are settled. It consists of 'Liquidity Overall' including the 'Queued Cash Transfer Orders Credit' including the 'Earmarked Cash Transfer Orders Credit' reduced by 'Queued Cash Transfer Orders Debit' reduced by 'Earmarked Cash Transfer Orders Debit'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.					
Liquidity Overall	This column shows the sum of the liquidity per party in the whole system, including CLM, RTGS, T2S and TIPS balances					



	IDITY ON BANKING GROUP LEVEL – LIST SCREEN – RE- D AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL
	and the credit line in CLM. It consists of 'Available Liquidity in CLM' including the 'RTGS Balance' including the 'TIPS Balance' including the 'T2S Balance'.
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Available Liquidity in CLM	This column shows the available liquidity per party in CLM. It consists of 'CLM Balances' including the 'Credit Line' reduced by seizure of funds amount. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
Credit Line	This column shows the credit line of the default MCA. It contains a sum of the amount of all listed credit lines at the bottom of the column.
CLM Balances	This column shows the CLM balances of the party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
RTGS Balances	This column shows the RTGS balances of the party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
TIPS Balances	This column shows the TIPS Account balances and TIPS AS Technical Account balances of the party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.
T2S Balances	This column shows the T2S balances of the party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.

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	IDITY ON BANKING GROUP LEVEL – LIST SCREEN – RE- D AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL
Queued Cash Transfer Orders Credit	This column shows the sum of all queued cash transfer order credits related to the party in CLM and RTGS. It contains a sum of the amount of all listed queued cash transfer order credit positions at the bottom of the column.
Queued Cash Transfer Orders Debit	This column shows the sum of all queued cash transfer order debits related to the party in CLM and RTGS. It contains a sum of the amount of all listed queued cash transfer order debit positions at the bottom of the column.
Earmarked Cash Transfer Orders Credit	This column shows the sum of all earmarked cash transfer order credits related to the party in CLM and RTGS. It contains a sum of the amount of all listed earmarked cash transfer order credit positions at the bottom of the column.
Earmarked Cash Transfer Orders Debit	This column shows the sum of all earmarked cash transfer order debits related to the party in CLM and RTGS. It contains a sum of the amount of all listed earmarked cash transfer order debit positions at the bottom of the column.

Table 140 - Detailed Available Liq. on Banking Group Lvl. – List of Det. Avail. Liq. on Banking Group Lvl.

DETAILED AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL - LIST SCREEN - RE-SULTS – LIST OF CASH TRANSFERS

This section shows a result list of cash transfers corresponding to the selected banking group.

Required privilege: CLM_QueryCashTrans

Queue Position	This column shows the position of the cash transfer in the respective queue. This column only contains a value if the respective cash transfer is queued.
Instruction ID	This column shows the instruction identification of the cash transfer which can be assigned by an instructing party. The instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction.
End to End ID	This column shows the end-to-end identification of a cash



DETAILED AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL – LIST SCREEN – RE- SULTS – LIST OF CASH TRANSFERS					
	transfer which is assigned by the initiating party.				
	This identification is passed on, unchanged, throughout the entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction.				
Message Type	This column shows the message type of the cash transfer.				
Debit Account	This column shows the account BIC or the account number of the debit account, depending on the cash transfer type. In case of a liquidity transfer the account number is displayed. In case of a payment, the account BIC is displayed.				
Debit Account Type	This column shows the account type of the account that is debited by the cash transfer.				
Credit Account	This column shows the account BIC or the account number of the credit account, depending on the cash transfer type. In case of a liquidity transfer the account number is displayed. In case of a payment, the account BIC is displayed.				
Credit Account Type	This column shows the account type of the account that is credited by the cash transfer.				
Amount	This column shows the amount and currency of the cash transfer. In case of a partial execution, the partially settled amount is shown.				
Cash Transfer Status	This column shows the status of the cash transfer.				
Earliest Debit Timestamp	This column shows the earliest debit timestamp of the payment order.				
Latest Debit Timestamp	This column shows the latest debit timestamp of the payment order.				
Settlement Timestamp	This column shows the settlement timestamp of the cash transfer. If the cash transfer order has not yet been settled, no value is displayed.				
Cash Transfer Type	This column shows the type of the cash transfer.				



DETAILED AVAILABLE LIQUIDITY ON BANKING GROUP LEVEL – LIST SCREEN – RE- SULTS – LIST OF CASH TRANSFERS		
From BIC (BAH)	This column shows the business sender BIC in the BAH.	
To BIC (BAH)	This column shows the business receiver BIC in the BAH.	
Counterparty Country	This column shows the country code for the counterparty.	
Business Case ID	This column shows the business case ID of the cash transfer.	
Clearing System Reference	This column shows the CLM booking reference for the cash transfer.	
UETR	This column shows the UETR for the cash transfer.	
Value Date	This column shows the value date of the cash transfer.	
Entry Timestamp	This column shows the entry timestamp of the cash transfer.	

Table 141 - Detailed Available Liq. on Banking Group Lvl. – List of Cash Transfers

5.2.12 CLM Cash Account Liquidity – Query Screen

Context of	This screen offers the possibility to query the overall liquidity of an MCA that takes into
Usage	account posted cash transfers and pending cash transfer orders to provide a liquidity
	projection as well as the current balance on the account.

Screen Access This screen can be reached in the following way:

I Liquidity >> CLM Cash Account Liquidity – Query Screen

Privileges To use this screen the following privilege is needed:

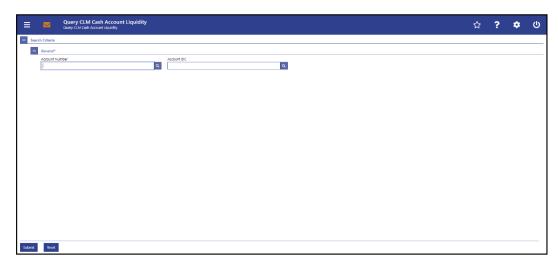
I CLM_QueryAvaLiq

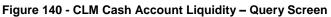
References This screen is part of the following use case:

I <u>Display cash account liquidity (one service only)</u> [▶ 498]



Screenshot





Field Descriptions

CLM CASH ACCOUNT LIQUIDITY – QUERY SCREEN – GENERAL*	
This field offers the possibility to enter the account number whose liquidity is to be displayed.	
It is only possible to enter account numbers of a valid and existing MCA.	
The user can enter the account number manually or search for it by clicking on the smart-select button and opening the <u>Cash</u> <u>Account Reference Data – Query Screen</u> [> 362] as a pop-up.	
This field and the field 'Account BIC' are mutually exclusive. Required format: up to 34 characters – with the following additional restrictions to the input value:	
I Must not start or end with a space, but may have space/s within the middle	
I Must not start or end with a slashI May contain slashes within the middle, but not more than one consecutive slash	
This field offers the possibility to enter the BIC of the account whose liquidity is to be displayed.	
It is only possible to enter the account BIC of a valid MCA. The user can enter the account BIC manually or search for it by clicking on the smart-select button and opening the <u>BICs</u> – <u>Query Screen</u> [▶ 373] as a pop-up. While searching, the displayed values are not restricted to the data scope of the	



Buttons

Liquidity

CLM CASH ACCOUNT LIQUIDITY – QUERY SCREEN – GENERAL*			
	This field and the field 'Account Number' are mutually exclusive.		
	Required format: 8 or 11 characters		

Table 142 - CLM Cash Account Liquidity – Query Screen – General

CLM CASH ACCOUNT LIQUIDITY – QUERY SCREEN – BUTTONS		
Submit	The user can click on this button to query the liquidity of the account matching the entered criteria. The result list will be displayed in the <u>CLM Cash Account</u>	
	<u>Liquidity – Display Screen</u> [≥ 288].	
Reset	The user can click on this button to reset all fields to their default values.	

Table 143 - CLM Cash Account Liquidity – Query Screen – Buttons

5.2.13 CLM Cash Account Liquidity - Display Screen

- Context of This screen displays the overall liquidity of a CLM account that takes into account posted Usage cash transfers and pending cash transfer orders to provide a liquidity projection as well as the current balance on the account.
- **Screen Access** This screen can be reached in the following way:
 - Liquidity >> CLM Cash Account Liquidity Query Screen >> [Submit] I
- **Privileges** To use this screen the following privilege is needed:
 - CLM_QueryAvaLiq

References This screen is part of the following use case:

Display cash account liquidity (one service only) [498] I



Screenshot

Display CL Query CLM Carl	I Cash Account Liquidity Account Liquidity			☆ ? ✿
Search Criteria				
Results				Last Refresh: 2023-06-12 16/40/02 CEST
Account Information				
Party BIC		Party Name	Account Number	Account BC
PEAADRATXXX		Payment Bank GR 1	MORELIR PEAAGRATICOID1	PBAAGBATXC1
Liquidity Information				
Starting Balance				109.327.91
Settled Cash Transfers				
Settled Debit Liquidity Transfe				-15,000.0
 Settled Credit Liquidity Transfe 	5			8,500
Settled Debit Payments				
 Settled Credit Payments 				31,950)
Current Balance				134,777.9
Credit Une				
Available Liquidity				122,777.9
Queued Cash Transfers				
Queued Debit Payments				
Laured Credit Nyments				
Pending Credit Line Changes				
Earmarked Cash Transfers				
Earmanied Debit Cash Transfe				
Earmaniaed Credit Cash Transfe				
Projected Liquidity				122,777,9
Reservations				
Reservations for Central Bank	perations			5.000.0
Reservations for Seloure of Fur	da .			12,000)
Pending Reservations				
Reservations for Central Bank:	oerations			
Reservations for Seloure of Fur				
Floor/Ceiling Information				
Floor Threshold				

Figure 141 - CLM Cash Account Liquidity – Display Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter CLM Cash Account Liquidity – Query Screen [▶ 286].



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – ACCOUNT INFOR-		
	MATION	
Party BIC	This field shows the party BIC.	
Party Name	This field shows the party name.	
Account Number	This field shows the account number.	
Account BIC	This field shows the BIC of the account.	

Table 144 - CLM Cash Account Liquidity – Display Screen – Results – Account Information

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – LIQUIDITY INFOR-		
MATION		
Starting Balance	This row shows the starting balance of the account.	

Table 145 - CLM Cash Account Liquidity – Display Screen – Results – Liquidity Information

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – SETTLED CASH TRANSFERS			
Settled Debit Liquidity Transfers	This row shows the total amount value of settled debit liquidity transfers orders.		
	 Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the <u>Cash</u> <u>Transfers - List Screen</u> [> 94] opens while transmitting the following values: Credits / Debits Cash Transfer Type Cash Transfer Status Account Number Account BIC 		
	I CLM_QueryCashTransI CLM_QueryCashTransDetails		
Settled Credit Liquidity Transfers	This row shows the total amount value of settled credit liquidity transfers orders. Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the 'Cash		



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – SETTLED CASH TRANSFERS		
	Transfers - List Screen' opens while transmitting the following values: I Credits / Debits I Cash Transfer Type I Cash Transfer Status I Account Number I Account BIC Required privileges: I CLM_QueryCashTrans I CLM_QueryCashTransDetails	
Settled Debit Payments	 This row shows the total amount value of settled debit payment orders. Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following values: Credits / Debits Cash Transfer Type Cash Transfer Status Account Number Account BIC Required privileges: CLM_QueryCashTrans CLM_QueryCashTransDetails 	
Settled Credit Payments	 This row shows the total amount value of settled credit payment orders. Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following values: Credits / Debits Cash Transfer Type 	



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – SETTLED CASH TRANSFERS		
	 Cash Transfer Status Account Number Account BIC Required privileges: CLM_QueryCashTrans CLM_QueryCashTransDetails 	
Current Balance	This row shows the current balance. The current balance consists of the 'Starting Balance' combined with the 'Settled Cash Transfers'.	
Credit Line	This row shows the credit line for the selected MCA. This row will only show a value if the selected MCA is the default MCA.	
Available Liquidity	This row shows the available liquidity. The available liquidity consists of the 'Current Balance' including the 'Credit Line' reduced by 'Reservations for Seizure of Funds'.	

Table 146 - CLM Cash Account Liquidity – Display Screen – Results – Settled Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – QUEUED CASH TRANSFERS		
Queued Debit Payments	This row shows the total amount value of queued debit payment orders. Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following values:	
	 Credits / Debits Cash Transfer Type Cash Transfer Status Account Number Account BIC Required privilege: CLM_QueryCashTrans 	
Queued Credit Payments	This row shows the total amount value of queued credit	



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – QUEUED CASH	
	TRANSFERS
	payment orders.
	Furthermore, the arrow icon offers the possibility to display a
	list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following
	values:
	I Credits / Debits
	I Cash Transfer Type
	I Cash Transfer Status
	Account Number
	I Account BIC
	Required privilege: CLM_QueryCashTrans
Pending Credit Line Changes	This row shows the pending changes of the credit line.
	Furthermore, the arrow icon offers the possibility to display a
	list of credit line(s) per account holder. By clicking on the
	arrow icon, the Credit Line per Account Holder - List Screen
	[298] opens while transmitting the following values:
	Account Number
	Required privilege: CLM_QueryCreLineList

Table 147 - CLM Cash Account Liquidity – Display Screen – Results – Queued Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – EARMARKED CASH			
			TRANSFERS
Earmarked Transfers	Debit	Cash	This row shows the total amount value of earmarked debit cash transfer orders.
			Furthermore, the arrow icon offers the possibility to display a
			list of cash transfers. By clicking on the arrow icon, the 'Cash
			Transfers - List Screen' opens while transmitting the following
			values:
			I Credits / Debits
			I Cash Transfer Status
			I Account Number
			I Account BIC



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – EARMARKED CASH TRANSFERS			
	Required privilege: CLM_QueryCashTrans		
Earmarked Credit Cash Transfers	This row shows the total amount value of earmarked credit cash transfer orders. Furthermore, the arrow icon offers the possibility to display a list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following values: I Credits / Debits I Cash Transfer Status I Account Number I Account BIC Required privilege: CLM_QueryCashTrans		
Projected Liquidity	This row shows the projected liquidity. The projected liquidity consists of the 'Available Liquidity' combined with the 'Queued Cash Transfers' and the 'Earmarked Cash Transfers'. Note: The projected liquidity is only a non-binding forecast as it includes instructed but not yet debited/credited cash transfer orders of the future.		

Table 148 - CLM Cash Account Liquidity – Display Screen – Results – Earmarked Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – RESERVATIONS		
Reservations for Central Bank Operations	This row shows the total amount value of settled CBO reservations.	
Reservations for Seizure of Funds	This row shows the total amount value of settled seizure of funds reservations.	

Table 149 - CLM Cash Account Liquidity – Display Screen – Results – Reservations

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – PENDING RESERVA-			
TIONS			
Reservations for Central Bank Operations	This row shows the total amount value of pending CBO reservations.		
Reservations for Seizure of	This row shows the total amount value of pending seizure of		



CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – PENDING RESERVA-	
TIONS	
Funds	funds reservations.

 Table 150 - CLM Cash Account Liquidity – Display Screen – Results – Pending Reservations

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – FLOOR/CEILING IN- FORMATION	
Floor Threshold	This row shows the total trigger amount value of the floor threshold. The notification amount is only visible in CRDM and not in CLM.
Ceiling Threshold	This row shows the total trigger amount value of the ceiling threshold. The notification amount is only visible in CRDM and not in CLM.

Table 151 - CLM Cash Account Liquidity – Display Screen – Results – Floor/Ceiling Information

Buttons

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS – BUTTONS	
New Liquidity Transfer	The user can click on this button to create a new liquidity transfer. The Liquidity Transfer – New Screen [> 302] opens while transmitting the following value: I Account Number Required privilege: CLM_IniImLiquiTrans
Create/Modify Credit Line	The user can click on this button to create or modify a credit line. The <u>Credit Line per Account Holder – List Screen</u> [* 298] opens while transmitting the following value: I Account Number This button is only visible for: I Operator I CB Required privilege: CLM_QueryCreLineList

Table 152 - CLM Cash Account Liquidity – Display Screen – Results – Buttons

5.2.14 Credit Line per Account Holder – Query Screen

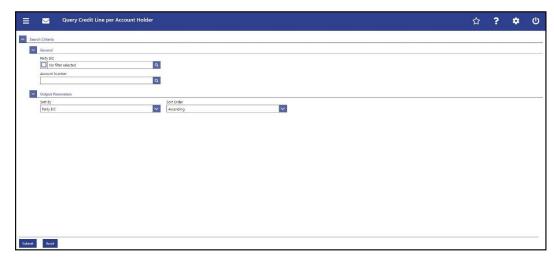
Context ofThis screen offers the possibility to query one or all credit lines for central bank usersUsagerelated to default MCAs within their banking community.



	The result list can be filtered by 'Party BIC' or 'Main Cash Account' and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.
	The credit line(s) matching the data of the search fields are shown in the <u>Credit Line per</u> <u>Account Holder – List Screen</u> [▶ 298].
	This screen is only available for operators and central bank users.
Screen Access	This screen can be reached in the following way:
	I Liquidity >> Credit Line per Account Holder – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryCreLineList
References	This screen is part of the following use case:
	I <u>List credit lines</u> [▶ 502]



Screenshot





Field Descriptions

CREDIT LINE PER ACCOUNT HOLDER – QUERY SCREEN – GENERAL	
Party BIC	This field offers the possibility to restrict the result list to a credit line of one or more specific party BIC(s).
	The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [▶ 354] as a pop-up.
	The user can also leave this field empty in order to display all credit lines for default MCAs belonging to the community.
	Required format: 8 or 11 characters
Account Number	 This field offers the possibility to restrict the result list to a credit line of a specific account number. The user can enter the account number manually or search for it by clicking on the smart-select button and opening the <u>Cash</u> Account Reference Data – Query Screen [362] as a pop-up. The user can also leave this field empty in order to display all credit lines for default MCAs belonging to the community. Required format: up to 34 characters – with the following additional restrictions to the input value: Must not start or end with a space, but may have space/s within the middle Must not start or end with a slash
	I May contain slashes within the middle, but not more than one consecutive slash

Table 153 - Credit Line per Account Holder – Query Screen – General



Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: I Party BIC I Main Cash Account Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: Ascending Descending Default value: 'Ascending'

CREDIT LINE PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAMETERS

Table 154 - Credit Line per Account Holder – Query Screen – Output Parameters

Buttons	CREDIT LINE PER ACCOUNT HOLDER – QUERY SCREEN – BUTTONS	
	Submit	The user can click on this button to query credit line information matching the entered criteria. The result list will be displayed in the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [≥ 298].
	Reset	The user can click on this button to reset all fields to their default values.
	Table 155 - Credit Line per Account Holder – Query Screen – Buttons	
	5.2.15 Credit Line per Ac	count Holder – List Screen
Context of Usage		ecific or all credit lines for default MCAs meeting a defined e possibility to create or modify credit lines via a fixed or a
	[▶ 295] or implicitly defined w	hed on the <u>Credit Line per Account Holder – Query Screen</u> hen opening the screen <u>CLM Cash Account Liquidity –</u> cking on the button 'Create/Modify Credit Line' (with pre- per).

target | T2

	The result list shows the credit lines that are related to one or more specific Party BIC(s) or Account Number(s) or to all MCAs of the banking community of the central bank user (in case no specific value was entered for Party BIC or Account Number).	
	This screen is only available for operators and central bank users.	
Screen Access	This screen can be reached in the following ways:	
	I Liquidity >> Credit Line per Account Holder – Query Screen >> [Submit]	
	I Liquidity >> CLM Cash Account Liquidity – Query Screen >> [Submit] >> CLM Cash Account Liquidity – Display Screen >> [Create/Modify Credit Line]	
Privileges	To use this screen the following privilege is needed:	
	I CLM_QueryCreLineList	
References	This screen is part of the following use cases:	
	I <u>List credit lines</u> [▶ 502]	
	I <u>Create and modify credit line</u> [▶ 503]	
Screenshot	Image: Section of the section of th	
Field	Note: For the description of the attributes and their respective values in the search criteria	

Descriptions

Note: For the description of the attributes and their respective values in the search criteria section see chapter Credit Line per Account Holder – Query Screen [▶ 295].

CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF CASH AC- COUNT REFERENCE DATA		
Central Bank	This column shows the country code of the CB under which the account holder is defined.	
Party BIC	This column shows the party BIC of the account holder in the data scope of the user. Additionally, this column reveals the party short name via mouse-over function.	
Main Cash Account	This column shows the account number of all default MCAs of the CB in the data scope of the user.	
Current Credit Line	This column shows the current credit line defined for all default MCAs of the CB in the data scope of the user.	

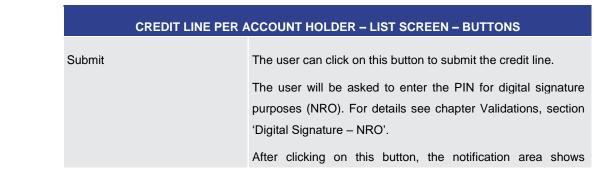


CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF CASH AC-	
	COUNT REFERENCE DATA
Credit Line Used	This column shows the amount of the default MCA credit line that the CLM Account Holder already used for the current business day.
Available Credit Line	This column shows the remaining amount of the default MCA credit line that the CLM Account Holder can still use for the current business day.
Pending Credit Line Update	This column shows any pending credit line update for the default MCA.



CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF CASH AC- COUNT REFERENCE DATA		
Credit Line After Update	This column shows the result of 'Current Credit Line' reduced by 'Pending Credit Line Update'.	
Fixed Amount Credit Line	This column offers the possibility to enter a new credit line or to make a credit line update as a fixed amount, i.e. the specification of a new credit line as an absolute amount. A fixed amount can only be a positive amount or zero. A reduction of the credit line to zero is considered as a deletion of the credit line. It is only possible to enter either a fixed amount or a delta amount. Required format: decimal, up to 18 total digits including 2 fractional digits Required privilege: CLM_IniCreLineupd	
Delta Amount Credit Line	 This field offers the possibility to enter the credit line as a difference between the old and the new value. A negative value reduces the credit line and a positive value increases the credit line. A reduction of the credit line to zero is considered as a deletion of the credit line. Negative amounts are entered using a '-' in front of the amount and are shown in red colour. It is only possible to enter either a fixed amount or a delta amount for credit line modification. Required format: decimal, up to 18 total digits including 2 fractional digits Required privilege: CLM_IniCreLineupd 	

Table 156 - Credit Line per Account Holder – List Screen – Results – List of Cash Account RD



Buttons



CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – BUTTONS	
	 whether the data submission was successful and whether a task could be created. In case of successful data submission, it also shows a task ID. References for error messages [563] I E018 I E074 I U040 I U041 I U044 I U045 I U109
Reset	The user can click on this button to reset all fields to their default values.

Table 157 - Credit Line per Account Holder – List Screen – Buttons

5.2.16 Liquidity Transfer – New Screen

Context of

This screen offers the possibility to create a new liquidity transfer order. Usage

The transfer of funds can occur within CLM (intra-service liquidity transfer order) or between MCAs or CLM CB Accounts and accounts held in other settlement services (inter-service liquidity transfer order).

For details related to intra-service liquidity transfer orders see CLM UDFS, chapter 'Types of groups' related to 'Liquidity Transfer Group'.

This screen can also be used to initiate or reverse an overnight deposit or a marginal lending on request. 98

The credited and debited accounts must be denominated in the same currency.

This screen furthermore offers the possibility to display the amount of liquidity available on the debit or credit cash account.

This screen only allows the creation of an immediate liquidity transfer order. A standing order liquidity transfer can be created in CRDM.

Screen Access This screen can be reached in the following ways:

> Liquidity >> Liquidity Transfer - New Screen

⁹⁸ For marginal lending on request only until ECMS go-live



	I Liquidity >> CLM Cash Account Liquidity – Query Screen >> [Submit] >> CLM Cash Account Liquidity – Display Screen >> [New Liquidity Transfer]
	I Standing Facilities >> Standing Facilities – Query Screen >> [Submit] >> Context menu entry 'New Liquidity Transfer from Marginal Lending Account' ^{99 100}
	I Standing Facilities >> Standing Facilities – Query Screen >> [Submit] >> Context menu entry 'New Liquidity Transfer from/to Overnight Deposit Account' ¹⁰¹
Privileges	To use this screen the following privileges are needed:
	I CLM_IniImLiquiTrans
	I CLM_IniMarLenonreq (This privilege is only needed in order to be able to initiate a marginal lending on request.) ¹⁰²
	I CLM_IniOveDeprev (This privilege is only needed in order to be able to initiate an overnight deposit reversal.)
	I CLM_IniOveDep (This privilege is only needed in order to be able to initiate an over- night deposit.)
References	This screen is part of the following use cases:
	I Enter current liquidity transfer order [▶ 501]
	I <u>Enter overnight deposit</u> [▶ 504]

I Enter marginal lending on request [▶ 506]

99 Until ECMS go-live

100 Account type only relevant for users with party operating in EUR

102 Until ECMS go-live

¹⁰¹ Account type only relevant for users with party operating in EUR



Liquidity

Screenshot	New Liquidity Transfer	☆	?	٠	ወ
	Liquidity Transfer Account Information				
	Debit Account Credit Account				
	Account Number* Account Number* Q				
	Display Liquidity Display Liquidity				
	Liquidity Transfer Details				
	Amount" End To End ID*				
	Debtor BIC Creditor BIC				
Submit					

Figure 144 - LT – New Screen

Field LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION -**Descriptions** DEBIT ACCOUNT Account Number* This field requires the user to enter the number of the cash account from which the transfer of funds is to take place. The user can enter the debit account number manually or search for it by clicking on the smart-select button and opening the Cash Account Reference Data - Query Screen [▶ 362] as a pop-up. While searching, the displayed values are restricted to the data scope of the user. The debit account number and the credit account number cannot be the same. If the screen is accessed from the CLM Cash Account Liquidity - Display Screen [> 288], the default value for the debit account is the CLM MCA account number from that screen.

Required format: up to 34 characters – with the following additional restrictions to the input value:

I Must not start or end with a space, but may have space/s within the middle



LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION –					
DEBIT ACCOUNT					
	 Must not start or end with a slash May contain slashes within the middle, but not more than one consecutive slash 				
	References for error messages [> 568]:				
	I U021				
	I U023				
	I U025				
	I U028				
	I U030				
	I U032				
	I U034				
	I U039				

Table 158 - LT – New Screen – Liquidity Transfer Account Information – Debit Account

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION -**DEBIT ACCOUNT – BUTTONS Display Liquidity** Clicking on this button opens the Dashboard Liquidity Overview - Query Screen [> 191] while transmitting the following value: I Debit Account – Account Number The opened screen shows additional information such as the current balance and the available liquidity of the corresponding account. This function is restricted to the data scope of the user. This button is subject to a validation to make sure that the user has the necessary rights to see the liquidity on the account. Required privilege: CLM_QueryAvaLiq

Table 159 - LT – New Screen – Liquidity Transfer Account Information – Debit Account – But-

tons



Field Descriptions	LIQUIDITY TRANSFER – NEW S	SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION – CREDIT ACCOUNT
	Account Number*	This field requires the user to enter the number of the cash account to which the transfer of funds is to take place.
		The user can enter the credit account number manually or search for it by clicking on the smart-select button and opening the <u>Cash Account Reference Data – Query Screen</u> [> 362] as a pop-up.
		While searching, the displayed values are restricted to the data scope of the user.
		The credit account number and the debit account number cannot be the same.
		Required format: up to 34 characters – with the following additional restrictions to the input value:
		I Must not start or end with a space, but may have space/s within the middle
		I Must not start or end with a slash
		I May contain slashes within the middle, but not more than one consecutive slash
		References for error messages [> 568]:
		I U023
		I U024
		I U025
		I U027
		I U028
		I U030
		I U033
		I U034
		I U038

Table 160 - LT – New Screen – Liquidity Transfer Account Information – Credit Account

Buttons

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION –								
CREDIT ACCOUNT – BUTTONS								
Display Liquidity	Clicking	on	this	button	opens	the	Dashboard	Liquidity



Field

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION – CREDIT ACCOUNT – BUTTONS Overview – Query Screen [▶ 191] while transmitting the following value: I Credit Account – Account Number The opened screen shows additional information such as the current balance and the available liquidity of the corresponding account. This function is restricted to the data scope of the user. This button is subject to a validation to make sure that the user has the necessary rights to see the liquidity on the account. Required privilege: CLM_QueryAvaLiq

Table 161 - LT – New Screen – Liquidity Transfer Account Information – Credit Account – Buttons

Field						
Descriptions	LIQUIDITY TRANSFER	– NEW SCREEN – LIQUIDITY TRANSFER DETAILS				
	Amount*	This field requires the user to enter the amount of funds that is subject to the transfer. Required format: decimal, up to 18 total digits including 0 to 2 fractional digits <u>References for error messages</u> [> 568]: I U023				
	End to End ID*	This field requires the initiating party to enter an end-to-end identification for the liquidity transfer order.				
		This identification is passed on, unchanged, throughout the entire end-to-end chain. It can be used for reconciliation or to link tasks relating to the transaction.				
		Required format: up to 35 characters – with the following additional restrictions to the input value:				
		I Must not start or end with a space, but may have space/s within the middle				
		I Must not start or end with a slash				
		I May contain slashes within the middle, but not more than one consecutive slash				
		References for error messages [568]:				



LIQUIDITY TRANSFER	- NEW SCREEN - LIQUIDITY TRANSFER DETAILS
Debtor BIC	This field can be filled with the BIC of the debtor when entering an outbound liquidity transfer to TIPS. There is no additional business validation done on CLM side. Required format: 8 to 11 characters <u>References for error messages</u> [▶ 568]: I U105
Creditor BIC	This field can be filled with the BIC of the creditor when entering an outbound liquidity transfer to TIPS. There is no additional business validation done on CLM side. Required format: 8 to 11 characters References for error messages [> 568]: I U106

Table 162 - LT – New Screen – Liquidity Transfer Details

LIQUIDITY TRANSFER – NEW SCREEN – BUTTONS				
Submit	The user can click on this button to submit the liquidity transfe order.			
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.			
	After clicking on this button, the notification area show whether the data submission was successful and whether task could be created. In case of successful data submission it also shows a task ID.			
	References for error messages [> 568]:			
	I E018			
	I E043			
	I E074			
	I E097			
	I U021			
	I U023			
	I U024			
	I U025			

Buttons



LIQUIDITY TRANSFER – NEW SCREEN – BUTTONS				
	I U027			
	I U028			
	I U030			
	I U032			
	I U033			
	I U034			
	I U035			
	I U036			
	I U038			
	I U039			
	I U040			
	I U041			
	I U044			
	I U105			
	I U106			
	I U109			
Reset	The user can click on this button to reset all fields to their default values.			

Table 163 - LT – New Screen – Buttons

5.3 Liquidity Management Features

5.3.1 Reservations – Query Screen

Context of Usage	This screen offers the possibility to query reservations in CLM. The reservations matching the data of the search fields are shown in the <u>Reservations –</u> <u>Display Screen</u> [▶ 312].			
	This screen can query existing reservations on a specific account or any MCA for which a reservation is to be entered for the current business day.			
Screen Access	This screen can be reached in the following way: I Liquidity Management Features >> Reservations – Query Screen			
Privileges	To use this screen the following privilege is needed:			



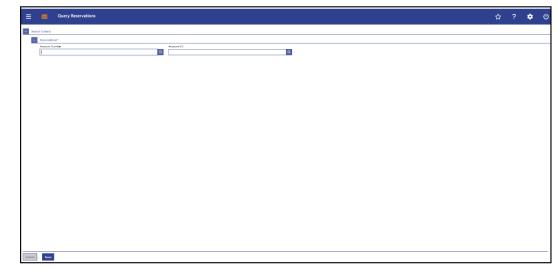
I CLM_QueryCurReservation

References This screen is part of the following use case:

I <u>Query reservations</u> [▶ 507]



Screenshot





Field Descriptions

RESERVATIONS – QUERY SCREEN – RESERVATIONS*				
Account Number	This field offers the possibility to enter the account number whose information on reservations is to be displayed.			
	The user can enter the account number manually or search for it by clicking on the smart-select button and opening the <u>Cash</u> <u>Account Reference Data – Query Screen</u> [▶ 362] as a pop-up.			
	While searching, the displayed values are restricted to the data scope of the user.			
	This field and the field 'Account BIC' are mutually exclusive.			
	Required format: up to 34 characters – with the following additional restrictions to the input value:			
	I Must not start or end with a space, but may have space/s within the middle			
	I Must not start or end with a slash			
	I May contain slashes within the middle, but not more than one consecutive slash			
Account BIC	This field offers the possibility to enter the account BIC of the account whose information on reservations is to be displayed.			
	The user can enter the account BIC manually or search for it by clicking on the smart-select button and opening the <u>Cash</u> <u>Account Reference Data – Query Screen</u> [* 362] as a pop-up.			
	While searching, the displayed values are restricted to the data scope of the user.			



RESERVATIONS – QUERY SCREEN – RESERVATIONS* This field and the field 'Account Number' are mutually exclusive. Required format: 8 or 11 characters

Table 164 - Reservations – Query Screen – Reservations

Buttons					
	RESERVATIONS – QUERY SCREEN – BUTTONS				
	Submit	The user can click on this button to query the information on reservations of the account matching the entered criteria.			
		The result list will be displayed in the <u>Reservations – Display</u> <u>Screen</u> [▶ 312].			
	Reset	The user can click on this button to reset all fields to their default values.			
	Table 165 - Reservations – Query Screen – Buttons				
	5.3.2 Reservations – Dis	olay Screen			
Context of Usage	This screen displays the reservation for central bank operations and the reservation for seizure of funds for a specific account.				
	The account whose reservations are displayed was defined on the <u>Reservations – Query</u> <u>Screen</u> [▶ 309].				
	This screen also offers the possibility to modify and enter reservations.				
	The amount of the reservation for central bank operations 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. Modifications done in CLM are only valid for the current business day.				
Screen Access	This screen can be reached in	the following way:			
	I Liquidity Management Fe	atures >> Reservations – Query Screen >> [Submit]			
Privileges	To use this screen the following	g privilege is needed:			
	I CLM_QueryCurReservati	on			
References	This screen is part of the follow	ving use cases:			
	I <u>Display reservations</u> [▶ 50]7]			
	I Enter current reservation	[▶ 508]			
	I <u>Modify current reservation</u> [▶ 509]				



Screenshot

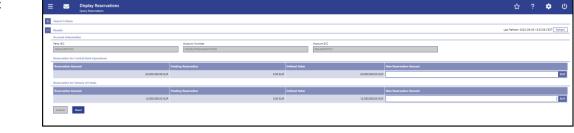


Figure 146 - Reservations – Display Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Reservations – Query Screen [▶ 309].



RESERVATIONS – DISPLAY SCREEN – RESULTS – ACCOUNT INFORMATION		
Party BIC	This field shows the party BIC. Additionally, this field reveals the party short name via mouse- over function.	
Account Number	This field shows the account number.	
Account BIC	This field shows the BIC of the account.	

Table 166 - Reservations – Display Screen – Results – Account Information

RESERVATIONS – DISPLAY SCREEN – RESULTS – RESERVATION FOR CENTRAL BANK OPERATIONS		
Reservation Amount	This field shows the entered amount of the reservation for CBOs.	
	If there is no pending reservation, this value is equal to the defined value <u>at the beginning of the business day.</u> { CR-143 }	
Pending Reservation	This field shows the amount of the pending CBOs reservation of the selected account.	
	A pending reservation occurs if a reservation order could not (or not completely) be processed due to lack of liquidity of the selected account.	
Defined Value	This field shows the current CBOs reservation reduced by the final payments (only debits) which affect the CBOs.	
New Reservation Amount	This field offers the possibility to enter a CBOs reservation or to modify the reservation for the current business day.	
	By submitting a new amount for the selected reservation, a task to initiate the update is created and sent to the task queue.	
	As soon as the related task is successfully processed, the reservation is updated with immediate effect.	
	Fixed value for setting the reservation to zero: 0.00	
	Required privilege: CLM_ModifyCurReservation	

Table 167 - Reservations – Display Screen – Results – Reservation for Central Bank Operations



RESERVATIONS – DISPLAY SCREEN – RESULTS – RESERVATION FOR SEIZURE OF		
	FUNDS	
Reservation Amount	This field shows the entered amount of the reservation for seizure of funds.	
	If there is no pending reservation, this value is equal to the defined value <u>at the beginning of the business day.</u> {CR-143}	
Pending Reservation	This field shows the amount of the pending seizure of funds reservation of the selected account.	
	A pending reservation occurs if a reservation order could not (or not completely) be processed due to lack of liquidity of the selected account.	
Defined Value	This field shows the current seizure of funds reservation reduced the final payments (only debits) which affect the seizure of funds.	
New Reservation Amount	This field offers the possibility to enter a new seizure of funds reservation or to modify the current reservation.	
	By submitting a new amount for the selected reservation, a task to initiate the update is created and sent to the task queue.	
	As soon as the related task is successfully processed, the reservation is updated with immediate effect.	
	Fixed value for setting the reservation to zero: 0.00	
	This entry is only visible for:	
	I CB	
	I Operator	
	Required privilege: CLM_ModSeizofFun	

Table 168 - Reservations – Display Screen – Results – Reservation for Seizure of Funds



Submit

Buttons

RESERVATIONS – DISPLAY SCREEN – BUTTONS	
RESERVATIONS - DISPERT SCREEN - DUTIONS	

In case a new value has been entered for the CBOs reservation, this button opens a confirmation pop-up displaying the information 'Modifications of Reservation for Central Bank Operations done in CLM are only valid for today'.

By clicking on the 'Ok' button, the user submits the changes and returns to the 'Reservations – Display Screen'. The notification area shows whether the data submission and task creation were successful. In case of successful data submission, the notification area also shows a task ID.

By clicking on the 'Cancel' button, the user returns to the 'Reservations – Display Screen' without modifying the reservations.

In case a new value has been entered for seizure of funds reservation, no pop-up is displayed after clicking on this button and the notification area shows whether the data submission and task creation were successful. In case of successful data submission, the notification area also shows a task ID.

The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.

Required privileges:

- I CLM_ModifyCurReservation
- I CLM_ModSeizofFun (This privilege is required in order to modify the seizure of funds.)

References for error message: [> 587]

- I E018
- E055
- E074
- U039
- I U040
- I U041
- I U044
- I U050



RESERVATIONS – DISPLAY SCREEN – BUTTONS		
	I U109	
Reset	 The user can click on this button to reset all fields to their default values. Required privileges: CLM_ModifyCurReservation CLM_ModSeizofFun (This privilege is required in order to modify the seizure of funds.) 	

Table 169 - Reservations – Display Screen – Buttons

5.4 Query Standing Facilities

5.4.1 Standing Facilities – Query Screen

Context ofThis screen offers the possibility to query standing facility account data of one CLMUsageAccount Holder.

This screen queries only account balances related to standing facility accounts (i.e. Overnight Deposit Accounts and Marginal Lending Accounts ¹⁰³) and their linked MCA related to one specific CLM Account Holder.

This screen is only relevant for users with party operating in EUR.

The account data matching the data of the search field is shown in the <u>Standing Facilities</u> <u>– List Screen</u> [▶ 318].

- Screen Access This screen can be reached in the following way:
 - I Standing Facilities Query Screen
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryStaFac
- **References** This screen is part of the following use case:
 - I <u>Display standing facilities</u> [▶ 510]

¹⁰³ Until ECMS go-live



Screenshot

Query Standing Facilities Overy Standing Facilities	☆	?	٠	ć
Search Criteria				
Party Information				
Party RC* Q				
nt Rest				_

Figure 147 - Standing Facilities – Query Screen

Field Descriptions

STANDING FACILITIES – QUERY SCREEN – PARTY INFORMATION	
Party BIC*	This field requires the user to enter the party BIC in order to select the standing facility data. The user can enter the party BIC manually or search for it by clicking on the smart-select button and opening the <u>Party</u> <u>Reference Data – Query Screen</u> [+ 354] as a pop-up. Required format: 8 or 11 characters

Table 170 - Standing Facilities – Query Screen – Party Information

STANDING FACILITIES – QUERY SCREEN – BUTTONS	
Submit	The user can click on this button to query all standing facilities account data matching the entered criteria. The result list will be displayed in the <u>Standing Facilities – List</u> <u>Screen</u> [> 318].
Reset	The user can click on this button to reset all fields to their default values.

Table 171 - Standing Facilities – Query Screen – Buttons

5.4.2 Standing Facilities – List Screen

Context of This screen lists all standing facilities account data meeting a defined set of criteria. ¹⁰⁴ Usage



	This screen is only relevant for users with party operating in EUR.	
	These criteria were defined on the <u>Standing Facilities – Query Screen</u> [▶ 317].	
Screen Access	This screen can be reached in the following way:	
	I Standing Facilities – Query Screen >> [Submit]	
Privileges	To use this screen the following privilege is needed:	
	I CLM_QueryStaFac	
References	This screen is part of the following use cases:	
	I <u>Display standing facilities</u> [▶ 510]	
	I <u>Enter overnight deposit</u> [▶ 504]	
	I Enter marginal lending on request [▶ 506]	
Screenshot	E 😸 List of Standing Facilities Carry Konding Facilities 🔅 ? Φ	(
	Search Cilleria Results Last Referent 2023-06-07 100602 CEET	Refres



P

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Standing Facilities – Query Screen [▶ 317].

STANDING FACILITIES – LIST SCREEN – RESULTS – PARTY INFORMATION		
Party BIC	This field shows the party BIC of the queried standing facilities. This field is pre-filled with the selected party BIC. This value cannot be modified.	
Party Name	This field shows the party short name related to the queried party BIC. This field is pre-filled. This value cannot be modified.	

Table 172 - Standing Facilities – List Screen – Results – Party Information

DO EUR ...

¹⁰⁴ Screen has to be updated with ECMS go-live.



Account Number	This column shows all relevant accounts for standing facilities related to the selected party BIC in CLM. These accounts can only be the Marginal Lending Account ¹⁰⁵ , the Overnight Deposit Account and the default MCA of the selected party.
Account Type	 This column shows the respective account type related to the displayed account numbers. Possible values: Marginal Lending Account ¹⁰⁶ Overnight Deposit 'Account MCA (This is always the default MCA as described in chapter 3 of CLM UDFS.)
Current Balance	This column shows the current balance of the displayed account. It contains a sum of the current balance of all listed accounts at the bottom of the column.

STANDING FACILITIES – LIST SCREEN – RESULTS – LIST OF STANDING FACILITIES

Table 173 - Standing Facilities – List Screen – Results – List of Standing Facilities

¹⁰⁵ Until ECMS go-live

¹⁰⁶ Until ECMS go-live



Context Menu

STANDING FACILITIES – LIST SCREEN – RESULTS – LIST OF STANDING FACILITIES – CONTEXT MENU		
New Liquidity Transfer from Marginal Lending Account ^{107 108} {CR-143}	 This context menu entry redirects the user to the Liquidity Transfer - New Screen [▶ 302] while transmitting the following values: I Marginal lending account number (Debit Account) I Default MCA number (Credit Account) This entry is only visible for: I Operator I CLM CB Account Holder Required privilege: CLM_IniMarLenonreq 	
New Liquidity Transfer from Overnight Deposit Account ¹⁰⁹ {CR-143}	This context menu entry redirects the user to the 'Liquidity Transfer – New Screen' while transmitting the following values: I Overnight Deposit Account number (Debit Account) I Default MCA number (Credit Account) Required privilege: CLM_IniOveDeprev	
New Liquidity Transfer to Overnight Deposit Account ¹¹⁰ {CR-143}	This context menu entry redirects the user to the 'Liquidity Transfer – New Screen' while transmitting the following values: I Default MCA number (Debit Account) I Overnight Deposit Account number (Credit Account) Required privilege: CLM_IniOveDep	
Display Cash Transfers	This context menu entry redirects the user to the Cash Transfers – List Screen displaying the cash transfers related to the previously selected account number. Required privilege: CLM_QueryCashTrans	

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- 108 Account type only relevant for users with party operating in EUR {CR-143}
- 109 Account type only relevant for users with party operating in EUR-{CR-143}
- 110 Account type only relevant for users with party operating in EUR {CR-143}



Table 174 - Standing Facilities – List Screen – Results – List of Standing Facilities – Context Menu

5.5 Minimum Reserves

5.5.1 Minimum Reserve – Query Screen

Context of This screen offers the possibility to query minimum reserve balances for:

Usage

- I Direct holders of minimum reserve
- I Indirect holders of minimum reserve
- Leading CLM Account Holders belonging to a minimum reserve pool
- I Pool participants belonging to a minimum reserve pool

A co-manager can also query minimum reserve information related to the co-managee in case the party of the co-managee:

- I is a direct holder of minimum reserve
- I is not a Leading CLM Account Holder for other parties holding the minimum reserve indirectly
- I has only one account across all TARGET Services which needs to be an MCA.

This screen queries only minimum reserve balances valid for the currently running maintenance period.

This screen is only relevant for users with party operating in EUR.

The data related to the queried party is shown depending on the kind of minimum reserve holding in the following screens:

- I <u>Minimum Reserve (Direct) List screen</u> [▶ 324]
- I <u>Minimum Reserve (Indirect) List screen</u> [▶ 328]
- I <u>Minimum Reserve (Pool) List screen</u> [▶ 329]
- I <u>Minimum Reserve (Pool of Account Party Level) List screen</u> [▶ 333]

Screen Access This screen can be reached in the following way:

- I Minimum Reserves >> Minimum Reserve Query Screen
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryMinRes
- **References** This screen is part of the following use cases:
 - I Display minimum reserve requirements and fulfilments per MFI [> 511]
 - I <u>Display aggregated MFI liquidity (indirect management)</u> [▶ 512]
 - I <u>Display aggregated MFI liquidity</u> [▶ 513]



Screenshot

📃 🖂 Query Minimu	um Reserve			☆	?	٠	
Search Criteria							
General							
Maintenance Period Start		Maintenance Period End					
2020-09-16		2020-11-03	1				
Party BIC*							
	٩						

Figure 149 - Minimum Reserve – Query Screen

Field Descriptions

MINIMUM RESERVE – QUERY SCREEN – GENERAL				
Maintenance Period Start	This field is pre-filled with the first day of the current maintenance period. This value cannot be modified.			
Maintenance Period End	This field is pre-filled with the last day of the current maintenance period. This value cannot be modified.			
Party BIC*	This field requires the user to enter the party BIC for which minimum reserve information is requested. If the user is associated with exactly one party, this field is pre- filled with the BIC of the respective party. If the user is associated with more than one party, this field is not pre-filled. In this case, the <u>The</u> user can enter the party BIC manually or search for it by clicking on the smart-select button and opening the <u>Party Reference Data – Query Screen</u> [* 354] as a pop-up.{ CR-143 } Required format: 8 or 11 characters			

Table 175 - Minimum Reserve – Query Screen – General



Buttons

MINIMUM RESERVE – QUERY SCREEN – BUTTONS		
Submit	 The user can click on this button to query all minimum reserve information matching the entered criteria. The result list will be displayed depending on the kind of minimum reserve holding of the inserted party BIC in one of the following screens: Minimum Reserve (Direct) – List Screen [▶ 324] Minimum Reserve (Indirect) – List Screen [▶ 328] Minimum Reserve (Pool) – List Screen [▶ 329] Minimum Reserve (Pool of Account Party Level) – List Screen [▶ 333] 	
Reset	The user can click on this button to reset all fields to their default values.	

Table 176 - Minimum Reserve – Query Screen – Buttons

5.5.2 Minimum Reserve (Direct) – List Screen

Context of Usage	This screen lists the minimum reserve requirements for the party BIC and the curre maintenance period as entered in the Minimum Reserve – Query Screen [▶ 322].					
	This screen is only shown if the entered party BIC is a direct holder of the minimum reserve (set up in CRDM: Minimum reserve obligation = Direct).					
	This screen is only relevant for users with party operating in EUR.					
Screen Access	This screen can be reached in the following way:					
	I Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit]					
Privileges	To use this screen the following privilege is needed:					
	I CLM_QueryMinRes					
References	This screen is part of the following use cases:					
	I Display minimum reserve requirements and fulfilments per MFI [▶ 511]					
	I Display aggregated MFI liquidity (indirect management) [> 512]					



Screenshot

≡		List of Minimum Reserve (Dir Query Minimum Reserve > Query Minimum R					☆	?	٠	ሳ
+ s	Search Criteria									
- F	Results					Las	st Refresh: 2023-0	6-07 11:08>	42 CEST Ref	fresh
F	Party Information									
F	Party BIC		Party Name							
[PBAAGRATXXX		Payment Bank GR 1							
,	Minimum Reserve									
	Maintenance Period	i Start	Maintenance Period End							
	2023-06-07		2023-06-13							
	Minimum Reserve F	lequirement	Total Minimum Reserve Requirement		Excess Reserve Exemption Threshold					
	100,000.00 EUR		200,000.00 EUR		600,000.00 EUR					
	Display	Minimum Reserves of Indirects								
F	Fulfilment of Mini	mum Reserve								
F	Running Average		Adjustment Balance		Excess Reserve Exemption Balance	Excess Reserve	Remuneration Bal	ance		
	30,657,142.57 EUR		0.00 EUR		500,000.00 EUR	30,057,142.57	EUR			
	- List of Acco	unt Balances								
	Account N	umber	Account Type	EoD Balance of F	Previous Business Day	Cu	rrent Balance			
	MGREURPB									0 EUR
						60,899,999.00 EUR		(60,399,999.00	EUR
	« «	1 > >> Results 1 to 1 of 1								B

Figure 150 - Minimum Reserve (Direct) – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Minimum Reserve – Query Screen</u> [▶ 322].

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – PARTY INFORMATION		
Party BIC	This field is pre-filled with the party BIC of the direct minimum reserve holder as entered in the 'Minimum Reserve – Query	
Party Name	Screen'. This value cannot be modified. This field is pre-filled with the party name related to the party	
	BIC of the direct minimum reserve holder as entered in the 'Minimum Reserve – Query Screen'. This value cannot be	
	modified.	

Table 177 - Minimum Reserve (Direct) – List Screen – Results – Party Information

MINIMUM RESERVE (DIRE	CT) – LIST SCREEN – RESULTS – MINIMUM RESERVE
Maintenance Period Start	This field is pre-filled with the start date of the current maintenance period. This value cannot be modified.
Maintenance Period End	This field is pre-filled with the end date of the current maintenance period. This value cannot be modified.



MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE				
Minimum Reserve Requirement	This field shows the required minimum reserve that the participant has to hold. This value cannot be modified.			
Total Minimum Reserve Requirement	This field shows the required minimum reserve that the direct minimum reserve participant has to hold including all the minimum reserve requirements of those he holds indirectly. This value cannot be modified. This field is only displayed if the party has indirect minimum reserve participants.			
Excess Reserve Exemption Threshold	This field shows the amount of (1+n)* Total Minimum Reserve Requirement for which a special interest rate is use <u>d</u> .{ CR-143 } This value cannot be modified. Note: n is the factor for the calculation of the excess reserve exemption amount and this multiplier will be the same for all institutions.			

Table 178 - Minimum Reserve (Direct) – List Screen – Results – Minimum Reserve

Buttons

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE – BUT-		
TONS		
Clicking on this button redirects the user to the Minimum Reserve (Indirect) – List Screen [> 328] while transmitting the corresponding party BIC as leading CLM Account Holder. The button is only visible if the party has indirect minimum reserve participant(s).		

Table 179 - Minimum Reserve (Direct) - List Screen - Results - Minimum Reserve - Buttons

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – FULFILMENT OF MINIMUM		
RESERVE		
Running Average	This field shows the daily average balance that the party held on its cash accounts stemming from the previous business days balances in the maintenance period in order to fulfil its minimum reserve requirement. This value cannot be modified.	
Adjustment Balance	This field shows the daily average balance that the party would have to hold on its cash accounts for the remaining business days in the maintenance period to fulfil its minimum reserve requirement. This value cannot be modified.	



MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – FULFILMENT OF MINIMUM RESERVE				
	The adjustment balance, which always shows a specific amount, can decrease up to zero. Zero would for instance mean that there is no more positive end of day balance needed for the remaining days of the maintenance period in order to meet the minimum reserve requirement of the user.			
Excess Reserve Exemption Balance	This field shows the running average amount above the minimum reserve requirement which yields interest according to the corresponding interest rate in the specified maintenance period. This value cannot be modified.			
Excess Reserve Remuneration Balance	This field shows the running average amount above the excess reserve exemption threshold which yields interest according to the corresponding interest rate in the specified maintenance period. This value cannot be modified.			

Table 180 - Minimum Reserve (Direct) – List Screen – Results – Fulfilment of Minimum Reserve

MINIMUM RESERVE (DIRECT) –	LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES
Account Number	This column shows the account number related to the participant being included in the calculation of the minimum reserve.
Account Type	This column shows the account type related to the participant's accounts being included in the calculation of the minimum reserve.
EoD Balance of Previous Business Day	This column shows the EoD (end-of-day) balance of the previous business day related to the participant's accounts being included in the calculation of the minimum reserve. It contains a sum at the bottom of the column.
Current Balance	This column shows the current balance related to the participant's accounts being included in the calculation of the minimum reserve.
	It contains a sum at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

Table 181 - Minimum Reserve (Direct) - List Screen - Results - List of Account Balances



	5.5.3 Minimum Reserve (Indirect) – List Screen			
Context of Usage	This screen lists the minimum reserve requirements for the party BIC and the current maintenance period as entered in the Minimum Reserve – Query Screen [▶ 322].			
	This screen is shown if the entered party BIC is an indirect holder of the minimum reserve (set up in CRDM: Minimum reserve obligation = Indirect). It can also be shown after entering the party BIC of a direct holder of the minimum reserve and using the button 'Display Minimum Reserves of Indirects' on the Minimum Reserve (Direct) – List Screen [▶ 324].			
	The screen <u>then</u> shows all minimum reserve requirements of all indirect participants that are linked to a participant. {CR-143 }			
Screen Access	This screen can be reached in the following ways:			
	I Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit]			
	 Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit] >> Minimum Reserve (Direct) – List Screen >> [Display Minimum Reserves of Indirects] 			
	This screen is only relevant for users with party operating in EUR.			
Privileges	To use this screen the following privilege is needed:			
	I CLM_QueryMinRes			
References	This screen is part of the following use case:			
	I <u>Display aggregated MFI liquidity (indirect management)</u> [▶ 512]			
Screenshot	E Set of Minimum Reserve (Indirect) Com Minimum Reserve 2 Lid of Minimum Reserve (Direct)			

Figure 151 - Minimum Reserve (Indirect) – List Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Minimum Reserve – Query Screen [▶ 322].



MINIMUM RESERVE (INDIRECT) – LIST SCREEN – RESULTS – LEADING CLM ACCOUNT HOLDER		
Party BIC	This field is pre-filled with the party BIC of the leading CLM Account Holder. This value cannot be modified.	
Party Name	This field is pre-filled with the party name of the leading CLM Account Holder. This value cannot be modified.	

Table 182 - Min. Reserve (Indirect) – List Screen – Leading CLM Account Holder

MINIMUM RESERVE (INDIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE		
Maintenance Period Start	This field shows the start date of the current maintenance period. This value cannot be modified.	
Maintenance Period End	This field shows the end date of the current maintenance period. This value cannot be modified.	

Table 183 - Min. Reserve (Indirect) - List Screen - Min. Reserve

MINIMUM RESERVE (INDIRECT) – LIST SCREEN – RESULTS – RELATED PARTIES HOLD- ING THEIR MINIMUM RESERVE REQUIREMENT INDIRECTLY		
Party BIC	This column shows the BIC of the indirect minimum reserve holder related to the leading CLM Account Holder.	
Minimum Reserve for Indirects	This column shows the minimum reserve requirement for the institution managing minimum reserve indirectly. It contains a sum at the bottom of the column.	

 Table 184 - Min. Reserve (Indirect) – List Screen – Rel. Parties holding their Min. Res. Req.

 Indirectly

5.5.4 Minimum Reserve (Pool) – List Screen

Context ofThis screen lists the minimum reserve requirements for the party BIC entered in theUsageMinimum Reserve – Query Screen [▶ 322] and for the current maintenance period.

This screen is only shown if the entered party BIC is the leading CLM Account Holder and if it belongs to a minimum reserve pool (set up in CRDM: minimum reserve obligation = Pool).

This screen is only relevant for users with party operating in EUR.

Screen Access This screen can be reached in the following way:

I Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit]



Privileges	To use this screen the following privilege is needed:		
	I CLM_QueryMinRes		
References	This screen is part of the following use cases:		
	I <u>Display minimum reserve requirements and fulfilments per MFI</u> [▶ 511]		
	I <u>Display aggregated MFI liquidity</u> [▶ 513]		
Screenshot	E See List of Minimum Reserve (Pool) ☆? ✿ ()		
	saveh Citeria		
	Family Last Reference 2022-07-44 00 60-091 CIST Reference		
	Pool of Account Information		
	Martenano Perod Bart Maintenano Period End 2023-09-31 2023-07-54 2		
	Winnum fisseve Requirement Decesi Rearve Exemption Threshold		
	18,000,000.00 FUR 30,000,00 FUR		
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	List of Account Balances		
	Party Bit: Party Name Lasding CLM Account Holder Total EdD Balances of Province Business Day Total Current Balances of MCAs Balances of RTGS DCAs Balances of RTGS DCAs Balances of RTGS DCAs		
	PBAGRATOX Papert Back 07.3 - 113554.02.00 U.M 113554.02.00 U.M 98354.02.00 U.M 98354.02.00 U.M -		
	PRADORADOX Payment Bank OR 4 91,000,00000 EUR 95,000,000 EUR 45,000,0000 EUR 44,000,0000 EUR		
	(C) (1) >> Rends 11s 2x12 224(354)/02.001.000 (1),000,000.001.000 147,354,022.001.000 0.001.000		
	Figure 452 Minimum Reserve (Real) List Server		
	Figure 152 - Minimum Reserve (Pool) – List Screen		

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Minimum Reserve – Query Screen [▶ 322].



MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – POOL OF ACCOUNT INFOR- MATION		
Maintenance Period Start	This field shows the start date of the current maintenance period. This value cannot be modified.	
Maintenance Period End	This field shows the end date of the current maintenance period. This value cannot be modified.	
Minimum Reserve Requirement	This field shows the required minimum reserve that the pool participant has to hold. This value cannot be modified.	
Excess Reserve Exemption Threshold	This field shows the amount of (1+n)* minimum reserve requirement for which a special interest rate is used. This value cannot be modified.	

Table 185 - MR (Pool) – List Screen – Results – Pool of Account Information

MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – FULFILMENT OF MINIMUM RE- SERVE		
Running Average	This column shows the daily average balance that the pool held on its cash accounts for the previous business days in the current maintenance period to fulfil its minimum reserve requirement. This value cannot be modified.	
Adjustment Balance	This column shows the daily average balance that the pool would have to hold on its cash accounts for the remaining business days in the current maintenance period to fulfil its minimum reserve requirement. This value cannot be modified.	
Excess Reserve Exemption Balance	This column shows the running average amount above the minimum reserve requirement which yields interest according to the corresponding interest rate in the specified maintenance period. This value cannot be modified.	
Excess Reserve Remuneration Balance	This column shows the running average amount above the excess reserve exemption threshold which yields interest according to the corresponding interest rate in the specified maintenance period. This value cannot be modified.	

Table 186 - MR (Pool) – List Screen – Results – Fulfilment of MR

MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES			
Party BIC	This column shows the party BIC of a minimum reserve pool		



MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES		
	member.	
Party Name	This column shows the party name of a minimum reserve pool member.	
Leading CLM Account Holder	This column shows if the party is the leading CLM Account Holder. If this is the case, the respective row is filled with an 'X'. Otherwise, the respective row is empty.	
Total EoD Balance of Previous Business Day	This column shows the total EoD balance of the previous business day related to a minimum reserve pool member. It contains a sum at the bottom of the column.	
Total Current Balance	This column shows the total current balance (sum of balances related to all minimum reserve relevant accounts for the given party BIC) for a minimum reserve pool member. It contains a sum at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.	
Balances of MCAs	This column shows the EoD balance of the previous business day of all MCAs for a minimum reserve pool member. It contains a sum at the bottom of the column.	



MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES			
Balances of RTGS DCAs	This column shows the EoD balance of the previous business day of all RTGS DCAs for a minimum reserve pool member. It contains a sum at the bottom of the column.		
Balances of T2S DCAs	This column shows the EoD balance of the previous business day of all T2S DCAs for a minimum reserve pool member. It contains a sum at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.		
Balances of TIPS DCAs	This column shows the EoD balance of the previous business day of all TIPS DCAs for a minimum reserve pool member. It contains a sum at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.		

Table 187 - MR (Pool) – List Screen – Results – List of Account Balances

Context Menu	Menu MINIMUM RESERVE (POOL) – LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES –			
	CONTEXT MENU			
	pooled MFI Leader and Member	This context menu entry redirects the user to the <u>Minimum</u> <u>Reserve (Pool of Account Party Level) – List Screen</u> [▶ 333] while transmitting the following values: I Party BIC I Party Name		
	Table 188 - MR (Pool) – List Screen – Results – List of Account Balances – Context Menu			
	5.5.5 Minimum Reserve (P	ool of Account Party Level) – List Screen		
Context of Usage	 This screen lists the minimum reserve requirements for all accounts belonging to a specific party BIC. The party BIC can be selected in the <u>Minimum Reserve (Pool) – List Screen</u> [▶ 329] via context menu entry or queried directly in the <u>Minimum Reserve – Query Screen</u> [▶ 322]. 			
This screen is only shown if the queried party is a pool participant (set up in 0 Minimum reserve obligation = Pool).				
	This screen is only relevant for users with party operating in EUR.			
Screen Access	This screen can be reached in the following ways:			



- I Minimum Reserves >> Minimum Reserve Query Screen >> [Submit]
- I Minimum Reserves >> Minimum Reserve Query Screen >> [Submit] >> Minimum Reserve (Pool) – List Screen >> Context menu entry 'Display Minimum Reserves of pooled MFI Leader and Member'

Privileges To use this screen the following privilege is needed:

I CLM_QueryMinRes

References This screen is part of the following use cases:

- I Display minimum reserve requirements and fulfilments per MFI [> 511]
- I <u>Display aggregated MFI liquidity</u> [▶ 513]

Screenshot

≡	List of Minimum Reserve (Pool of Acc Query Minimum Reserve > List of Minimum Reserve (Pool				☆	? 🌻	ወ
+	Search Criteria						
-	Results				Last Refresh: 2023-0	-04 09:10:57 CEST Refr	esh
	Party Information						
	Party BIC	Party Name					
	PBADGRADOOX	Payment Bank GR 4					
	Minimum Reserve						
	Maintenance Period Start	Maintenance Period End					
	2023-06-28	2023-07-04					
	Total Minimum Reserve Requirement						
	15,000,000.00 EUR						
	- List of Account Balances						
	Account Number	Account Type	EoD Balance of Previous Business Day		Current Balance		
	MGREURPBADGRAD00001	MCA		45,000,000.00 EUR		45,000,000.00	EUR
	RGREURPBADGRATXXX01	RTGS DCA		48,000,000.00 EUR		48,000,000.00	EUR
				93,000,000.00 EUR		93,000,000.00	EUR
							8-

Figure 153 - Minimum Reserve (Pool of Account Party Level) – List Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Minimum Reserve – Query Screen [▶ 322].



MINIMUM RESERVE (POOL OF ACCOUNT PARTY LEVEL) – LIST SCREEN – RESULTS –		
	PARTY INFORMATION	
Party BIC	This field is pre-filled with the party BIC of the minimum reserve pool member that the user selected via context menu. This value cannot be modified.	
Party Name	This field is pre-filled with the party name of the minimum reserve account pool member that the user selected via context menu. This value cannot be modified.	

Table 189 - MR (Pool of Account Party Level) – List Screen – Results – Party Information

MINIMUM RESERVE (POOL OF ACCOUNT PARTY LEVEL) – LIST SCREEN – RESULTS – MINIMUM RESERVE		
Maintenance Period Start	This field shows the start date of the current maintenance period. This value cannot be modified.	
Maintenance Period End	This field shows the end date of the current maintenance period. This value cannot be modified.	
Total Minimum Reserve Requirement	This field shows the required total minimum reserve of the party including all the minimum reserve requirements of those it holds indirectly which are also added to the requirement of the pool.	

Table 190 - MR (Pool of Account Party Level) – List Screen – Results – MR

MINIMUM RESERVE (POOL OF ACCOUNT PARTY LEVEL) – LIST SCREEN – RESULTS – LIST OF ACCOUNT BALANCES			
Account Number	This column shows the account number related to the selected party BIC that is included in the calculation of the minimum reserve.		
Account Type	This column shows the account type related to the selected party that is included in the calculation of the minimum reserve.		
EoD Balance of Previous Business Day	This column shows the EoD balance of the previous business day related to the account of the selected party that is included in the calculation of the minimum reserve. It contains a sum at the bottom of the column.		



	LIST OF ACCOUNT BALANCES		
	Current Balance	This column shows the current balance related to the account of the selected party that is included in the calculation of the minimum reserve.	
		It contains a sum at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.	
	Table 191 - MR (Pool of Account Party Level) – List Screen – Results – List of Account Bal- ances		
	5.5.6 Minimum Reserve Requirements – Query Screen		
Context of Usage			
	The result list can be filtered by different attributes given on this screen and will by the values of a selected output parameter. The default setting is sorting by in ascending order.		
	The minimum reserve requirements matching the data of the search fields are shown in the Minimum Reserve Requirements – List Screen [▶ 338].		
	This screen is only available fo	r operators and central bank users.	
	This screen is only relevant for	users with party operating in EUR.	
Screen Access	This screen can be reached in the following way:		
	I Minimum Reserves >> Mi	nimum Reserve Requirements – Query Screen	
Privileges	To use this screen the following privilege is needed:		
	I CLM_QueryListMinResRe	q	
References This screen is part of the following use case:		ing use case:	
	The second s		

MINIMUM RESERVE (POOL OF ACCOUNT PARTY LEVEL) - LIST SCREEN - RESULTS -

I <u>Enter/Modify minimum reserve requirement</u> [> 517]



Screenshot

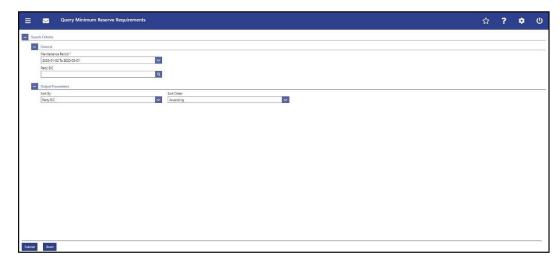


Figure 154 - Minimum Reserve Requirements – Query Screen

Field Descriptions

MINIMUM RESERVE REQUIREMENTS – QUERY SCREEN – GENERAL		
Maintenance Period*	This field requires the user to select the current or the next maintenance period. The selectable maintenance periods are displayed as a range with a start and an end date.	
	Default value: Dates of current maintenance period	
Party BIC	This field offers the possibility to restrict the result list to minimum reserve requirements of a specific party BIC.	
	The user can enter the party BIC manually or search for it by	
	clicking on the smart-select button and opening the Party	
	Reference Data – Query Screen [354] as a pop-up.	
	Required format: 8 or 11 characters	

Table 192 - Minimum Reserve Requirements – Query Screen – General

MINIMUM RESERVE REQUI	REMENTS – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: I Party BIC I Minimum Reserve Requirement Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be



MINIMUM RESERVE REQUIREMENTS – QUERY SCREEN – OUTPUT PARAMETERS		
	used to sort the elements in the result list.	
	Possible values:	
	I Ascending	
	I Descending	
	Default value: 'Ascending'	

Table 193 - Minimum Reserve Requirements – Query Screen – Output Parameters

Buttons	MINIMUM RESERVE REQUIREMENTS – QUERY SCREEN – BUTTONS					
		REQUIREMENTS - QUERTSCREEN - BUTTONS				
	Submit	The user can click on this button to query the minimum				
		reserve requirements matching the entered criteria.				
		The result list will be displayed in the Minimum Reserve				
		Requirements – List Screen [▶ 338].				
	Reset	The user can click on this button to reset all fields to their				
		default values.				
	Table 194 - Minimum Reserve Requirements – Query Screen – Buttons					
	5.5.7 Minimum Reserve Requirements – List Screen					
Context of	This screen lists all minimum r	eserve requirements meeting a defined set of criteria.				
Usage	These criteria were defined on the Minimum Reserve Requirements – Query Screen [> 336].					
	Furthermore, this screen offers the possibility for central bank users to modify the minimum reserve requirement for parties for the current and the next maintenance period.					
	It also offers the possibility to set up a new minimum reserve requirement for party.					
	This screen is only available for operators and central bank users showing parties of their own community.					
	This screen is only relevant for	users with party operating in EUR.				
Screen Access	This screen can be reached in	the following way:				
	I Minimum Reserves >> M mit]	linimum Reserve Requirements – Query Screen >> [Sub-				
Privileges	To use this screen the following	g privilege is needed:				
	I CLM_QueryListMinResRe	eq				
References	This screen is part of the follow	ving use case:				



creenshot	Exit of Minimum Reserve Requirements	ት ? 💠
	Earth Offeria	
	Evolution Control Cont	Last Refresh: 2022-11-08 1652:56 CET Refre
	Miximun Reserve	
	Mainmanna Finiol Start Mainmanna Finiol Start 2022-11-02 2022-11-02	
	Lik of Minimum Reserve Requirements	
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	MGCARDODOX 4.444.00 B/A	
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	Salari Reart	

Field Note: For the description of the attributes and their respective values in the 'Search Descriptions Criteria' section see chapter Minimum Reserve Requirements – Query Screen [▶ 336].

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MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – RESULTS – MINIMUM RESERVE

Maintenance Period Start	This field shows the start date of the selected maintenance period.
Maintenance Period End	This field shows the end date of the selected maintenance period.

Table 195 - Minimum Reserve Requirements – List Screen – Minimum Reserve

MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RE- SERVE REQUIREMENTS		
Party BIC	This column shows the party BIC related to the queried minimum reserve requirement. Additionally, this column reveals the party short name via mouse-over function.	
Minimum Reserve Requirement	This column shows the amount of the current minimum reserve requirement for the specified party and specified maintenance period.	
New Minimum Reserve Requirement	This column offers the possibility to enter a new minimum reserve requirement by entering an amount. As soon as the related task is successfully processed, the entered amount will be used as the new amount for the minimum reserve requirement. It is only possible to enter positive values or zero for the new minimum reserve requirement. Required privilege: CLM_ModMinResReq	

 Table 196 - Minimum Reserve Requirements – List Screen – List of Minimum Reserve Requirements

Buttons

MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – BUTTONS

Submit	In case a new value has been entered for one or more
	minimum reserve requirement(s), this button creates the
	respective task(s) to modify the minimum reserve
	requirement(s).
	The user will be asked to enter the PIN for digital signature
	purposes (NRO). For details see chapter Validations, section
	'Digital Signature – NRO'.



R

MINIMUM RESERVE	E REQUIREMENTS – LIST SCREEN – BUTTONS
	After clicking on this button, the notification area shows whether the data submission and task creation were successful. In case of successful data submission, the notification area also shows a task ID. Required privilege: CLM_ModMinResReq References for error messages [> 585]: I E018 I E074 I U039 I U040 I U041 I U051 I U054 I U055
Reset	The user can click on this button to reset all fields to their default values. Required privilege: CLM_ModMinResReq

Table 197 - Minimum Reserve Requirements – List Screen – Buttons

5.5.8 Minimum Reserve Fulfilments – Query Screen

Context of This screen offers the possibility for central bank users to query the minimum reserve Usage fulfilment of one party belonging to their own community by entering a party BIC. The minimum reserve fulfilments matching the data of the search fields are shown in the Minimum Reserve Fulfilments – List Screen [▶ 342]. This screen is only available for operators and central bank users. This screen is only relevant for users with party operating in EUR. Screen Access This screen can be reached in the following way: Minimum Reserves >> Minimum Reserve Fulfilments – Query Screen Т Privileges To use this screen the following privilege is needed: CLM_QueryListMinResFul References This screen is part of the following use case: Modify minimum reserve fulfilment [> 518] L



Screenshot

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- Search Criteri					
- Genera					
Party BI					
Submit					_

Figure 156 - Minimum Reserve Fulfilments – Query Screen

Field Descriptions

MINIMUM RESERVE FULFILMENTS – QUERY SCREEN – GENERAL	
Party BIC*	This field requires the user to enter a party BIC in order to query the related minimum reserve fulfilment data. The user can enter the party BIC manually or search for it by clicking on the smart-select button and opening the <u>Party</u> <u>Reference Data – Query Screen</u> [1354] as a pop-up. Required format: 8 or 11 characters
	הפיעוויפע וטווומג. ט טו דר טומומטנפוס

Table 198 - Minimum Reserve Fulfilments – Query Screen – General

Buttons

MINIMUM RESERVE FULFILMENTS – QUERY SCREEN – BUTTONS

Submit	The user can click on this button to query the minimum reserve fulfilment data matching the entered criteria. The result list will be displayed in the <u>Minimum Reserve</u> <u>Fulfilments – List Screen</u> [▶ 342].
Reset	The user can click on this button to reset all fields to their default values.

Table 199 - Minimum Reserve Fulfilments – Query Screen – Buttons

5.5.9 Minimum Reserve Fulfilments – List Screen

Context ofThis screen lists the minimum reserve fulfilments of a defined party.UsageThe party was defined on the Minimum Reserve Fulfilments – Query Screen [▶ 341].



Furthermore, this screen offers central bank users the possibility to modify the minimum reserve fulfilment by making an adjustment to the EoD balance for the current business day and all past business days of the current maintenance period.

This screen is only available for operators and central bank users showing parties of their own community.

This screen is only relevant for users with party operating in EUR.

Screen Access This screen can be reached in the following way:

I Minimum Reserves >> Minimum Reserve Fulfilments – Query Screen >> [Submit]

Privileges To use this screen the following privilege is needed:

I CLM_QueryListMinResFul

References This screen is part of the following use case:

I <u>Modify minimum reserve fulfilment</u> [▶ 518]

Screenshot

	of Minimum Reserve Ful disimum Reserve Fulfilments	filments			
Search Criteria					
Results					
Party Information					
Party BIC		Party Name			
PBCBPLD0XXX		CSLD BBK QM CT			
Minimum Reserve					
Maintenance Period Start		Maintenance Period	End		
2022-11-02		2022-11-08			
List of Minimum Reserve F	attiments				
Besiness Day	EcO Balance	Current Adjustment EoD	New Adjustment EcO		
2022-11-02	0.00 EUR	0.00 EUR	EUR	EUR	
2022-11-03	0.00 EUR	111.11 EUR	tur	EUR	
2022-11-04	0.00 EUR	0.00 EUR	EUR	EUR	
2022-11-07	0.00 EUR	0.00 EUR	EUR EUR	EUR	
2022-11-08	0.00 EUR	0.00 EUR	EUR	EUR	
≪ < 1 > ≫	Results 1 to 5 of 5		•		
Submit Reset					
Suprot					

Figure 157 - Minimum Reserve Fulfilments – List Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Minimum Reserve Fulfilments – Query Screen [▶ 341].



MINIMUM RESERVE FULFILMENTS - LIST SCREEN - RESULTS - PARTY INFORMATION

Party BIC	This field shows the party BIC related to the queried minimum reserve fulfilments.
Party Name	This field shows the party name related to the queried minimum reserve fulfilments.

Table 200 - Minimum Reserve Fulfilments – List Screen – Results – Party Information

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – MINIMUM RESERVE				
Maintenance Period Start	This field shows the start date of the current maintenance period.			
Maintenance Period End	This field shows the end date of the current maintenance period.			

Table 201 - Minimum Reserve Fulfilments - List Screen - Results - Minimum Reserve

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RE-			
Business Day	This column shows the current and all past business days of the current maintenance period.		
EoD Balance	This column shows the EoD balance of the corresponding business day.		
Current Adjustment EoD	This column shows the current adjustment to the EoD balance.		
New Adjustment EoD	This column offers the possibility to modify the 'Current Adjustment EoD' of the corresponding business day by entering a new amount.		
	The new amount can be positive or negative and is added or subtracted as a delta amount from the corresponding EoD balance to calculate the minimum reserve fulfilment.		
	Negative amounts are entered using a '-' in front of the amount and are shown in red colour.		
	As soon as the related task is processed successfully, the entered amount will be the current adjustment.		
	Required privilege: CLM_ModMinResFul		



Table 202 - Minimum Reserve Fulfilments – List Screen – Results – List of Minimum Res. Fulfilments

Buttons

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RE-			
SE	RVE FULFILMENTS – BUTTONS		
Submit	In case a new amount has been entered for one or more 'New Adjustment(s) EoD', this button creates the respective task(s) to adjust the minimum reserve fulfilment(s).		
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.		
	After clicking on this button, the notification area shows whether the data submission and task creation were successful. In case of successful data submission, the notification area also shows a task ID.		
	Required privilege: CLM_ModMinResFul		
	References for error messages: [> 582]		
	I E018		
	I E074		
	I U039		
	I U040		
	I U041		
	I U044		
	I U051		
	I U052		
	I U053		
	I U109		
Reset	The user can click on this button to reset all fields to their default values.		
	Required privilege: CLM_ModMinResFul		

Table 203 - Minimum Reserve Fulfilments – List Screen – Buttons

5.5.10 Minimum Reserve Infringements – Query Screen

Context ofThis screen offers the possibility for central bank users to query the infringements of theUsagecommunity.

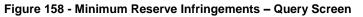


	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.
	The minimum reserve infringements matching the data of the search fields are shown in the Minimum Reserve Infringements – List Screen [▶ 349].
	This screen is only available for operators and central bank users.
	This screen is only relevant for users with party operating in EUR.
Screen Access	This screen can be reached in the following way:
	I Minimum Reserves >> Minimum Reserve Infringements – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryMinResInf
References	This screen is part of the following use cases:
	I Query minimum reserve infringement penalty payment [▶ 515]
	I Display minimum reserve infringement penalty payment [▶ 515]
	Authorise/cancel minimum reserve infringement penalty payment [> 516]



Screenshot

Query Minimum Reserve Infring	ments				☆	?	٠	
earch Criteria								
- General								
Maintenance Period								
2020-01-02 To 2020-03-01	~							
Penality Status								
Penalty Not Vet Authorised	~							
Party BIC								
	۹							
Output Parameters								
								_
Sort By	Sort Order							
Party BIC	Ascending	~						
Party BIC	Accending	~						
Party BIC	Auonding	×						
Party BIC	According	×						
Party BIC	According	×						
Party EC	✓ Alcanding	×						
Party BC	According	×						
Party BC	According	×.						
Party BC	According	×						
Party BC	According	▼						
Party BC	According	▼						
Party BC	According	×.						
Party BC	According	×						



Field Descriptions

MINIMUM RESERVE	INFRINGEMENTS – QUERY SCREEN – GENERAL
Maintenance Period	This field offers the possibility to restrict the result list to infringements of a past maintenance period.
	The selectable maintenance periods are displayed as a range with a start and an end date.
	Default value: Dates of previous maintenance period
Penalty Status	 This field offers the possibility to restrict the result list to infringements with a specific penalty status. Possible values: No Penalty Penalty Not Yet Authorised Penalty Authorised Type 1 Penalty Authorised Type 2 Penalty Cancelled Note: If the selected maintenance period is earlier than the
	previous maintenance period, only the infringements with the penalty status 'Penalty Not Yet Authorised' will be shown in the 'Minimum Reserve Infringements – List Screen'. Therefore, the user cannot retrospectively see which penalty has been chosen for maintenance periods earlier than the previous one. Default value: 'Penalty Not Yet Authorised'
Party BIC	This field offers the possibility to restrict the result list to



MINIMUM RESERVE INFRINGEMENTS – QUERY SCREEN – GENERAL				
	infringements of a specific party BIC.			
	The user can enter the party BIC manually or search for it by			
	clicking on the smart-select button and opening the Party			
	Reference Data – Query Screen [▶ 354] as a pop-up.			
	Required format: 8 or 11 characters			

Table 204 - Minimum Reserve Infringements – Query Screen – General

MINIMUM RESERVE INFRIM	IGEMENTS – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible values:
	I Average Balance
	I Infringement
	I Maintenance Period
	I Party BIC
	I Penalty Amount
	I Penalty Status
	Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.
	Possible values:
	I Ascending
	I Descending
	Default value: 'Ascending'

Table 205 - Minimum Reserve Infringements – Query Screen – Output Parameters

MINIMUM RESERVE	INFRINGEMENTS – QUERY SCREEN – BUTTONS
Submit	The user can click on this button to query the minimum reserve infringements matching the entered criteria.
	The result list will be displayed in the <u>Minimum Reserve</u> Infringements – List Screen [▶ 349].
Reset	The user can click on this button to reset all fields to their

Buttons



	MINIMUM RESERVE INFRINGEMENTS – QUERY SCREEN – BUTTONS				
	default values.				
	Table 206 - Minimum Reserve Infringements – Query Screen – Buttons				
	5.5.11 Minimum Reserve Infringements – List Screen				
Context of	This screen lists all minimum reserve infringements meeting a defined set of criteria.				
Usage	These criteria were defined on the Minimum Reserve Infringements – Query Screen [▶ 345].				
	Furthermore, this screen allows central bank users to inspect the infringements of the community and administrate a penalty via opening the <u>Minimum Reserve Infringements –</u> <u>Administrate Minimum Reserve Penalty Order – Pop-up</u> [▶ 351].				
	This screen is only relevant for users with party operating in EUR.				
Screen Access	This screen can be reached in the following way:				
	I Minimum Reserves >> Minimum Reserve Infringements – Query Screen >> [Submit]				
Privileges	To use this screen the following privilege is needed:				
	I CLM_QueryMinResInf				
References	This screen is part of the following use cases:				
	I Query minimum reserve infringement penalty payment [▶ 515]				
	I <u>Display minimum reserve infringement penalty payment</u> [▶ 515]				
	I <u>Authorise/cancel minimum reserve infringement penalty payment</u> [> 516]				
Screenshot	Image: Section Research Moderation Research R				
F ield	Figure 159 - Minimum Reserve Infringements – List Screen				
Field Descriptions	Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Minimum Reserve Infringements – Query Screen [▶ 345].				
Descriptions	Chiena section see chapter <u>winimum reserve miningements – Query Screen</u> [* 345].				



	EMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE INFRINGEMENTS
Party BIC	This column shows the party BIC related to the queried minimum reserve infringement(s). Additionally, this column reveals the party short name via mouse-over function.
Maintenance Period	This column shows the start date and the end date of the corresponding maintenance period.
Total Minimum Reserve Requirement	This column shows the total amount of the minimum reserve requirement for the specified party and the respective maintenance period.
Average Balance	This column shows the amount to which the specified party fulfilled the minimum reserve requirement. The average balance is the average amount of the EoD account balances of the party during the maintenance period.
Infringement	This column shows the amount of the minimum reserve infringement.
Penalty Status	This column shows the processing status of the minimum reserve infringement penalty. Note: If the selected maintenance period is earlier than the previous maintenance period, only the infringements with the penalty status 'Penalty Not Yet Authorised' are shown. Therefore, the user cannot retrospectively see which penalty has been chosen for maintenance periods earlier than the previous one.
Penalty Amount	 This column shows the calculated penalty amount for the minimum reserve infringement. A row in the column is empty in the following cases: When the CB user has cancelled the penalty When the CB user has not approved the penalty

Table 207 - Min. Reserve Infringements – List Screen – List of Min. Reserve Infr.

Context Menu

MINIMUM RESERVE INFRINGEMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE INFRINGEMENTS – CONTEXT MENU



MINIMUM RESERVE INFRINGEMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM		
RESERVE	E INFRINGEMENTS – CONTEXT MENU	
Administrate Minimum Reserve Penalty Order	Infringements - Administrate Minimum Reserve Penalty Order - Pop-up [▷ 351] for the corresponding infringement. This context menu is only available for infringements with the penalty status 'Penalty Not Yet Authorised'. This entry is only visible for: I CB	
	Required privilege: CLM_AdmMinResPen	
Table 208 - Min. Reserve Infringements – List Screen – List of Min. Reserve Infr. – Context Menu		
5.5.12 Minimum Reserve Penalty Order – Po	Infringements – Administrate Min. Reserve	
This pop-up screen offers the	possibility to authorize or cancel a penalty for minimum	

Context ofThis pop-up screen offers the possibility to authorize or cancel a penalty for minimumUsagereserve infringements.

This screen is only available for operators and central bank users showing parties of their own community.

This screen is only relevant for users with party operating in EUR.

- Screen Access This pop-up screen can be reached in the following way:
 - I Minimum Reserves >> Minimum Reserve Infringements Query Screen >> [Submit] >> Minimum Reserve Infringements – List Screen >> Context menu entry 'Administrate Minimum Reserve Penalty Order'
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_AdmMinResPen
- **References** This screen is part of the following use case:
 - I Authorise/cancel minimum reserve infringement penalty payment [> 516]



Screenshot

E List of Minimum Reserve Infringements Curry Meimum Reserve Infringements					公 ? \$ ()
Search Critiseia					
Reals					Last Rahesh: 2022-11-09-09-25-22 CET Refresh
List of Minimum Reserve Infilingements					
Party BC. Maintenance Period	Total Minimum Reserve Requirement	Average Balanc	infringement	Penalty Status	Penalty Amount
PBCAULDOXXX 2022-11-02 To 2022-11-08					0.00.4
PECEPUDIDOX 2022-11-02 To 2023-11-08		11,000,30 EUR	15.87 R.R.	12.984.13 BUR Penalty Not Vet Authorised	000 BUR
- c 1 > Resits to 2 of 2					Þ
	Administrate Minimum Reserve Fenalty Oxfer Pays Menaltian Pay SC Meanson Reserve Meanson Reserve Meanson Reserve Meanson Reserve Meanson Reserve Meanson Meanson Reserve Meanson Mean	Trig trans Eal Ball Role Ball State Ball State Bal	integrand Geological March Start News Start Barry Start Administ		

Figure 160 - Min. Reserve Infringements - Admin. Min. Reserve Penalty Order - Pop-up

Field Descriptions

MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY		
ORDER – POP-UP – PARTY INFORMATION		
Party BIC	This field shows the party BIC related to the previously selected minimum reserve infringement.	
Party Name	This field shows the name of the party related to the previously selected minimum reserve infringement.	

Table 209 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Party Info.

MINIMUM RESERVE INFRING ORDE		ADMINIS P – MININ			1 RE	SER	VE PENALTY
Maintenance Period Start		shows æ period	start	date	of	the	corresponding
Maintenance Period End		shows e period	end	date	of	the	corresponding



MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY
ORDER – POP-UP – MINIMUM RESERVE

Total Minimum Reserve Requirement	This field shows the total required minimum reserve that the participant had to hold.
Average Balance	This field shows the amount to which the specified party fulfilled the minimum reserve requirement. The average balance is the average amount of the EoD
Infringement	account balances of the party during the maintenance period. This field shows the amount of the minimum reserve infringement.

Table 210 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Min. Reserve

MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY ORDER – POP-UP – PENALTY DATA			
Penalty Amount Type 1	This field shows the amount of the corresponding penalty if the CB user selects the penalty type 1.		
Penalty Amount Type 2	This field shows the amount of the corresponding penalty if the CB user selects the penalty type 2.		
Penalty Status	This field shows the current penalty status of the minimum reserve infringement.		
Penalty Status Assignment	 This field offers the possibility to select a new status for the minimum reserve infringement penalty. Possible values: Penalty Authorised Type 1 Penalty Authorised Type 2 Penalty Cancelled Default value: empty In order to be able to proceed, the user has to select a value. 		

Table 211 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Penalty Data



Buttons

MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY			
C	DRDER – POP-UP – BUTTONS		
Submit	The user can click on this button to initiate the approval or cancellation of the infringement penalty.		
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.		
	After clicking on this button, the notification area on the <u>Minimum Reserve Infringements – List Screen</u> [349] shows whether the data submission and task creation was successful. In case of successful data submission, the notification area also shows a task ID.		
	References for error messages: [▶ 584] I E018 I E074 I E117		
	 I U039 I U040 I U041 I U044 I U056 I U109 		

Table 212 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Buttons

5.6 Reference Data

Note: All reference data defined within CLM or RTGS is visible across both components. This means that reference data screens such as the <u>Party Reference Data – Query</u> <u>Screen</u> [▶ 354] or the <u>Cash Account Reference Data – Query Screen</u> [▶ 362] will display data of RTGS and CLM regardless in which component they are defined.

5.6.1 Party Reference Data – Query Screen

This screen offers the possibility to query parties that exist in the reference data of CLM and RTGS. The search function allows the user to search for parties within the search



Context of Usage	criteria being relevant for CLM and RTGS. The search is restricted to the data scope of the user.
	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.
	The parties matching the data of the search fields are shown in the <u>Party Reference Data</u> <u>– List Screen</u> [▶ 359].
Screen Access	This screen can be reached in the following way:
	I Reference Data >> Party Reference Data – Query Screen
	This screen can be reached by clicking on the smart-select button for fields that require the input of a party BIC in several screens throughout the CLM GUI.
Privileges	To use this screen the following privilege is needed:
	I CLM_Querylocpartrefdat
References	This screen is part of the following use case:
	I <u>Query/List party reference data</u> [▶ 520]
Screenshot	Curry Party Reference Data Seture Cetters Seture Cetters Perty EdC Perty EdC <td< th=""></td<>



Field Descriptions

PARTY REFERENCE DATA – QUERY SCREEN – GENERAL			
Parent BIC	This field offers the possibility to restrict the result list to parties with a specific parent BIC. Required format: up to 11 characters		
Party BIC (wildcards allowed)	This field offers the possibility to restrict the result list to parties with a specific party BIC. Required format: up to 11 characters		
Party Long Name (wildcards	This field offers the possibility to restrict the result list to		



PARTY REFERENCE DATA – QUERY SCREEN – GENERAL		
allowed)	parties with a specific party name.	
	Required format: up to 350 characters	
MFI Code	This field offers the possibility to restrict the result list to parties with a specific monetary financial institution (MFI) Code.	
	Required format: up to 35 characters	
Party Type	This field offers the possibility to restrict the result list to parties with a specific party type.	
	Select one or more of the following values:	
	I Ancillary System	
	I Central Bank	
	I Operator	
	I Payment Bank	
	Default value: 'No filter selected'	
Service Party Type	This field offers the possibility to restrict the result list to parties with a specific service party type.	
	Select one or more of the following values:	
	I Ancillary System	
	I CLM Account Holder	
	I CLM CB Account Holder	
	I CLM CB Technical Account Holder ¹¹¹	
	I CLM Transit Account Holder	
	I Inst. Managing MR Without Account In CLM ¹¹²	
	I Operator	
	I RTGS Account Holder	
	I RTGS CB Account Holder	
	I RTGS Transit Account Holder	
	I TIPS Ancillary System	
	Default value: 'No filter selected'	

111 Service party type only relevant for users with party operating in EUR

112 Service party type only relevant for users with party operating in EUR



PARTY REFE	RENCE DATA – QUERY SCREEN – GENERAL
AS Procedure	This field offers the possibility to restrict the result list to AS systems using a specific AS procedure.
	Select one or more of the following values:
	I Procedure A
	I Procedure B
	I Procedure C
	I Procedure D
	I Procedure E
	This field is active when the field 'Service Party Type' is filled with the value 'Ancillary System', 'TIPS Ancillary System' or when no filter is selected.
	Default value: 'No filter selected'
Banking Group	This field offers the possibility to restrict the result list to parties which are linked to a specific banking group. This field is only visible for:
	I CB
	Required format: up to 35 characters
Country Code	This field offers the possibility to restrict the result list to parties which are assigned to a CB with a specific country code.
	Default value: 'No filter selected'

PARTY REFERENCE DATA – QUERY SCREEN – GENERAL

Table 213 - Party RD – Query Screen – General



PARTY REFERENCE I	DATA – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	 This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: AS Procedure Banking Group
	I Blocking Status
	I Country Code
	I Exceptional Customer Credit Transfer Payments(pacs.008) Allowed
	I Exceptional Financial Institution Credit Transfer Payments(pacs.009) Allowed
	I MFI Code
	I Parent BIC
	I Party BIC
	I Party Long Name
	I Party Type
	I Service Party Type
	Value Date Check Deactivated
	Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.
	Possible values:
	I Ascending
	I Descending
	Default value: 'Ascending'

PARTY REFERENCE DATA – QUERY SCREEN – OUTPUT PARAMETERS

Table 214 - Party RD – Query Screen – Output Parameters

Buttons	PARTY REFERENCE DATA – QUERY SCREEN – BUTTONS			
	Submit	The user can click on this button to query the party reference data matching the entered criteria.		
		The result list will be displayed in the <u>Party Reference Data –</u> <u>List Screen</u> [▶ 359].		



	PARTY REFERENCE DATA – QUERY SCREEN – BUTTONS				
	Reset	The user can cl default values.	ick on this button t	o reset all fie	lds to their
	Table 215 - Party RD – Query Screen – Buttons				
	5.6.2 Party Reference Data – List Screen				
Context of	This screen lists all parties and their reference data meeting a defined set of criteria.				
Usage	These criteria were defined on	the Party Refere	ence Data - Query	<mark>Screen</mark> [▶ 35	4].
	The result list only shows the				
	user.	party reference			
Screen Access	This screen can be reached in the following way:				
	I Reference Data >> Party	Reference Data	– Query Screen >:	> [Submit]	
Privileges	To use this screen the following	g privilege is nee	ded:		
	I CLM_Querylocpartrefdat				
References	This screen is part of the follow	ving use case:			
	-	-			
	I Query/List party reference	<u>e data</u> (* 520]			
Screenshot	E Sit of Party Reference Data Gary hey Idence Data				ት ? 🗢 ሀ
	Seech Criteria Seech Criteria Idea Contention Idea Contention				Last Refresh: 2022-11-09-09/26/28 CET Refresh
	Bockey Status Perent BC Perent BC Perent SC Perent Scatter	Service Retry Type CLM Account Holder RTGS Account Holder Angliery System	Banking Group MEI Code Country Code Ecceptional Container Gredit Number P Pi Pi NO NO NO	agments/pacs3000 A Ecceptional Financial Institution Credit Trans No	fer Paymentulpa Value Date Creck Deactivated
	Net Stocked 02007/2003 ASARD/2003 CSLD BIX QM Camputerium Tax X5 B/R L Pox A Anding System Productive A Net Stocked 02007/2003 ASARD/2003 CSLD BIX QM Camputerium Tax X5 B/R L Pox A Anding System Productive A Net Stocked 02007/2003 ASARD/2003 CSLD BIX QM Camputerium Tax X5 B/R L Pox A Anding System Productive A Net Stocked 02007/2003 ASARD/2003 CSLD BIX QM Camputerium Tax X5 B/R L Pox A Anding System Productive A	CLM Account Holder HTGS Account Holder Andilary System CLM Account Holder HTGS Account Holder Andilary System	2, No 8, No	No.	No
	Net Woodel CIXXV2000X ADCANDOOX CLD BIK CM Campetenze's Tex AD EV/19, here: Amount of the company of the competence Tex AD EV/19, here: Amount of the compet	CLM Account Holder ITOS Account Holder Andillery System CLM Account Holder ITOS Account Holder Andillery System	R, NO R, NO	N	No -
	Institutional CODE/CODIX ADD/ADD/CODIX CEL/D BIS (L/L competencing free All Line), Figure Analysis, Fi	CLM Account Holder ITOS Account Holder Andiley System CLM Account Holder ITOS Account Holder Andiley System CLM Account Holder ITOS Account Holder Andiley System	Pi No Pi No	No No	No
	Not blocked CEXOR/2003X ACER/2003X CELD BIK QM Comprehensive Text AS EUR P. Proc E Andlary System Procedure E	CLM Account Holder KTOS Account Holder Anglieg System CLM Account Holder KTOS Account Holder Anglieg System CLM Account Holder KTOS Account Holder Anglieg System	Pi NO Pi NO Pi NO	10 10	No
	NetWorked 10301038000 CB00Ru00000 Cb00Ru00000 General Series	CLM Account Holder RTGS Account Holder Andilary System CLM CB Account Holder CLM CB Technical Account Holder RTGS CB Account Holder	PL No PL No	No.	No -
	Not Stodael CELORADOX FEARADOX CELD BK (M. Cangelwania Ten Peynet Bask Not Stodael CELORADOX FEARADOX CELD BK (M. Cangelwania Ten Peynet Bask Not Stodael (FXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CLM Account Holder 1705 Account Holder CLM Account Holder 1705 Account Holder CLM Account Holder 1705 Account Holder	88-C745-02 R. No 88-C745-02 R. No 89-C745-02 R. No	No.	No
		CLM Account Holder, NICE Account Holder CLM Account Holder, NICE Account Holder CLM Account Holder, NICE Account Holder	89x-C7-40-02 PL No 88x-C7-40-02 PL No		No -
	Not trooled ODX972000X FMAPR.2000X CSLD BIX CM Compartensis Text Payment Bank Not trooled ODX97200X FB43P.2000X CSLD BIX CM Compartensis Text Payment Bank	CLM Account Holder 1705 Account Holder CLM Account Holder 1705 Account Holder	89x-07-80-60 PL No 89x-07-80-60 PL No	Na Na	No -
	Instituted DEX002D01X PMI-IM-DD01X CELD BIS (24 Comparison in Text Pagement text Instituted CELD BIS (24 Comparison in Text Pagement text Pagement text Instituted CELD BIS (24 Comparison in Text Pagement text Pagement text	CLM Account Holder 1705 Account Holder CLM Account Holder 1705 Account Holder CLM Account Holder 1705 Account Holder	88-0746-02 Fi, No 89-0746-02 Fi, No 89-0746-02 Fi, No	No No	No
	Nettioned (2008,2000) Bis/SpC000 (200 Bit (24 Cempeterine for Representation Repr	CLM Account Holder/RT05 Account Holder CLM Account Holder/RT05 Account Holder CLM Account Holder/RT05 Account Holder	89x/74042 FL No 88x/74042 FL No	No.	No -

Figure 162 - Party RD – List Screen

Not blocked CBXXPLD0XX PBxVPLD0XX CSLD BBX QM Comprehensive Text (K < 1 > X Beautes 1 to 45 of 45

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Party Reference Data – Query Screen [▶ 354].



Blocking Status	This column shows the blocking status of the party.
	Possible values:
	I Blocked
	I Not Blocked
Parent BIC	This column shows the parent BIC of the party.
Party BIC	This column shows the party BIC of the party.
Party Long Name	This column shows the long name of the party.
Party Type	This column shows the party type of the party.
AS Procedure	This column shows the AS procedure the party is using. If a party uses more than one AS procedure, the AS procedures will be shown in one row separated by commas. This column only contains a value when the column 'Service Party Type' contains the value 'Ancillary System' or when the
	column 'Party Type' is filled with the value 'Ancillary System' and when no further filter is set for 'Service Party Type' or 'Ancillary System'.
Service Party Type	This column shows the service party type of the party. If a party uses more than one service party type, the service party types will be shown in one row separated by commas.
Banking Group	This column shows the banking group the party is linked to.
MFI Code	This column shows the MFI Code of the party.
Country Code	This column shows the country code of the responsible CB.

PARTY REFERENCE DATA – LIST SCREEN – LIST OF PARTY REFERENCE DATA



Exceptional Customer Credit Transfer Payments(pacs.008) Allowed	 functionality is activated for the party. Possible values: Yes Yes Ino If the party is a U2A only party, no value is displayed in this column. The content of this column is only visible if the result list contains at least one entry of 'Service Party Type' = 'RTGS Account Holder' or 'RTGS CB Account Holder' and if the corresponding party is related to the user who executed the query. The CB or payment bank related to a specific user as well as the user itself are able to see the content of this column for the queried party.
Exceptional Financial Institution Credit Transfer Payments(pacs.009) Allowed	This column shows whether the exceptional payment functionality is activated for the party. Possible values: I Yes I No If the party is a U2A only party, no value is displayed in this column. The content of this column is only visible if the result list contains at least one entry of 'Service Party Type' = 'RTGS Account Holder' or 'RTGS CB Account Holder' and if the corresponding party is related to the user who executed the query. The CB or payment bank related to a specific user as well as the user itself are able to see the content of this column for the queried party.
Value Date Check Deactivated	This column shows whether the value date check functionality is deactivated for the party. Possible values: I Yes I No If the party is a U2A only party, no value is displayed in this column.

PARTY REFERENCE DATA - LIST SCREEN - LIST OF PARTY REFERENCE DATA



PARTY REFERENCE DATA - LIST SCREEN - LIST OF PARTY REFERENCE DATA

The content of this column is only visible if the result list contains at least one entry of 'Service Party Type' = 'RTGS Account Holder' or 'RTGS CB Account Holder' and if the corresponding party is related to the user who executed the query. The CB or payment bank related to a specific user as well as the user itself are able to see the content of this column for the queried party.

Table 216 - Party RD – List Screen – List of Party Reference Data

Context	Menu
---------	------

Context Menu	PARTY REFERENCE DATA – LIST SCREEN – CONTEXT MENU					
	Display Cash Accounts	This context menu entry redirects the user to the <u>Cash</u> <u>Account Reference Data – List Screen</u> [▶ 366] while transmitting the following value: I Party BIC Required privilege: CLM_QueryLocPartyCashAccRefData				
	Table 217 - Party RD – List Scree	en – Context Menu				
	5.6.3 Cash Account Refe	rence Data – Query Screen				
Context of	This screen offers the possibility	y to query cash accounts to display their reference data.				
Usage	The search function allows the user to search for parties within the search criteria being relevant for CLM and RTGS. The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.					
	The cash accounts matching the data of the search fields are shown in the Cash Account Reference Data – List Screen [▶ 366].					
Screen Access	This screen can be reached in t	the following way:				
	I Reference Data >> Cash Account Reference Data – Query Screen					
	-	clicking on the smart-select button for fields that require in several screens throughout the CLM GUI.				
Privileges	To use this screen the following privilege is needed:					
	I CLM_QueryLocPartyCash	AccRefData				
References	This screen is part of the follow	ing use case:				
	I Query/List cash account re	eference data [▶ 521]				



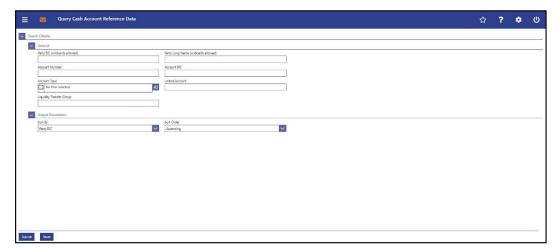


Figure 163 - Cash Account RD – Query Screen

Field Descriptions

CASH ACCOUNT RE	FERENCE DATA – QUERY SCREEN – GENERAL
Party BIC (wildcards allowed)	This field offers the possibility to restrict the result list to cash accounts belonging to a specific party by entering the party BIC.
	Required format: up to 11 characters
Party Long Name (wildcards allowed)	This field offers the possibility to restrict the result list to cash accounts with a specific party name.
	Required format: up to 350 characters
Account Number	 This field offers the possibility to restrict the result list to a specific cash account by entering the account number. This field and the field 'Account BIC' are mutually exclusive. Required format: up to 34 characters – with the following additional restrictions to the input value: Must not start or end with a space, but may have space/s within the middle Must not start or end with a slash May contain slashes within the middle, but not more than one consecutive slash
Account BIC	This field offers the possibility to restrict the result list to a specific cash account by entering the account BIC. This field and the field 'Account Number' are mutually exclusive. Required format: 8 or 11 characters



CASH ACC	OUNT REFERENCE DATA – QUERY SCREEN – GENERAL
Account Type	This field offers the possibility to restrict the result list to cash
	accounts of a specific account type.
	Select one or more of the following values:
	AS Guarantee Funds Account
	I AS Technical Account
	I CB ECB Account ¹¹³
	I CLM CB Account
	I CLM Dedicated Transit Account for RTGS
	I CLM Dedicated Transit Account for T2S
	I CLM Dedicated Transit Account for TIPS
	I CLM Technical Account for ECONS II
	I ECB Mirror Account ¹¹⁴
	I Marginal Lending Account ^{115 116}
	I MCA
	I Overnight Deposit Account ¹¹⁷
	I RTGS CB Account
	I RTGS DCA
	I RTGS Dedicated Transit Account
	I RTGS Sub-Account
	I TIPS Account
	I TIPS AS Technical Account
	I TIPS Transit Account
	I T2S DCA
	I T2S Dedicated Transit Account
	I T2S CB Account
	Default value: 'No filter selected'

- 113 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR 114
- 115 Until ECMS go-live
- Account type only relevant for users with party operating in EUR 116
- 117 Account type only relevant for users with party operating in EUR



CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – GENERAL					
Linked Account	This field offers the possibility to restrict the result list to a specific linked cash account.				
	Required format: up to 34 characters – with the following additional restrictions to the input value:				
	I Must not start or end with a space, but may have space/s within the middle				
	I Must not start or end with a slash				
	I May contain slashes within the middle, but not more than one consecutive slash				
Liquidity Transfer Group	This field offers the possibility to restrict the result list to cash accounts of a specific liquidity transfer group. Required format: up to 35 characters				

CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – GENERAL

Table 218 - Cash Account RD – Query Screen – General

	NCE DATA – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to
	be used to sort the elements in the result list.
	Possible values:
	I Account BIC
	I Account Monitoring Group
	I Account Number
	I Account Type
	I Blocking Status
	I Currency Code
	I Default MCA
	I Linked Account
	I Liquidity Transfer Group
	I MFI Code
	I Party BIC
	I Party Long Name
	I Sub-Account(s)
	Default value: 'Party BIC'



CASH ACCOUNT REFEREN	ENCE DATA – QUERY SCREEN – OUTPUT PARAMETERS					
Sort Order	This field offers the possibility to select the order which is to be					
	used to sort the elements in the result list.					
	Possible values:					
	I Ascending					
	I Descending					
	Default value: 'Ascending'					

Table 219 - Cash Account RD – Query Screen – Output Parameters

Buttons

CASH ACCOUNT RE	CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – BUTTONS			
Submit	The user can click on this button to query the cash account reference data matching the entered criteria. The result list will be displayed in the <u>Cash Account Reference</u> <u>Data – List Screen</u> [▶ 366].			
Reset	The user can click on this button to reset all fields to their default values.			

Table 220 - Cash Account RD – Query Screen – Buttons

5.6.4 Cash Account Reference Data – List Screen

Context ofThis screen lists all cash accounts and their reference data meeting a defined set ofUsagecriteria.

These criteria were either defined on the <u>Cash Account Reference Data – Query Screen</u> [▶ 362] or implicitly defined when opening this screen via a context menu.

The result list only shows the cash account reference data that is within the data scope of the user.

Screen Access This screen can be reached in the following ways:

- I Reference Data >> Cash Account Reference Data Query Screen >> [Submit]
- I Reference Data >> Party Reference Data Query Screen >> [Submit] >> Party Reference Data List Screen Context menu entry 'Display Cash Accounts'
- I Cash Transfer and Messages >> Cash Transfer Query Screen >> [Submit] >> Cash Transfers – List Screen – Context menu entry 'Cash Account Reference Data of Credit/Debit Account'



Cash Transfer and Messages >> Cash Transfer – Query Screen >> [Submit] >>
 Cash Transfers – List Screen >> Details of Cash Transfer – Context menu entry
 'Cash Account Reference Data of Credit/Debit Account'

Privileges To use this screen the following privilege is needed:

I CLM_QueryLocPartyCashAccRefData

References This screen is part of the following use case:

I <u>Query/List cash account reference data</u> [> 521]

Screenshot

≡		List of Cash Acco Query Cash Account Refe	unt Reference Data ence Data						☆	?	*	ወ
+	Search Criteria											
-	Results								Last Refresh: 2023-06	07 10:13:13	CEST	efresh
	List of Cash Accoun	t Reference Data										
	Blocking Status	Party BIC	Party Long Name	Account BIC	Account Number	Account Type	Default MCA	Linked Account	Account Monitoring Group	Liquidity	Transfe	*
	Not Blocked	PBAAGRATXO	X Payment Bank GR 1	PBAAGRATXC2	MGREURPBAAGRATXXX02	MCA	No	RGREURPBAAGRATXXX02	AMG01			
	Not Blocked	PBAAGRATXO	X Payment Bank GR 1	PBAAGRATXR2	RGREURPBAAGRATXXX02	RTGS DCA		MGREURPBAAGRATXXX02			[
	Not Blocked	PBAAGRATXO	X Payment Bank GR 1	PBAAGRATXC1	MGREURPBAAGRATXXX01	MCA	Yes	RGREURPBAAGRATXXX01	AMG01			
	Not Blocked	PBAAGRATXO	X Payment Bank GR 1		UGREURPBAAGRATXXXI01	RTGS Sub-Account		RGREURPBAAGRATXXXI01				
	Not Blocked	PBAAGRATX	X Payment Bank GR 1	PBAAGRATXR1	RGREURPBAAGRATXXX01	RTGS DCA		MGREURPBAAGRATXXX01	AMG01			
		PBAAGRATXO	X Payment Bank GR 1		IGREURPBAAGRATXXX01	TIPS Account	No		AMG01		[
		PBAAGRATX	X Payment Bank GR 1		CGREURPBAAGRATXXX01	T2S DCA	No		AMG01		[
	Not Blocked	PBABGRATXX	X Payment Bank GR 2	PBABGRATXC1	MGREURPBABGRATXXX01	MCA	Yes				[
	Not Blocked	PBACGRATXX	X Payment Bank GR 3	PBACGRATXC1	MGREURPBACGRATXXX01	MCA	Yes	RGREURPBACGRATXXX01				
	Not Blocked	PBACGRATXX	X Payment Bank GR 3	PBACGRATXR1	RGREURPBACGRATXXX01	RTGS DCA		MGREURPBACGRATXXX01			[
	Not Blocked	PBADGRATX	X Payment Bank GR 4	PBADGRATXC1	MGREURPBADGRATXXX01	MCA	Yes	RGREURPBADGRATXXX01				
	Not Blocked	PBADGRATX	X Payment Bank GR 4	PBADGRATXR1	RGREURPBADGRATXXX01	RTGS DCA		MGREURPBADGRATXXX01			[

Figure 164 - Cash Account RD – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Cash Account Reference Data – Query Screen</u> [▶ 362].

CASH ACCOUNT REFERENCE DATA – LIST SCREEN – LIST OF CASH ACCOUNT REFER-			
	ENCE DATA		
Blocking Status	This column shows the blocking status of the cash account. Possible values:		
	I Blocked For Credits		
	I Blocked For Debits		
	I Blocked For Credits and Debits		
	I Not Blocked		
	This column is empty for all types of T2S and TIPS accounts.		
Party BIC	This column shows the BIC of the party owning the cash account.		
Party Long Name	This column shows the name of the party.		
Account BIC	This column shows the account BIC of the cash account.		
Account Number	This column shows the account number of the cash account.		



CASH ACCOUNT REFERENCE DATA – LIST SCREEN – LIST OF CASH ACCOUNT REFERENCE DATA				
Account Type	This column shows the account type of the cash account.			
Default MCA	This column shows whether the MCA is marked as the default main cash account. This column is only filled when the cash account has the account type 'MCA'. Possible values: I Yes I No			
Linked Account	This column shows the account that is linked to the respective cash account.			
Account Monitoring Group	This column shows the name of the account monitoring groups that the cash account belongs to. If the account belongs to several account monitoring groups, the account monitoring groups will be shown in one row separated by commas.			
Liquidity Transfer Group	This column shows the name of the liquidity transfer groups that the cash account belongs to. If the account belongs to several liquidity transfer groups, the liquidity transfer groups will be shown in one row separated by commas.			
Sub-Account(s)	This column shows whether the RTGS Account Holder has sub-account(s). Possible values: I Yes I No			
MFI Code	This column shows the MFI code of the party owning the cash account.			
Currency Code	This column shows the currency code of the cash account.			

Table 221 - Cash Account RD – List Screen – List of Cash Account RD

For cash accounts of the following account types, no context menu is enabled: 'CLM CB Account', 'Overnight Deposit Account ¹¹⁸', 'Marginal Lending Account ¹¹⁹', 'CLM



Dedicated Transit Account', 'TIPS Transit Account', 'T2S Dedicated Transit Account', 'CB ECB Account ¹²⁰', 'ECB Mirror Account ¹²¹', 'TIPS Account', 'TIPS AS Technical Account' and 'MCA'.

Context Menu

CASH ACCOUNT REF	ERENCE DATA – LIST SCREEN – CONTEXT MENU
Display Sub-Accounts	This context menu entry updates the 'Cash Account Reference Data – List Screen' displaying the sub-accounts matching the Party BIC of the RTGS DCA or RTGS CB Account with the account type 'RTGS Sub-Account'. Displaying sub-accounts is only possible for RTGS DCAs and RTGS CB Accounts.
Display RTGS Account	This context menu entry updates the 'Cash Account Reference Data – List Screen' displaying the RTGS DCA or RTGS CB Account that is connected to the selected sub- account. Displaying the RTGS DCA or RTGS CB Account is only possible for RTGS sub-accounts.

Table 222 - Cash Account RD – List Screen – Context Menu

5.6.5 Cash Account Reference Data by MFI – Query Screen

Context ofThis screen offers the possibility to query cash accounts by MFI to display their referenceUsagedata.

The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'MFI Code' in ascending order.

The cash accounts by MFI matching the data of the search fields are shown in the <u>Cash</u> <u>Account Reference Data by MFI – List Screen</u> [▶ 372].

This screen is only relevant for users with party operating in EUR.

- **Screen Access** This screen can be reached in the following way:
 - I Reference Data >> Party Reference Data by MFI Query Screen

¹¹⁸ Account type only relevant for users with party operating in EUR

¹¹⁹ Account type only relevant for users with party operating in EUR

¹²⁰ Account type only relevant for users with party operating in EUR

¹²¹ Account type only relevant for users with party operating in EUR



Privileges	To use this screen the following privilege is needed	
	I CLM_QuerylocrefdatbyMFI	
References	This screen is part of the following use case:	

I <u>Query cash account by MFI</u> [▶ 522]



Search Citra's	- 🗠	Query Cash Account Reference Data by MFI Query Cash Account Reference Data by MFI			습	?	٠	
MI Code	Search Criter	rria						
Odpul Parameters Sof By Sof Order	- Gener	ral						
Sort By Sort Crider	MELC	Code						
Sort By Sort Order								
	- Outpu	ut Parameters						
MPT Code V According V	Sort B	By						
	MFIC	Code	Ascending					
	omit Re	201						

Figure 165 - Cash Account RD by MFI – Query Screen

Field Descriptions

CASH ACCOUNT REFERENCE DATA BY MFI – QUERY SCREEN – GENERAL

MFI Code	This field offers the possibility to restrict the result list to
	parties with a specific MFI Code.
	Required format: up to 35 characters

Table 223 - Cash Account RD by MFI – Query Screen – General

CASH ACCOUNT REFERENCE	DATA BY MFI – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible values:
	I Account Number
	I Account Type
	I Leading CLM Account Holder
	I MFI Code
	I Party BIC
	Default value: 'MFI Code'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.
	Possible values:
	I Ascending
	I Descending
	Default value: 'Ascending'



		y Mili – Query Screen – Output Para			
Buttons	CASH ACCOUNT REFE	RENCE DATA BY MFI – QUERY SC	REEN – BUTTONS		
	Submit	The user can click on this button t matching the entered criteria.	o query all cash accounts		
		The result list will be displayed in the Data by MFI – List Screen [▶ 372].	e Cash Account Reference		
	Reset	The user can click on this button default values.	to reset all fields to their		
	Table 225 - Cash Account RD by	y MFI – Query Screen – Buttons			
	5.6.6 Cash Account Reference Data by MFI – List Screen				
Context of	This screen lists cash accounts by MFI meeting a defined set of criteria. These criteria were defined on the <u>Cash Account Reference Data by MFI – Query Screen</u> [> 369].				
Usage					
	This screen is only relevant for	users with party operating in EUR	R.		
Screen Access	This screen can be reached in	the following way:			
	I Reference Data >> Cash Account Reference Data by MFI – Query Screen >> [Submit]				
Privileges	To use this screen the followin	g privilege is needed:			
	I CLM_QuerylocrefdatbyM	FI			
References	This screen is part of the follow	ving use case:			
	I Query cash account by M	FI [▶ 522]			
Screenshot	= 🥃 List of Cash Account Reference Data by MFI				
	List of Cash Account Reference Data by MFI Query Cash Account Reference Data by MFI> List of Cash Account Reference Search Griteria	Data by MFI > List of Cash Account Reference Data by MFI	ት ? 🌣 ሀ		
	List of Cash Account Reference Data by MFI MFI Code Leading CLM Account Holder	Party BIC Account Type	Account Number		
	GR10001 PBAAGRATIKOX GR10001 PBAAGRATIKOX GR10001 PBAAGRATIKOX	PBAAGRATIDOX MCA PBAAGRATIDOX MCA PBAAGRATIDOX MCA PBAAGRATIDOX RTGS DCA	MGREURPEAAGRAT00002 MGREURPEAAGRAT00001 RGREURPEAAGRAT00001		
	GR10001 PBAJGRATIOX GR10001 PBAJGRATIOX	PBAAGRATIOOC RTGS DCA PBAAGRATIOOC RTGS Sub-Account	RGREURPBAAGRATXXXIII UGREURPBAAGRATXXXIII		
	≪ C 1 → ≫ Results 1 to 5 of 5		b.		
	Figure 166 - Cash Account Refe	rence Data by MFI – List Screen			
Field	-	-	a values in the 'Secret		
Descriptions		the attributes and their respectiv			
		Carl House House Bala			

Table 224 - Cash Account RD by MFI – Query Screen – Output Parameters

[) 369].



CASH ACCOUNT REFERENCE DATA BY MFI – LIST SCREEN – LIST OF CASH ACCOUNT		
REFERENCE DATA BY MFI		
MFI Code	This column shows the MFI Code of the party.	
Leading CLM Account Holder	This column shows the BIC of the MFI leader. If the leading CLM Account Holder queries his own codes, this column shows its own party BIC (the party BIC of the leading CLM Account Holder).	
Party BIC	This column shows the BIC of the party the account belongs to.	
Account Type	This column shows the account type.	
Account Number	This column shows the account number.	

Table 226 - Cash Account RD by MFI – List Screen – List of Cash Account RD by MFI

5.6.7 BICs – Query Screen

Context ofThis screen offers the possibility to query BICs of financial institutions defined in theUsagereference data of CRDM.

The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorted by 'Financial Institution Name' in ascending order.

The financial institutions matching the data of the search fields are shown in the <u>BICs</u> – <u>List Screen</u> [\triangleright 375].

This screen is a smart-select screen that is displayed as a pop-up.

Screen Access This screen can be reached by clicking on the smart-select button for fields that require the input of a 'BIC' in several screens throughout the CLM GUI.

Privileges To use this screen there is no specific privilege needed.

- **References** To use this screen the following use case:
 - I <u>Query BIC</u> [▶ 523]



rch Criteria General		
Account BIC (wildcards allowed)	Financial Institution Name (wildcards allowed)	
Output Parameters		
Sort By	Sort Order	

Figure 167 - BICs – Query Screen

Field Descriptions

BIC	S – QUERY SCREEN – GENERAL
Account BIC (wildcards allowed)	This field offers the possibility to restrict the result list to account BICs matching a set of characters. Required format: up to 11 characters
Financial Institution Name (wildcards allowed)	This field offers the possibility to restrict the result list to account BICs whose financial institution name matches a set of characters. Required format: up to 35 characters

Table 227 - BICs – Query Screen – General

BICS – QU	ERY SCREEN – OUTPUT PARAMETERS
Sort By	 This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: Financial Institution Name Account BIC Currency Code
	Default value: 'Financial Institution Name'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending
	Default value: 'Ascending'

Table 228 - BICs – Query Screen – Output Parameters



Buttons	BIC	S - QUERY SCREEN - BUTTONS
	Submit	The user can click on this button to query all BICs matching the entered criteria.
		The result list will be displayed in the <u>BICs – List Screen</u> [▶ 375].
	Reset	The user can click on this button to reset all fields to their default values.
	Table 229 - BICs – Query Screer	– Buttons
	5.6.8 BICs – List Screen	
Context of Usage	This screen lists all BICs mee one or more BIC(s).	ting a defined set of criteria and allows the user to select
	These criteria were defined on	the <u>BICs – Query Screen</u> [▶ 373].
	This screen is a smart-select se	creen that is displayed as a pop-up.
Screen Access	This screen can be reached in	the following way:
	I BICs – Query Screen >> [Submit]
Privileges	To use this screen there is no s	specific privilege needed.
References	This screen is part of the follow	ing use case:
	I <u>Query BIC</u> [▶ 523]	
Screenshot	Account BIC	~
	Search Criteria	*
	General Account BIC (wildcards allowed)	Pinencial Institution Name (wildcards allowed)
	PBGGGR*	
	Submit Reset	Last Referant 2022-11-04 Obs1240 CETT Referant
	List of BICs Account BIC Financial Inst	
	PEGGGR001X Example Bank PEGGGR002X Example Bank	1 EUR
	(K) (1) >) Results 1 to 2 of 2	۰.
	Select	Guttes 2016 TO AVT RED VI Andrew Wolf
	Figure 168 - BICs List – Screen	

Figure 100 - BICS LIST - Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter BICs – Query Screen [▶ 373].



BICS – LIST SCREEN – LIST OF BICS		
Account BIC	This column shows the account BIC.	
Financial Institution Name	This column shows the name of the financial institution related to the account BIC.	
Currency Code	This column shows the currency code related to the account BIC.	

Table 230 - BICs – List Screen – List of BICs

Buttons

BICS – LIST SCREEN – BUTTONS			
Select	The user can click on this button to select all marked entries and return to the screen from which this smart-select screen was opened while transmitting the account BIC(s).		

Table 231 - BICs – List Screen – Buttons

5.7 Administration

5.7.1 Migration Information – Download Screen

Context ofThis screen offers the possibility to download the information which balances ofUsageunmapped TARGET2 accounts will be part of the balance of the CLM CB Account. The
information includes the TARGET2 Account ID, the CLM CB Account and the amount.

Note: Account balances in the TARGET2 GLs for which no mapping was provided will (as a sum) become part of the balance on the default CLM CB Account of the respective CB. In case no default CLM CB Account is defined, the balance will be migrated to any CLM CB Account of this CB.

This screen is only available for operators and central bank users.

- Screen Access This screen can be reached in the following way:
 - Administration >> Migration Information Download Screen

Privileges To use this screen the following privilege is needed:

I CLM_DownloadMigInf

References This screen is part of the following use case:

I Download migration information [> 524]





Figure 169 - Migration Information – Download Screen

Field Descriptions

MIGRATION INFORMATION -	DOWNLOAD SCREEN – DOWNLOAD BALANCES OF UN-		
MAPPED TARGET2 ACCOUNTS			
Country Code of Central Bank*	This field is pre-filled with the country code of the respective CB for which the list of unmapped accounts is to be downloaded. This value cannot be modified.		
	Default value: Country code of the CB		

Table 232 - Migration Information – Download Screen – Download Bal. of Unmapped TAR-GET2 Acc.

Buttons

MIGRATION INFORMATION – DOWNLOAD SCREEN – DOWNLOAD BALANCES OF UN-		
MAPPEI	D TARGET2 ACCOUNTS – BUTTONS	
Download	The user can click on this button to download information regarding the balances of unmapped TARGET2 accounts. When the user clicks on this button, a confirmation pop-up opens, asking the user if he wants to download the migration information.	
	By clicking on the 'Yes' button, a download window appears and a '.csv' file is downloaded. The user returns to the 'Migration Information – Download Screen'. By clicking on the 'No' button, the user returns to the 'Migration Information – Download Screen' with the already entered information.	

Table 233 - Migration Information – Download Screen – Buttons

5.7.2 Task Queue – Query Screen

Context of This screen offers the possibility to query tasks.

Usage The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Entry Timestamp' in descending order.

The tasks matching the data of the search fields are shown in the <u>Task Queue – List</u> <u>Screen</u> [\triangleright 383].



Screen Access	This screen can be reached in the following way:	
	Administration >> Task Queue – Query Screen	
Privileges	To use this screen the following privilege is needed:	
	I CLM_QueryTaskQueue	
References	This screen is part of the following use case:	

I <u>Query task queue</u> [▶ 525]



Query Task Queue						ជ	?	٠	
Search Criteria									
- General			 	 					
Task ID									
Task Type									
No filter selected	ĨA								
Amount									
	EUR								
Status									
No filter selected	ĨA								
- Output Parameters									
Sort By		rt Order							
Entry Timestamp	× 0	lescending	\sim						

Figure 170 - Task Queue – Query Screen

Field Descriptions

TASK QU	IEUE – QUERY SCREEN – GENERAL
	This field offers the possibility to restrict the result list to a task with a specific task ID. Required format: up to 16 characters
	 This field offers the possibility to restrict the result list to tasks of a specific task type. Select one or more of the following values: Activate Crisis Situation Administrate Minimum Reserve Penalty ¹²² Agree Blocked Cash Transfer Order Change Balance For Minimum Reserve Fulfilment ¹²³ Change CBO Reservation Change CBO Reservation Change Credit Line Fixed Amount Change Latest Settlement Time Change Queue Position To End Change Queue Position To Top

122 Task type only relevant for users with party operating in EUR

¹²³ Task type only relevant for users with party operating in EUR



Adm	ini	stra	tion
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TASK QUEL	E – QUERY SCREEN – GENERAL
1	Change Seizure Of Funds Reservation
1	Change Technical CBO Reservation
1	Deactivate Crisis Situation
1	Decrease Credit Line Delta Amount
1	Disagree Blocked Cash Transfer Order
1	Enter Broadcast
1	Enter Liquidity Transfer
1	Enter Payment
1	Increase Credit Line Delta Amount
1	Maintain Minimum Reserve Requirement ¹²⁴
1	Manual Reversal Booking
1	Migrate Data
1	Modify General System Parameter CSLD For Imm. And Next BD
1	Modify General System Parameters CSLD For Immediate Changes
1	Modify General System Parameters CSLD For Next Business Day
1	Process Standing Order CBO Reservation
1	Reject Payment With Exceeded Latest Debit Time
1	Repeat Sending
1	Revoke Cash Transfer Order
1	Skip Balance Snapshot DKK
1	Skip Data Propagation For T2
1	Skip General Ledger File
1	Simulate Negative Receipt Pull LT
1	Simulate Positive Receipt Pull LT
1	Simulate Receipt Push LT
1	Stop Accepting Interservice LT Response CBDK
1	Stop Accepting Interservice LT Response CEOD

¹²⁴ Task type only relevant for users with party operating in EUR



TASK Q	UEUE – QUERY SCREEN – GENERAL
	U2A Delete Migration Data
	I U2A Upload CSV Migration – ML Interest Rate
	I U2A Upload CSV Migration – National Mapping Table
	I U2A Upload CSV Migration – OVD Interest Rate
	I U2A Upload CSV Migration – RM Balance Migration
	I Upload A2A Message/File
	I Upload General Ledger/Balance Snapshot File
	Note: In case the user selects a task type that is not relevant for the user's party, the result set will be empty. The footnote below lists those task types that are only relevant for OT/CB users. ¹²⁵
	Default value: 'No filter selected'

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DT:
 Activate Crisis Situation Deactivate Crisis Situation Migrate Data Modify General System Parameters CSLD For Imm. And Next BD Modify General System Parameters CSLD For Immediate Changes Modify General System Parameters CSLD For Immediate Changes Modify General System Parameters CSLD For Next Business Day Skip Balance Snapshot DKK Skip Data Propagation For T2 Skip General Ledger File Stop Accepting Interservice LT Response CBDK Stop Accepting Interservice LT Response CEOD U2A Delete Migration Data U2A Upload CSV Migration – ML Interest Rate (Task type only relevant for users with party operating in EUR.) U2A Upload CSV Migration – OVD Interest Rate (Task type only relevant for users with party operating in EUR.) U2A Upload CSV Migration – RM Balance Migration (Task type only relevant for users with party operating in EUR.) Upload General Ledger/Balance



TASK QL	JEUE – QUERY SCREEN – GENERAL
Amount	This field offers the possibility to restrict the result list to tasks of a specific amount.
Status	 This field offers the possibility to restrict the result list to tasks of a specific status. Select one or more of the following values: To Confirm Confirmed Pending Partially Pending Completed Rejected
	I Withdrawn Default value: 'No filter selected'

Table 234 - Task Queue – Query Screen – General

TASK QUEUE -	- QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values:
	I Task ID
	I Business Case ID
	I Entry Timestamp
	I Task Type
	I Attribute
	I Amount
	I Old Value
	I New Value
	I Status
	I Initial User
	I Second User
	Default value: 'Entry Timestamp'



TASK QUEUE – QUERY SCREEN – OUTPUT PARAMETERS		
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.	
	Possible values:	
	I Descending	
	I Ascending	
	Default value: 'Descending'	

Table 235 - Task Queue – Query Screen – Output Parameters

Buttons

TASK QUEUE – QUERY SCREEN – BUTTONS			
Submit	The user can click on this button to query the tasks matching the entered criteria. The result list will be displayed in the <u>Task Queue – List</u> <u>Screen</u> [▶ 383].		
Reset	The user can click on this button to reset all fields to their default values.		

Table 236 - Task Queue – Query Screen – Buttons

5.7.3 Task Queue - List Screen

Context of	This screen lists all tasks meeting a defined set of criteria.			
Usage	These criteria were defined on the <u>Task Queue – Query Screen</u> [▶ 377].			
	The result list only shows the tasks that are within the data scope of the user.			
Screen Access	This screen can be reached in the following way:			
	I Administration >> Task Queue – Query Screen >> [Submit]			
Privileges	To use this screen the following privilege is needed:			
	I CLM_QueryTaskQueue			
References	This screen is part of the following use case:			
	I <u>Query task queue</u> [▶ 525]			





Figure 171 - Task Queue – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Task Queue – Query Screen</u> [▶ 377].

TASK QUEUE – LIST SCREEN – LIST OF TASK QUEUE				
Task ID	This column shows the task ID of the task.			
Business Case ID	This column shows the unique identifier of the task the user has changed.			
Entry Timestamp	This column shows the entry timestamp of the task.			
Task Type	This column shows the type of change of the task.			
Attribute	This column shows the name of the attribute that pertains to the task.			
Amount	This column shows the amount of the task.			
Old Value	This column shows the value of the attribute before the change (if the old value is available for the respective task type).			
New Value	This column shows the value of the attribute after the change.			



TASK QUEUE – LIST SCREEN – LIST OF TASK QUEUE			
Status	This column shows the status of the task.		
Initial User	This column shows the user who created the task.		
Second User	This column shows the user who confirmed or has withdrawn		
	the task.		

Table 237 - Task Queue – List Screen – List of Task Queue

Context Menu	TASK QUEUE – LIST SCREEN – CONTEXT MENU				
	Details	This context menu entry redirects the user to the <u>Task Queue</u> <u>– Details Screen</u> [▶ 385] for the selected task. Required privilege: CLM_QueryTask QueueDetail			
	Table 238 - Task Queue – List Screen – Context Menu				
	5.7.4 Task Queue – Details Screen				
Context of Usage	This screen shows the details of a selected task.				
Screen Access	This screen can be reached in	the following way:			
	I Administration >> Task C Screen >> Context menu	Queue – Query Screen >> [Submit] >> Task Queue – List entry 'Details'			
Privileges	To use this screen the following	g privilege is needed:			
	I CLM_QueryTaskQueueD	etail			
References	This screen is part of the follow	ring use cases:			
	I <u>Query task queue</u> [▶ 525]				
	I <u>Confirmation/Withdrawal</u>	of 4-eyes task entries [▶ 526]			
	I <u>Modify 4 eyes tasks</u> [▶ 52	7]			



:	= 1	2	Details of Task Q Query Task Queue > Ust o										?	٠	
-	Corresp	onding 1	Task												
	Task ID		Business Case ID	Entry Timestamp	Task Type	Attribute	Amount	Old Value	New Value	Status	Initial User	Second User			
	51	528310	12379544	2023-06-12 14:49:51 CEST	Change Earliest Settlement Time	Earliest Settlement Timestamp	\$50,000.00 EUR	2023-06-13 12:30:00 CEST		Completed	User-GR-CB-U1-CBI0ISRD00000	User-GR-CB-U1-CBX	NGRDEICOX		
	C C 1 3 2 Results the fart														
	Oversie	w Tank													

Figure 172 - Task Queue – Details Screen

Field Descriptions

TASK QUEUE – DETAILS SCREEN – CORRESPONDING TASK			
Task ID	This column shows the task ID of the task.		
Business Case ID	This column shows the unique identifier of the task the user has changed.		
Entry Timestamp	This column shows the entry timestamp of the task.		
Task Type	This column shows the task type of the task.		
Attribute	This column shows the name of the attribute that pertains to the task.		
Amount	This column shows the amount of the task.		
Old Value	This column shows the content of the attribute before the change (if the old value is available for the respective task type).		
New Value	This column shows the content of the attribute after the change.		



TASK QUEUE – DETAILS SCREEN – CORRESPONDING TASK			
Status	This column shows the status of the task.		
Initial User	This column shows the user who created the task.		
Second User	This column shows the user who confirmed or has withdrawn		
	the task.		

Table 239 - Task Queue – Details Screen – Corresponding Task

TASK QUEUE – DETAILS SCREEN – ERROR INFORMATION		
Error Code	This column shows the error code if occurred while processing the task.	
Error Description	This column shows the error description related to the error code.	

Table 240 - Task Queue – Details Screen – Error Information

TASK QUEUE – DETAILS SCREEN – OVERVIEW TASK

Note: Depending of the 'Task Type' of the task the user has previously selected on the 'Task Queue – List Screen', the section 'Overview Task' will show the corresponding screen according to the following list. The description needed of the shown values can be found in the field description of the respective screen. To display the information the privilege of the corresponding screen is needed.

Administrate Minimum Reserve Penalty ¹²⁶	For this task type the <u>Minimum Reserve</u> <u>Infringements – Administrate Min. Reserve</u> <u>Penalty Order – Pop-up</u> [* 351] is shown.			
Agree Blocked Cash Transfer Order	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.			
Change Balance For Minimum Reserve Fulfilment ¹²⁷	For this task type the <u>Minimum Reserve</u> <u>Fulfilments – List Screen</u> [342] is shown.			
Change CBO Reservation	For this task type the <u>Reservations – Display</u> <u>Screen</u> [▶ 312] is shown.			
Change Credit Line Fixed Amount	For this task type the Credit Line per Account			

¹²⁶ Task type only relevant for users with party operating in EUR

¹²⁷ Task type only relevant for users with party operating in EUR



TASK QUEUE – DETAILS S	SCREEN – OVERVIEW TASK
	Holder – List Screen [298] is shown.
Change Earliest Settlement Time	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Change Latest Settlement Time	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Change Queue Position To End	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Change Queue Position To Top	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Change Seizure Of Funds Reservation	For this task type the <u>Reservations – Display</u> <u>Screen</u> [▶ 312] is shown.
Decrease Credit Line Delta Amount	For this task type the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [298] is shown.
Disagree Blocked Cash Transfer Order	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Enter Broadcast	For this task type the <u>Broadcast – New Screen</u> [▶ 403] is shown.
Enter Liquidity Transfer	For this task type the <u>Liquidity Transfer – New</u> <u>Screen</u> [▶ 302] is shown.
Enter Payment	For this task type the <u>Financial Institution Credit</u> <u>Transfer – New Screen</u> [* 172] is shown.
Increase Credit Line Delta Amount	For this task type the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [298] is shown.
Maintain Minimum Reserve Requirement ¹²⁸	For this task type the Minimum Reserve Requirements – List Screen [338] is shown.
Manual Reversal Booking	For this task type either the <u>Cash Transfers</u> – <u>Manual Reversal Booking T2S</u> – <u>Pop-up</u> [▶ 118], the <u>Cash Transfers</u> – <u>Manual Reversal</u> <u>Booking TIPS</u> – <u>Pop-up</u> [▶ 120] or the <u>Cash</u>

¹²⁸ Task type only relevant for users with party operating in EUR



TASK QUEUE – DETAILS SCREEN – OVERVIEW TASK	
	<u>Transfers – Manual Reversal Booking RTGS –</u> <u>Pop-up</u> [▶ 123] is shown.
Repeat Sending	For this task type the <u>Messages – Details</u> <u>Screen</u> [> 146] is shown.
Revoke Cash Transfer Order	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109] is shown.
Simulate Negative Receipt Pull LT	For this task type either the <u>Messages –</u> <u>Simulate Receipt T2S – Pop-up</u> [149], the <u>Messages – Simulate Receipt TIPS – Pop-up</u> [152] or the <u>Messages – Simulate Receipt</u> <u>RTGS – Pop-up</u> [155] is shown.
Simulate Positive Receipt Pull LT	For this task type either the <u>Messages –</u> <u>Simulate Receipt T2S – Pop-up</u> [> 149], the <u>Messages – Simulate Receipt TIPS – Pop-up</u> [> 152] or the <u>Messages – Simulate Receipt</u> <u>RTGS – Pop-up</u> [> 155] is shown.
Simulate Receipt Push LT	For this task type the <u>Cash Transfers – Details</u> <u>Screen</u> [> 109] is shown.
Upload A2A Message/File	For this task type the <u>A2A File or Message –</u> <u>Upload Screen</u> [▶ 188] is shown.



Buttons

	TASK QUEUE – DETAILS SCREEN – BUTTONS
Confirm	The 'Confirm' button is only displayed if the corresponding task has the status 'To Confirm'. This button opens confirmation pop-up displaying the information 'Confirm to Task with ID : #####'.
	The 'Confirm' button will not be displayed in case of the ini user.
	By clicking on the 'Yes' button the notification area displation the confirmation with the information 'Task ###### successful confirmed'. The status of the 'Corresponding Task' changes 'Confirmed'.
	By clicking on the 'No' button the user returns to the 'Ta Queue – Details Screen' without confirming the task.
	The user will be asked to enter the PIN for digital signate purposes (NRO). For details see chapter Validations, sect 'Digital Signature – NRO'.
	Note: '######' is a placeholder for a variable task ID that shown.
	Note: For the task type 'Upload A2A Message/File', the <u>A</u> <u>File or Message – Upload Screen</u> [▶ 188] is opened as a po- up after clicking on the 'Confirm' button. A second user has confirm the submitted data by re-uploading the correspond file in the pop-up.
	References for error messages: [> 591]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U043
	I U044
	I U049
	I U076
	I U109

Table 241 - Task Queue – Details Screen – Overview Task



TASK QUEUE – DETAILS SCREEN – BUTTONS	
Withdraw	The 'Withdraw' button is only displayed if the corresponding task has the status 'To Confirm' and if it supports an 'Edit' functionality. This button opens a confirmation pop-up displaying the information 'Withdraw the Task with ID : ######
	By clicking on the 'Yes' button the notification area displays the withdrawal with the information 'Task ###### successfully withdrawn'. The status of the 'Corresponding Task' changes to 'Withdrawn'.
	By clicking on the 'No' button the user returns to the 'Task Queue – Details Screen' without withdrawing the task.
	The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	Note: '#####' is a placeholder for a variable task ID that is shown.
	References for error messages: [> 591]
	I E018
	I E074
	I U039
	I U040
	I U041
	I U043 {CR-143}
	I U044
	I U049
	I U109
Edit	The 'Edit' button is only displayed if the corresponding task

Edit

The 'Edit' button is only displayed if the corresponding task has the status 'To Confirm' and if it supports an 'Edit' functionality. This button opens a confirmation pop-up displaying the information 'Withdraw the Task with ID : ##### to create a new task'.

By clicking on the 'Yes' button the original task is withdrawn. The screen corresponding to the task that is to be modified is opened as a pop-up. The fields of the pop-up screen are prefilled with the values of the original task. The pop-up screen offers the possibility to submit a new task with modified



TASK QUEUE - DETAILS SCREEN - BUTTONS

values.

The table below shows which screen is opened as a pop-up depending on the task type. It also shows if the 'Edit' functionality is allowed and thus if the 'Edit' button is available for the respective task type.

The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.

By clicking on the 'No' button the user returns to the 'Task Queue – Details Screen' without editing the task.

Note: '#####' is a placeholder for a variable task ID that is shown.

Table 242 - Task Queue – Details Screen – Buttons

TASK QUEUE – DETAILS SCREEN – 'EDIT' BUTTON POP-UP

Note: Depending on the 'Task Type' that is to be edited, different screens will be shown as a popup after clicking on the 'Edit' button according to the following list. The description of the shown values can be found in the field description of the respective screen. To edit the task the privilege of the corresponding screen is needed. Some task types do not allow the 'Edit' functionality. This is also indicated in the following list.

Administrate Minimum Reserve Penalty ¹²⁹	For this task type the <u>Minimum Reserve</u> <u>Infringements – Administrate Min. Reserve</u> <u>Penalty Order – Pop-up</u> [* 351] is shown.
Agree Blocked Cash Transfer Order	No 'Edit' functionality.
Change Balance For Minimum Reserve Fulfilment ¹³⁰	For this task type the <u>Minimum Reserve</u> <u>Fulfilments – List Screen</u> [342] is shown.
Change CBO Reservation	For this task type the <u>Reservations – Display</u> <u>Screen</u> [> 312] is shown.
Change Credit Line Fixed Amount	For this task type the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [> 298] is shown.

¹²⁹ Task type only relevant for users with party operating in EUR

¹³⁰ Task type only relevant for users with party operating in EUR



TASK QUEUE – DETAILS SCREEN – 'EDIT' BUTTON POP-UP	
Change Earliest Settlement Time	For this task type the <u>Cash Transfers – Modify</u> <u>Earliest Debit Timestamp – Pop-up</u> [▶ 112] is shown.
Change Latest Settlement Time	For this task type the <u>Cash Transfers – Modify</u> <u>Latest Debit Timestamp – Pop-up</u> [- 115] is shown.
Change Queue Position To End	No 'Edit' functionality.
Change Queue Position To Top	No 'Edit' functionality.
Change Seizure of Funds Reservation	For this task type the <u>Reservations – Display</u> <u>Screen</u> [▶ 312] is shown.
Decrease Credit Line Delta Amount	For this task type the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [> 298] is shown.
Disagree Blocked Cash Transfer Order	No 'Edit' functionality.
Enter Broadcast	For this task type the <u>Broadcast – New Screen</u> [403] is shown.
Enter Liquidity Transfer	For this task type the <u>Liquidity Transfer – New</u> <u>Screen</u> [▶ 302] is shown.
Enter Payment	For this task type the <u>Financial Institution Credit</u> <u>Transfer – New Screen</u> [172] is shown.
Increase Credit Line Delta Amount	For this task type the <u>Credit Line per Account</u> <u>Holder – List Screen</u> [> 298] is shown.
Maintain Minimum Reserve Requirement ¹³¹	For this task type the <u>Minimum Reserve</u> <u>Requirements – List Screen</u> [> 338] is shown.
Manual Reversal Booking	For this task type either the <u>Cash Transfers</u> – <u>Manual Reversal Booking T2S</u> – Pop-up [▶ 118], the <u>Cash Transfers</u> – <u>Manual Reversal</u> <u>Booking TIPS</u> – Pop-up [▶ 120] or the <u>Cash</u> <u>Transfers</u> – <u>Manual Reversal Booking RTGS</u> – <u>Pop-up</u> [▶ 123] is shown.

¹³¹ Task type only relevant for users with party operating in EUR



	TASK QUEUE – DETAILS SCF	REEN – 'EDIT' BUTTON POP-UP
	Repeat Sending	No 'Edit' functionality.
	Revoke Cash Transfer Order	No 'Edit' functionality.
	Simulate Negative Receipt Pull LT	For this task type either the <u>Messages –</u> <u>Simulate Receipt T2S – Pop-up</u> [149], the <u>Messages – Simulate Receipt TIPS – Pop-up</u> [152] or the <u>Messages – Simulate Receipt</u> <u>RTGS – Pop-up</u> [155] is shown.
	Simulate Positive Receipt Pull LT	For this task type either the <u>Messages</u> – <u>Simulate Receipt T2S</u> – <u>Pop-up</u> [> 149], the <u>Messages</u> – <u>Simulate Receipt TIPS</u> – <u>Pop-up</u> [> 152] or the <u>Messages</u> – <u>Simulate Receipt</u> <u>RTGS</u> – <u>Pop-up</u> [> 155] is shown.
	Simulate Receipt Push LT	No 'Edit' functionality.
	Upload A2A Message/File	No 'Edit' functionality.
	Table 243 - Task Queue – Details Screen – 'Edit' Button Pop-Up	
	5.7.5 Broadcasts – Query Screen	
Context of Usage	This screen offers the possibility to query se generated broadcasts.	nt or received operations-related and system-
	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Send Timestamp' in descending order.	
	The broadcasts matching the data of the sea Screen [▶ 398].	arch fields are shown in the <u>Broadcasts – List</u>
Screen Access	This screen can be reached in the following way:	
	Administration >> Broadcasts – Query	Screen
Privileges	To use this screen the following privilege is r	needed:
	I CLM_QueryBroadcast	
References	This screen is part of the following use cases I Query broadcast [▶ 528]	S:

- Query broadcast [> 528]
- Display broadcast [▶ 528] I



Screenshot

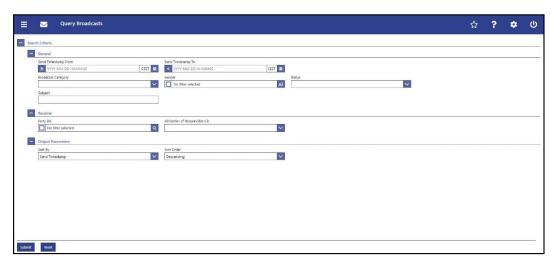


Figure 173 - Broadcasts – Query Screen

Field Descriptions

BROADCASTS – QUERY SCREEN – GENERAL	
Send Timestamp From	This field offers the possibility to restrict the result list to broadcasts with a send timestamp equal to or later than the date and time entered in this field. The value in this field must be earlier than the value in the field 'Send Timestamp To'. The user can enter the timestamp manually or specify it by clicking on the calendar button.
	Required format: YYYY-MM-DD HH:MM:SS
Send Timestamp To	This field offers the possibility to restrict the result list to broadcasts with a send timestamp earlier than the date and time entered in this field.
	The value in this field must be later than the value in the field 'Send Timestamp From'.
	The user can enter the timestamp manually or specify it by clicking on the calendar button.
	Required format: YYYY-MM-DD HH:MM:SS
Broadcast Category	This field offers the possibility to restrict the result list to broadcasts of a specific category.
	Possible values:
	I Alert
	I Normal



BROADCASTS – QUERY SCREEN – GENERAL	
Sender	This field offers the possibility to restrict the result list to one or more specific user type(s) who sent the broadcast. CB users are represented by their respective country codes.
	A PB user can select one or more of the following values:
	I Operator
	I System
	I Country code of parent CB
	A CB user can select one or more of the following values:
	I Operator
	I System
	I Country code of CB
	Default value: 'No filter selected'
Status	This field offers the possibility to restrict the result list to broadcasts with a specific status.
	Possible values:
	I Delivered
	I Read
	I Received
Subject	This field offers the possibility to search for a broadcast via the subject line or part of the subject line.

Table 244 - Broadcasts – Query Screen – General

BROADCASTS – QUERY SCREEN – RECEIVER	
 This field offers the possibility to restrict the result list to one or more specific receiver(s) of the broadcast by entering one or more party BIC(s). The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [▶ 354] as a pop-up. The result list will be shown if at least one of the specified parties was within the recipients of the broadcast. This field and the field 'All Parties of Responsible CB' are 	



BROADCASTS – QUERY SCREEN – RECEIVER		
	 This field is only visible for: I Operator I CB Required format: 8 or 11 characters 	
All Parties of Responsible CB	This field offers the possibility to restrict the result list to the country code of one specific CB to show broadcasts which were sent to settlement banks of this specific parent. This field and the field 'Party BIC' are mutually exclusive. This field is only visible for:	
	I CB	

Table 245 - Broadcasts – Query Screen – Receiver

BROADCASTS – QUERY SCREEN – OUTPUT PARAMETERS		
Sort By	 This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: I Broadcast Type I Send Timestamp 	
	I Sender I Status Default value: 'Send Timestamp'	
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending Default value: 'Descending'	

Table 246 - Broadcasts – Query Screen – Output Parameters

Buttons

BROADCASTS – QUERY SCREEN – BUTTONS



	BROADCASTS – QUERY SCREEN – BUTTONS								
		BROAD			ien Be		10		
	Submit			e entered	criteria.	The re	sult list	ry all broadc will be displa	
	Reset		The user ca default value		n this bu	itton to	o reset	all fields to	their
	Table 247 - Br	oadcasts – Query	Screen – But	ttons					
	5.7.6 Broa	dcasts – List S	Screen						
Context of	This screen li	sts all broadcasts	s meeting a d	efined se	t of crite	ria			
			-						
Usage	These criteria	were defined on	the Broadca	<u>sts – Qu</u>	ery Scre	<u>en</u> [▶	394].		
Screen Access	This screen can be reached in the following ways:								
			-		[O h.	:41			
	I Adminis	tration >> Broadc	asts – Query	Screen	>> [Subi	nitj			
	I Sub-hea	der >> [Broadcas	st button]						
Privileges	To use this screen the following privilege is needed:								
			3 3						
	I CLM_Q	ueryBroadcast							
References	This screen is	part of the follov	ving use case	es:					
	L Display	·	-						
	I <u>Display</u>	oroadcast [▶ 528]							
	I <u>Enter br</u>	<u>oadcast</u> [▶ 529]							
Screenshot									
Screenshot	List of Broadd Query Broaddasts	asts						☆ ? ।	ኦ ብ
	+ Search Criteria - Results							Last Refresh: 2023-06-12 10:26:06 C	EST Refresh
	List of Broadcasts Send Timestamp	Subject	Broadcast Category	Sender Status	Party BIC	Exclude	Party Group	All Settlement Banks of AS	
	2023-06-12 09:29:00 CEST 2023-06-12 08:14:27 CEST	Procedure E - Settlement failure Procedure E - Queuing for liquidity	Normal	System Received	PBACGRATXOX	No			
	2023-06-07 12:30:00 CEST 2023-06-07 12:10:00 CEST	Latest debit time warning (till time) Latest debit time warning (reject time)	Alert	System Read	PBBAGRD0XXX	No			
	2023-06-07 12:10:00 CEST 2023-06-07 12:10:00 CEST	Latest debit time warning (reject time)	Alert	System Read	PBAAGRATXXX	No			
	2023-06-07 12:10:00 CEST 2023-06-07 11:45:00 CEST	Latest debit time warning (reject time) Latest debit time warning (till time)	Alert	System Read	PBAAGRATIOX PBCAGRD0X0X	No			
	2023-06-07 11:45:00 CEST	Latest debit time warning (till time)	Alert	System Read	PBCAGRD0X0X	No			
	2023-06-07 11:29:00 CEST 2023-06-07 11:12:00 CEST	Procedure E - Settlement failure Procedure E - Settlement failure	Normal	System Received System Received	PBACGRATIXX	No			
	2023-06-07 10:45:01 CEST	Latest debit time warning (till time)	Alert	System Read	PBHAGRD0XXX	No			
	2023-06-07 10:13:55 CEST	Procedure E - Queuing for liquidity	Normal	System Received	PBACGRATIXOX	No			

Figure 174 - Broadcasts – List Screen

Procedure E - Queuing for Equidity

Latest debit time warning (reject time)

Field Descriptions

2023-06-07 09:55:53 CEST

2023-06-05 15:40:00 CEST

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Broadcasts – Query Screen [> 394].

Alert

.... ---



BROADCASTS - LIST SCREEN - RESOLTS - LIST OF BROADCASTS		
Send Timestamp	This column shows the send timestamp of the broadcast.	
Subject	This column shows the subject of the broadcast.	
Broadcast Category	This column shows the category of the broadcast.	
Sender	This column shows the sender of the broadcast.	
	A country code in this column indicates the relevant CB.	
Status	This column shows the specific status of the broadcast. The status 'Delivered' is shown to the sender of the broadcast (CB or the operator) and does not change depending on whether specific receiver(s) read or received the broadcast. The status 'Read' and 'Received' are shown to the receiver of	
	the broadcast depending on whether the specific user read or received the broadcast.	

BROADCASTS – LIST SCREEN – RESULTS – LIST OF BROADCASTS



BROADCASTS – LIST SCREEN – RESULTS – LIST OF BROADCASTS	
Party BIC	 This column shows all recipients of a broadcast if the broadcast was sent via the definition of specific parties. If the broadcast was sent to multiple parties, all parties will be shown in one row separated by commas. When the field 'Party BIC' was used in combination with value 'Exclude' in field 'Exclude', then the excluded party BICs are displayed. This column is only visible for: Operator CB
Party Group	 This column shows the recipient of a broadcast if the broadcast was sent to a specific group of parties. A country code in this column indicates the broadcast was sent to all parties of the corresponding CB (and the CB itself if the operator sent the broadcast). This column is only visible for: Operator CB
Exclude	 This column shows if the broadcast was sent to all parties in the component except the selected parties. Possible values: Empty Exclude This column is only visible for: Operator CB

BROADCASTS – LIST SCREEN – RESULTS – LIST OF BROADCASTS

Table 248 - Broadcasts - List Screen - Results - List of Broadcasts

Context Menu	BROADCASTS – LIST SCREE	N – RESULTS – LIST OF BROADCASTS – CONTEXT MENU
	Details	This context menu entry redirects the user to the <u>Broadcasts –</u> <u>Details Screen</u> [> 401], displaying the details of the selected broadcast.
	Clone	This context menu entry redirects the user to the <u>Broadcasts –</u> <u>New Screen</u> [* 403] while pre-filling the fields of that screen



	BROADCASTS – LIST SCREEN – RESULTS – LIST OF BROADCASTS – CONTEXT MENU
	with the information of the selected broadcast.
	This entry is only visible for:
	I Operator
	I CB
	Table 249 - Broadcasts – List Screen – Results – List of Broadcasts – Context Menu
	5.7.7 Broadcast – Details Screen
Context of Usage	This screen shows the details of one specific received or sent broadcast.
Screen Access	This screen can be reached in the following way:
	I Administration >> Broadcasts – Query Screen >> [Submit] >> Broadcasts – List Screen >> Context menu entry 'Details'
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryBroadcast
References	This screen is part of the following use cases:
	I <u>Display broadcast</u> [▶ 528]
	I <u>Enter broadcast</u> [▶ 529]
Screenshot	Image: Section Production Ling Andream Control Production Ling

Figure 175 - Broadcast – Details Screen

Field Note: For the description of the attributes and the available context menu entries in the 'Corresponding Broadcast' section see chapter Broadcasts - List Screen [> 398]. Descriptions



BROADCAST – DETAILS SCREEN – BROADCAST INFORMATION		
Broadcast Category	This field shows the category of the broadcast.	
Status	This field shows the specific status of the broadcast.	
Subject	This field shows the subject of the broadcast.	
Text	This field shows the textual content of the broadcast.	

Table 250 - Broadcast – De	tails Screen – Broadcast Information
----------------------------	--------------------------------------

BROADCAST – DETAILS SCREEN – SENDER INFORMATION	
Sender	This field shows the sender of the broadcast.
	A country code in this field indicates the relevant CB.

Table 251 - Broadcast – Details Screen – Sender Information

BROADCAST – DETAILS SCREEN – RECEIVER INFORMATION		
Party BIC	This field shows all recipients of a broadcast if the broadcast was sent to specific parties.	
	If the broadcast was sent to multiple parties, all parties will be shown in this field separated by commas. When the field 'Party BIC' was used in combination with value 'Exclude' in field 'Exclude', then the excluded party BICs are displayed.	
	This field is only visible for:	
	I Operator	
	I CB	
Party Group	This field shows the recipient of a broadcast if the broadcast was sent a specific group of parties.	
	A country code in this field indicates the broadcast was sent to all parties of the corresponding CB (and the CB itself if the operator sent the broadcast).	
	This field is only visible for:	
	I Operator	
	I CB	
Exclude	This column shows if the broadcast was sent to all parties in the component except the selected parties.	
	Possible values:	



BROADCAST – DETAILS SCREEN – RECEIVER INFORMATION		
	I Empty	
	I Exclude	
	This column is only visible for:	
	I Operator	
	I CB	

Table 252 - Broadcast – Details Screen – Receiver Information

BROADCAST – DETAILS SCREEN – DATE-TIME INFORMATION		
Send Timestamp	This field shows the send timestamp of the broadcast.	
Expiration Date	This field shows the expiration date of the broadcast.	
	Whenever a user logs in on a business day later than the	
	given expiration date, the respective alert broadcast does not	
	open as a pop-up anymore.	

Table 253 - Broadcast – Details Screen – Date-Time Information

	5.7.8 Broadcast – New Screen		
Context of Usage	This screen offers the possibility to enter and send a broadcast. If this screen is accessed via the context menu entry 'Clone' on the <u>Broadcasts – List</u> <u>Screen</u> [▶ 398] or the <u>Broadcast – Details Screen</u> [▶ 401], the fields on this screen are pre-filled with the values of the previously selected broadcast.		
Screen Access	 This screen is only available for operators and central bank users. This screen can be reached in the following ways: Administration >> Broadcasts – New Screen Administration >> Broadcasts – Query Screen >> [Submit] >> Broadcasts – List Screen >> Context menu entry 'Clone' 		
	I Administration >> Broadcasts – Query Screen >> [Submit] >> Broadcasts – List Screen >> Broadcast – Details Screen >> Context menu entry 'Clone'		
Privileges	To use this screen the following privilege is needed:		
	I CLM_NewBroadcast		
References	This screen is part of the following use case:		
	I <u>Enter broadcast</u> [▶ 529]		



Screenshot

😑 🔽 New	Broadcast				☆	٠	ወ
	Instal de Honorden Instal de Group* Sapar Sapar Sapar Sapar Sapar Sapar Sapar Sapar	Londer tufmenden	hey Gray	Lovie			

Figure 176 - Broadcast – New Screen

Field Descriptions

BROADCAST – NEW SCREEN – BROADCAST INFORMATION	
Broadcast Category*	This field requires the user to select the category as which the broadcast will be sent. Possible values: I Alert I Normal
Subject*	Default value: 'Normal' This field requires the user to enter a specific subject for the broadcast. Required format: up to 35 characters
Text*	This field requires the user to enter the broadcast message. Required format: up to 1000 characters

Table 254 - Broadcast – New Screen – Broadcast Information

BROADCAST – NEW SCREEN – RECEIVER INFORMATION*

It is mandatory to fill one of the fields 'Party BIC' and 'All Parties of Responsible CB'.

Party BIC	This field offers the possibility to specify one or more receiver(s) of the broadcast by entering one or more party BIC(s).
	The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the <u>Party</u> <u>Reference Data – Query Screen</u> [1354] as a pop-up.
	In combination with selected value 'Exclude' in field 'Exclude', the broadcast is sent to all parties in the component except for the parties entered in field 'Party BIC'.
	This field and the field 'All Parties of Responsible CB' are mutually exclusive.
	Required format: 8 or 11 characters



BROADCAST – NEW SCREEN – RECEIVER INFORMATION*	
	References for error messages: [> 541] I U060 I U061
Party Group	This field offers the possibility to select all parties of one CB as receivers of the broadcast by selecting the country code of the relevant CB. Possible values: I Empty I All I All CBs. I Own country code (CB) This field and the field 'Party BIC' are mutually exclusive. References for error messages: [▷ 541] I U062 I U063 I U064
Exclude	 This field offers the possibility to send the broadcast to all parties in the component except the selected parties. Possible values: Empty Exclude References for error messages: U063



Table 255 - Broadcast – New Screen – Receiver Information

BROADCAST –	NEW SCREEN – DATE-TIME INFORMATION
Expiration Date*	This field requires the user to enter the expiration date of the broadcast.
	Whenever a user logs in on a business day later than the given expiration date, the respective alert broadcast does not open as a pop-up anymore.
	The date can be set up to 10 business days in advance.
	The user can enter the expiration date manually or specify it by clicking on the calendar button.
	Default value: Next business day
	Required format: YYYY-MM-DD
	References for error messages: [> 541]
	I U067

Table 256 - Broadcast – New Screen – Date-Time Information

Buttons

BROAI	DCAST - NEW SCREEN - BUTTONS
Submit	The user can click on this button to submit the broadcast. The user will be asked to enter the PIN for digital signature purposes (NRO). For details see chapter Validations, section 'Digital Signature – NRO'.
	After clicking on this button, the notification area shows whether the data submission and task creation were successful. In case of successful data submission, the notification area also shows a task ID.
	References for error messages [▶ 541]:
	I E018
	I E074
	I U039
	I U040
	I U041
	I U044
	I U058
	I U059



BROA	DCAST – NEW SCREEN – BUTTONS
	I U060
	I U061
	I U062
	I U063
	I U064
	I U067
	I U109
Reset	The user can click on this button to reset all fields to their default values.

Table 257 - Broadcast – New Screen – Buttons

5.7.9 Events – Query Screen

Context of This screen offers the possibility to query events concerning the current business day.

Usage The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Planned Event Day / Time' in ascending order.

The events matching the data of the search fields are shown in the <u>Events – List Screen</u> [\triangleright 410].

- **Screen Access** This screen can be reached in the following way:
 - I Administration >> Events Query Screen
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryListEvents

References This screen is part of the following use case:

I <u>Query events</u> [▶ 530]



Screenshot



Figure 177 - Events – Query Screen

Field Descriptions

EVENTS – QUERY SCREEN – GENERAL		
Status	This field offers the possibility to restrict the result list to events of a specific status.	
	Possible values:	
	I Active	
	I Deleted	
	Default value: 'Active'	
Event Code	This field offers the possibility to restrict the result list to events with a specific and unique event code. Required format: 4 characters	
Event Description	This field offers the possibility to restrict the result list to events with a specific event description. Required format: up to 127 characters	
Currency-Specific	This field offers the possibility to restrict the result list to currency-specific events.	
	value is "Yes", the event exists in one dedicated currency or alternatively, exists in each currency, but sub-processes and timeframes might differ from currency to currency.{CR-143}	
	Possible values:	
	I Yes	
	I No	
	Default value: 'No filter selected'	



Administration

EVENTS – QUERY SCREEN – GENERAL	
	This field is only visible for:
	I Operator
	I CB

Table 258 - Events - Query Screen - General



EVENTS – QUERY SCREEN – OUTPUT PARAMETERS	
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.
	Possible values:
	I Status
	I Event Code
	I Event Description
	I Planned Event Day / Time
	I Current Event Day / Time
	Default value: 'Planned Event Day / Time'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.
	Possible values:
	I Ascending
	I Descending
	Default value: 'Ascending'

Table 259 - Events – Query Screen – Output Parameters

Buttons	EVENTS – QUERY SCREEN – BUTTONS		
	EVENTS - QUERT SCREEN - BUTTONS		
	Submit	The user can click on this button to query the events matching the entered criteria.	
		The result list will be displayed in the <u>Events – List Screen</u> [> 410].	
	Reset	The user can click on this button to reset all fields to their default values.	
	Table 260 - Events – Query Screen – Buttons		
	5.7.10 Events – List Screen		
Context of Usage	This screen lists all events concerning the current business day meeting a defined set of criteria.		
	These criteria were defined on the Events – Query Screen [▶ 407].		
Screen Access	This screen can be reached in	the following way:	
	I Administration >> Events – Query Screen >> [Submit]		



Privileges To use this screen the following privilege is needed:

I CLM_QueryListEvents

References This screen is part of the following use case:

I <u>Query events</u> [▶ 530]

Screenshot

Search Crite	ria					
Results					Last Refresh: 2023-07-03 13:53:44	CEST
List of Even	ts .					
Status	Event Code	Event Description	Currency-Specific	Planned Event Day / Time	Current Event Day / Time	
Active	CSOD	Change Of Business Day	No	2023-06-30 17:00:00 CEST	2023-06-30 16:01:00 CEST	
Active	CSMW	Start Of Non-Optional Maintenance Window	No	2023-07-03 06:00:00 CEST	2023-07-01 05:00:00 CEST	
Active	CRTI	Start Of CLM RTS	Ves	2023-06-30 17:15:00 CEST	2023-06-30 16:15:00 CEST	
Active	CESO	Execution Of Standing Orders In CLM	Ves	2023-06-30 17:30:00 CEST	2023-06-30 16:30:00 CEST	
Active	CEOD	Start Of End OF Day Processing	Ves	2023-07-03 16:15:00 CEST	2023-07-03 16:15:00 CEST	
Active	CEMW	End Of Non-Optional Maintenance Window	No	2023-07-03 10:00:00 CEST	2023-07-03 06:00:02 CEST	
Active	CCSF	General Cut-Off For Standing Facilities	Ves	2023-07-03 16:30:00 CEST	2023-07-03 12:30:00 CEST	
Active	ccos	End Of Day - Close Of Service	No	2023-07-03 16:55:00 CEST	2023-07-03 16:55:00 CEST	
Active	CCML	Central Bank Cut-Off For Marginal Lending On Request	Ves	2023-07-03 16:55:00 CEST	2023-07-03 12:55:00 CEST	
Active	CCII	Cut-Off For CLM RTS	Ves	2023-07-03 16:15:00 CEST	2023-07-03 12:15:00 CEST	

Figure 178 - Events – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter <u>Events – Query Screen</u> [▶ 407].

EVENTS – LIST SCREEN – LIST OF EVENTS		
Status This column shows the status of the event.		
Event Code	This column shows the event code.	
Event Description	This column shows the event description.	



EVENTS – LIST SCREEN – LIST OF EVENTS		
Currency-Specific	This column shows if the event is currency-specific. This means that the event exists in each currency. However, sub-processes and timeframes might differ from currency to currency. Possible values: I Yes I No This column is only visible for: I Operator I CB	
Planned Event Day / Time	This column shows the planned event day and time as initially provided by the BDM for the current business day.	
Current Event Day / Time	This column shows the current event day and time. This may be identical to the 'Planned Event Day /Time'. In case of changes it shows the revised time or the effective time of the event.	

Table 261 - Events – List Screen – List of Events

5.7.11 General System Parameters – Display Screen

Context of Usage	This screen displays the general RTGS/CLM system parameters, their current values and their foreseen changes for the next business day.		
	This screen is only available for operators and central bank users.		
Screen Access	This screen can be reached in the following way:		
	I Administration >> General System Parameters – Display Screen		
Privileges	To use this screen the following privilege is needed:		
	I CLM_DisplaySysPara		
References	This screen is part of the following use case:		
	I <u>Display system parameter</u> [▶ 531]		



Screenshot

		Last Refresh: 2022-11-00 1054005 CET			
isplay General System Parameters					
iysteen Paraereefee	System Parameter Value	New System Parameter Wake Next Business Day			
Ngo 2 Successor Mark	Algo 3				
Lutoff Difference for Algos	31 Seconds	1			
Intradicant Expiration Days	10				
Ime Span for Broadcast prior Latest Debit Time	900 Seconds	80			
Vinter/Summer Time Switch Timestamp	2023-03-26702.00.00.00000	2022-03-27703.00.0			
Time Shift Before Switch	1 Hourg)				
Ime Shift After Switch	2 Hour(s)				
dax Number of Transactions AS Batch	20.000				
As: Number of Transactions AS E Singled	3,000				
Imeout Time Span Intersentice Query	999 Miliseconds	999 M			
Vonitoring Time Span Intersenice Query Response	2,000 Milliseconds	2,000 M			
biduation ML on Request from Interest Calculation Reg	No.				
25 Smulator Active Flag	iradie				
1PS Simulator Active Flag	iradie				
J2A Business Message Signature Check Active Rag	Active				
CMS Date of Galive	2022-08-01	1			
LM User in T2S	CANACTORY	0.			
umber of business days for duplicate check on RDBI	1				
Imeout Time Span General Ledger	1,000 Seconds	1.00			
Imeout Time Span Stop Accepting Interservice LT	1,000 Seconds	1,00			
Imeout Time Span Interservice LT Response	7.200 Seconds	7,2			

GENERAL SYSTEM PARAMETER - DISPLAY SCREEN - RESULTS - DISPLAY GENERAL

Figure 179 - General System Parameters – Display Screen

Field Descriptions

SYSTEM PARAMETERS			
System Parameter	This column shows the general system parameters valid for CLM and/or RTGS by labelling the rows with the following values:		
	I Algo 2 Successor Mark		
	I Cutoff Difference for Algos		
	I Broadcast Expiration Days		
	I Time Span for Broadcast prior Latest Debit Time		
	I Winter/Summer Time Switch Timestamp		
	I Time Shift Before Switch		
	I Time Shift After Switch		
	I Max Number of Transactions AS Batch		
	I Max Number of Transactions AS E Singled		
	I Timeout Time Span Interservice Query		
	I Monitoring Time Span Interservice Query Response		
	I Exclusion ML on Request from Interest Calculation Flag		
	I T2S Simulator Active Flag		
	I TIPS Simulator Active Flag		
	I U2A Business Message Signature Check Active Flag		
	I ECMS Date of Golive		

132 System parameter only relevant for users with party operating in EUR



GENERAL SYSTEM PARAMETER – DISPLAY SCREEN – RESULTS – DISPLAY GENERAL SYSTEM PARAMETERS		
	 DKK Date of Golive DKK - T2S Snapshot Activation Date CLM User in T2S Number of business days for duplicate check on RGBI Timeout Time Span General Ledger Timeout Time Span Stop Accepting Interservice LT Timeout Time Span Interservice LT Response Note: The parameters 'T2S Simulator Active Flag', 'TIPS Simulator Active Flag' and 'U2A Business Message Signature Check Active Flag' are only available in test environments. 	
System Parameter Value	This column shows the current value of each given general system parameter valid for CLM and/or RTGS.	
New System Parameter Value Next Business Day	This column shows the value of each given general system parameter valid for CLM and/or RTGS valid from the next business day onwards. All changes done in 2-eyes or 4-eyes mode are displayed in red colour.	

Table 262 - General System Parameter – Display Screen – Display General System Parameters

5.8 Monitoring

5.8.1 Liquidity on CB Level - Display Screen

Context of This screen lists either:

Usage

Aggregated liquidity information related to all MCAs, RTGS DCAs, sub-accounts, AS Т Technical Accounts, AS Guarantee Accounts, CB Accounts, CB ECB Accounts¹³³, ECB Mirror Accounts ¹³⁴, Marginal Lending Accounts ¹³⁵, Overnight Deposit Ac-

¹³³ Account type only relevant for users with party operating in EUR

Account type only relevant for users with party operating in EUR 134

¹³⁵ Account type only relevant for users with party operating in EUR



counts ¹³⁶, Transit Accounts, T2S DCAs and TIPS Accounts belonging to the community of a central bank user in a single currency. It is only available when using the privilege 'CLM_QueryLiqonCBLev' [case 1] or

I Aggregated liquidity information related to all MCAs, RTGS DCAs, sub-accounts, AS Technical Accounts, AS Guarantee Accounts, CB Accounts, CB ECB Accounts ¹³⁷, ECB Mirror Accounts ¹³⁸, Marginal Lending Accounts ¹³⁹, Overnight Deposit Accounts ¹⁴⁰, Transit Accounts, T2S DCAs and TIPS Accounts present in CLM, RTGS, T2S and TIPS (system wide) related to a single currency. It is only available for central bank users when using the privilege 'CLM_QueryMonCriSit' (should be granted to Crisis Managers) and when the system parameter 'Crisis Situation' was activated (set to 'Yes' by the Operator) [case 2].

This screen is only available for operators and central bank users.

Screen Access This screen can be reached in the following way:

L

- Monitoring >> Liquidity on CB Level Display Screen
- Privileges To use this screen and depending on the specific use case one of the following privileges is needed:
 - I CLM_QueryLiqonCBLev
 - I CLM_QueryMonCriSit
- **References** This screen is part of the following use case:
 - I <u>Display aggregated liquidity</u> [▶ 536]

- 136 Account type only relevant for users with party operating in EUR
- 137 Account type only relevant for users with party operating in EUR
- 138 Account type only relevant for users with party operating in EUR
- 139 Account type only relevant for users with party operating in EUR
- 140 Account type only relevant for users with party operating in EUR



Monitoring

Screenshot

Display Liquidity on CB Level			? 🌣 🖒
Reads			Last Refresh 2021-10-25 15:1533 CEST Refresh
		Total Liquidity	
Liquidity Information CLM		Available Liquidity in CLM	12,666,718,462,358,038,00 EUR
- Cli Accounts Information		Liquidity in RIGS	62,109,559,517.72 #UR
		Liquidity in TIPS	0.00 EUR
Connent Balance Queued Debit Cash Transfer Orders	7,392,195.40 EUR 109.107.91 EUR	Liquidity in T25	0.00 EUR
Entranied Debit Cesh Transfer Orders	60075017.85 EUR	Liquidity Overall	12,666,827,357,788,231,73 EUR
Earmaniad Gredit Cash Transfer Dides	1407.00 EUR	Current Balances Overall	12,666,116,489,635,331,38 EUR
Sum of Projected Liquidity	-52,733,337,36 Ruik		
_			
- CB ECB Accounts Information			
- ECE Mirror Accounts Information			
Marginal Lending Accounts Information			
Current Balance	17,821,343,954.96 EUR		
- CUILINC/s Information			
Sum of Current Balances	12,666,718,588,362,740.00 EUR		
Sum of Credit Lines	12,667 538,349,952,834,00 EUR		
Sum of Seloure of Funds	124,012,701,90 EUR		
Sum of Available Liquidity	12,666,718,462,350,038.00 EUR		
Queued Debit Cash Transfer Onliers	104,014,013,86 EUR		
Queued Credit Cash Transfer Orders	210.232.229.48 ELR		
Exmarked Cebb Cebh Transfer Orders	294,172,704.88 EUR		
Earmaniad Gredit Cash Transfer Orders	138.558.759.70 ELR		
Sum of Projected Liquidity	12,666,716,862,355,518,00 EUR		
Ownight Deposit Accounts Information			
Correct Estance	21.681.496.988.00 EUR		
	21.00 (491.961.00 EUK		
- CLM Transit Accounts Information			
Current Balance	7,188,159,737.59 EUR		
Queued Debit Cash Transfer Dides	-97.00 EUR		
Queued Orefit Cash Transfer Orders	4,000,070,00 ELR		
Earnariad Gredit Cash Transfer Orders	139.005.445.44 BLR		
Liquidity Information RT05			
 ETIGS DCAs Information 			
Sum of Carrent Balances	58.798.133.892.44 E/R		
Sum or carrent balances	54.794.133.892.44 EUK		

Figure 180 - Liquidity on CB Level – Display Screen – part 1

🛛 💼 Display Liquidity on CB Level	
Queued Debit Cash Transfer Didens	-2,457,110,874.06 ELM
Queued Gedit Cash Transfer Orders	-16.483.546.698.36 ELR
Earmaniad Debit Cash Transfer Orders	17,076,926,460,29 BLR.
Earmaniad Oradit Cash Transfer Orders	22.212.990.245.05 ELR
Sum of Projected Liquidity	38,458,882,831.32 EUR
- Guarantee Funds Accounts Information	
Sum of Content Balances	11.513.589.40 EUR
Samariad Debit Cash Transfer Orders	2006/00 EUR
Earmanised Credit Cash Transfer Orders	2012.00 EUR
Sum of Projected Uquidity	13,509,571,80 FUR
	13.542.571.07 808
Sub-Accounts Information	
Sum of Current Balances	3,319,412,035.48 EUR
Queued Debit Cash Transfer Orders	2.040.006.00 EUR
Queued Dedit Cash Transfer Disters	38,900,012,00 EUR
Earmanied Debit Cash Transfer Orders	12,767,620,000.00 EUR
Earmarked Oredit Cash Transfer Diders	12,756,040,000.00 BLR
Sum of Projected Liquidity	-22,246,187,562,52 EUR
Technical Accounts Information	
Sum of Current Balances	\$1,000,000.00 EUR
Queued Debit Cash Transfer Orders	-2.000.000.000.00 ELR
Queued Credit Cash Transfer Orders	-2,000,300,000 ELM
Earmaniad Debit Cash Transfer Orders	250.572.402.72 ELR
Samariad Credit Cash Transfer Orders	15.800.012.00 EUR
Sum of Projected Liquidity	3,785,124,585,28 EUR
ETOS Travel Accounts Information	
Sum of Current Balances	7,500,000.00 EUR
Queued Credit Cash Transfer Orders	241.06 EUR
Earmanhead Debit: Cash Transfer Orders	4.000.000.00 ELR
Liquidity Information T25	
- T25 DOs Information	
T25 Transit Accounts Information	
Liquidity Information TIPS	
- TIPS Accounts Information	
TIPS Transit Accounts Information	



	Earmarked Debit Cash Transfer Orders	12,760,420,000,00 EUR
	Earmarked Credit Cash Transfer Orders	12.754.040.000.00 EUR
	Sum of Projected Liquidity	-22.231.497.161.92 EUR
- 1	Technical Accounts Information	
	Sum of Current Balances	66,000.000.00 EUR
	Queued Debit Cash Transfer Orders	-2.000.000.000.00 EUR
	Queued Credit Cash Transfer Orders	-2,000,300,000.00 BUR
	Earmanited Debit Cash Transfer Orders	250,372,402.72 EUR
	Earmarked Gredit Cash Transfer Orders	11.002.612.00 EUR
	Sum of Projected Liquidity	3.804,924,585.28 EUR
	RT65 Transit Accounts Information	
	Sum of Current Balances	15,000,000.00 EUR
	Sum of Current Balances Queued Credit Gab Transfer Orders	15,000,000.00 EUR 241.06 EUR
Liquidit		
_	Queued Credit Cash Transfer Orden	
	Queued Credit Cash Transfer Orden By Information 125	
- 1	Queued Credit Cash Transfer Dolars Ity Information 175 175 DOA: Information	
- T Gquidt	Ouward Craft Dan't Yannike Orden Ny Information 725 725 O'Che Information 725 Yanii Accessels Information	



FieldNote: The fields on this screen show liquidity information for all cash accounts belongingDescriptionsto the community of the respective CB [case 1]. In case of a crisis situation, they show
the system wide liquidity [case 2]. As case 1 is the normal case, the following field
descriptions refer only to the cash accounts maintained by the respective CB.



LIQUIDITY ON CB LEVEL – DISI	PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM
CLM MCAs Information	This divider shows liquidity information for all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	If the divider is closed, the total sum of the field 'Sum of Available Liquidity' is shown on the right on top of the divider.
Sum of Current Balances	This row shows the sum of balances for all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Credit Lines	This row shows the sum of credit lines for all default CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Seizure of Funds	This row shows sum of seizure of funds for all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Available Liquidity	This row shows the sum of available liquidity for all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	It consists of 'Sum of Current Balances' including the 'Sum of Credit Lines' reduced by 'Sum of Seizure of Funds'.
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued in CLM for settlement related to all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued in CLM for settlement related to all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are earmarked in CLM related to all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are earmarked in CLM related to all CLM MCAs maintained by the respective CB (case 1) or system wide within the same

IQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM



maintained by the respective CB (case 1) or system w within the same currency (case 2).It consists of 'Sum of Available Liquidity' including th 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Cash Transfer Orders' reduced by 'Aggregated Amount of Queu Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Queu Debit Cash Transfer Orders'. Note: The projected liquidity is only a non-binding forecast it includes instructed but not yet debited/credited cash trans orders of the future.CB Accounts InformationThis divider shows the liquidity information for all CLM of Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).Current BalanceThis row shows the sum of balances for all CLM CB Account maintained by the respective CB (case 1) or system w within the same currency (case 2).Queued Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB (case 1) or system wide within the same currency (case 2).Queued Credit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all debi	LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
maintained by the respective CB (case 1) or system w within the same currency (case 2).It consists of 'Sum of Available Liquidity' including th 'Aggregated Amount of Queued Credit Cash Transfer Order' including the 'Aggregated Amount of Earmarked Credit Cast Transfer Orders' reduced by 'Aggregated Amount of Queu Debit Cash Transfer Orders'. Note: The projected liquidity is only a non-binding forecast it includes instructed but not yet debited/credited cash trans orders of the future.CB Accounts InformationThis divider shows the liquidity information for all CLM of Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).Current BalanceThis row shows the sum of balances for all CLM CB Account maintained by the respective CB (case 1) or system w within the same currency (case 2).Queued Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB (case 1) or system wide within the same currency (case 2).Queued Credit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders that are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders that are queued for settlement on CLM CB Acc		currency (case 2).
'Aggregated Amount of Queued Credit Cash Transfer Order including the 'Aggregated Amount of Earmarked Credit Cas Transfer Orders' reduced by 'Aggregated Amount of Queu Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Queu Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Orders'. Note: The projected liquidity is only a non-binding forecast it includes instructed but not yet debited/credited cash trans orders of the future.CB Accounts InformationThis divider shows the liquidity information for all CLM of Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).Current BalanceThis row shows the sum of balances for all CLM CB Accound maintained by the respective CB (case 1) or system within the same currency (case 2).Queued Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB (case 1) or system wide within the same currency (case 2).Queued Credit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash TransferThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash TransferThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transf	Sum of Projected Liquidity	This row shows the projected liquidity related to all CLM MCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
it includes instructed but not yet debited/credited cash trans orders of the future.CB Accounts InformationThis divider shows the liquidity information for all CLM of Accounts maintained by the respective CB (case 1) or syste wide within the same currency (case 2).Current BalanceThis row shows the sum of balances for all CLM CB Accou maintained by the respective CB (case 1) or system wide within the same currency (case 2).Queued Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB (case 1) or system wide within the same currency (case 2).Queued Credit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all credit cash transfer orders the are queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders the are in status earmarked on CLM CB Accounts maintained the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders the are in status earmarked on CLM CB Accounts maintained the respective CB (case 1) or system wide within the same currency (case 2).		It consists of 'Sum of Available Liquidity' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Cash Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Debit Cash Transfer Orders'.
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Ordersare queued for settlement on CLM CB Accounts maintain by the respective CB.Earmarked Debit Cash Transfer OrdersThis row shows the sum of all debit cash transfer orders the are in status earmarked on CLM CB Accounts maintained the respective CB (case 1) or system wide within the sati currency (case 2).		This row shows the sum of all debit cash transfer orders that are queued for settlement on CLM CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Orders are in status earmarked on CLM CB Accounts maintained the respective CB (case 1) or system wide within the sat currency (case 2).		are queued for settlement on CLM CB Accounts maintained
Earmarked Credit Cash Transfer This row shows the sum of all credit cash transfer orders the		This row shows the sum of all debit cash transfer orders that are in status earmarked on CLM CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
		This row shows the sum of all credit cash transfer orders that are in status earmarked on CLM CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).



LIQUIDITY ON CB LEVEL – DISF	PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for CLM CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
CB ECB Accounts ¹⁴¹ Information	This divider shows the liquidity information for all CB ECB Accounts maintained by the respective CB.
Current Balance	This row shows the sum of balances for all CB ECB Accounts ¹⁴² maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on CB ECB Accounts ¹⁴³ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on CB ECB Accounts ¹⁴⁴ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on CB ECB Accounts ¹⁴⁵ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on CB ECB Accounts ¹⁴⁶ maintained

141 Account type only relevant for users with party operating in EUR

- 142 Account type only relevant for users with party operating in EUR
- 143 Account type only relevant for users with party operating in EUR
- 144 Account type only relevant for users with party operating in EUR
- 145 Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
	by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for CB ECB Accounts ¹⁴⁷ maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
ECB Mirror Accounts ¹⁴⁸ Information	This divider shows the liquidity information for all ECB Mirror Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Current Balance	This row shows the sum of balances for all ECB Mirror Accounts ¹⁴⁹ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on ECB Mirror Accounts ¹⁵⁰ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on ECB Mirror Accounts ¹⁵¹ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on ECB Mirror Accounts ¹⁵²

¹⁴⁶ Account type only relevant for users with party operating in EUR

- 148 Account type only relevant for users with party operating in EUR
- 149 Account type only relevant for users with party operating in EUR
- 150 Account type only relevant for users with party operating in EUR
- 151 Account type only relevant for users with party operating in EUR

¹⁴⁷ Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
	maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on ECB Mirror Accounts ¹⁵³ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for ECB Mirror Accounts ¹⁵⁴ maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
Marginal Lending Accounts ¹⁵⁵ Information	This divider shows the liquidity information for all Marginal Lending Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Current Balance	This row shows the sum of balances for all Marginal Lending Accounts ¹⁵⁶ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on Marginal Lending Accounts ¹⁵⁷ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on Marginal Lending Accounts ¹⁵⁸

- 152 Account type only relevant for users with party operating in EUR
- 153 Account type only relevant for users with party operating in EUR
- 154 Account type only relevant for users with party operating in EUR
- 155 Account type only relevant for users with party operating in EUR
- 156 Account type only relevant for users with party operating in EUR
- 157 Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
	maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on Marginal Lending Accounts ¹⁵⁹ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on Marginal Lending Accounts ¹⁶⁰ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for Marginal Lending Accounts ¹⁶¹ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
Overnight Deposit Accounts ¹⁶² Information	This divider shows the liquidity information for all Overnight Deposit Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Current Balance	This row shows the sum of balances for all Overnight Deposit Accounts ¹⁶³ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer	This row shows the sum of all debit cash transfer orders that

¹⁵⁸ Account type only relevant for users with party operating in EUR

- 160 Account type only relevant for users with party operating in EUR
- 161 Account type only relevant for users with party operating in EUR
- 162 Account type only relevant for users with party operating in EUR
- 163 Account type only relevant for users with party operating in EUR

¹⁵⁹ Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL - DISI	PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM
Orders	are queued for settlement on Overnight Deposit Accounts ¹⁶⁴ maintained by the respective CB.
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on Overnight Deposit Accounts ¹⁶⁵ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on Overnight Deposit Accounts ¹⁶⁶ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on Overnight Deposit Accounts ¹⁶⁷ maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for Overnight Deposit Accounts ¹⁶⁸ maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
CLM Transit Account Information	This divider shows the liquidity information for all CLM transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Current Balance	This row shows the sum of balances for all CLM transit

164 Account type only relevant for users with party operating in EUR

- 165 Account type only relevant for users with party operating in EUR
- 166 Account type only relevant for users with party operating in EUR
- 167 Account type only relevant for users with party operating in EUR
- 168 Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION CLM	
	accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on CLM transit accounts maintained by the respective CB.
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on CLM transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on CLM transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on CLM transit accounts maintained by the respective CB.
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for CLM transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.

Table 263 - Liquidity on CB Level – Display Screen – Results – Liquidity Information CLM

LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
RTGS DCAs Information	This divider shows liquidity information for all RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Current Balances	This row shows the sum of balances for all RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
Sub Account Information	This divider shows the liquidity information for all sub-accounts related to RTGS DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within the data scope of the user.
Sum of Current Balances	This row shows the sum of balances for all sub-accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
	the data scope of the user.
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on sub-accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within the data scope of the user.
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on sub-accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within the data scope of the user.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on sub-accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within the data scope of the user.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on sub-accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are sub-accounts within the data scope of the user.
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for sub- accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
	This entry is only visible when there are sub-accounts within the data scope of the user.
Guarantee Funds Account Information	This divider shows the liquidity information for all guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Sum of Current Balances	This row shows the sum of balances for all guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Queued Credit Cash Transfer Orders	This field shows the sum of all credit cash transfer orders that are queued for settlement on guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
	This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for guarantee funds accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'. This entry is only visible when there are guarantee funds accounts within the data scope of the user.
Technical Account Information	This divider shows the liquidity information for all AS technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are AS technical accounts within the data scope of the user.
Sum of Current Balances	This row shows the sum of balances for all AS technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are AS technical accounts within the data scope of the user.
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on AS technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on AS technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on AS technical accounts maintained by the respective CB (case 1) or system wide within the same



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS		
	currency (case 2).	
	This entry is only visible when there are AS technical accounts within the data scope of the user.	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on AS technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
	This entry is only visible when there are AS technical accounts within the data scope of the user.	
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for technical accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the	
	'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.	
	This entry is only visible when there are guarantee funds accounts within the data scope of the user.	
CB Accounts Information	This divider shows the liquidity information for all RTGS CB accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
Sum of Current Balances	This row shows the sum of balances for all RTGS CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on RTGS CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on RTGS CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION RTGS	
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on RTGS CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on RTGS CB Accounts maintained by the respective CB.
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for RTGS CB Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.
RTGS Transit Account Information	This divider shows the liquidity information for all RTGS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This divider is only visible for: I Operator I CB (as TAH)
Sum of Current Balances	This row shows the sum of balances for all RTGS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are queued for settlement on RTGS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Queued Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are queued for settlement on RTGS transit accounts maintained by the respective CB.



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION		
RTGS		
Earmarked Debit Cash Transfer Orders	This row shows the sum of all debit cash transfer orders that are in status earmarked on RTGS Transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
Earmarked Credit Cash Transfer Orders	This row shows the sum of all credit cash transfer orders that are in status earmarked on RTGS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).	
Sum of Projected Liquidity	This row shows the total amount of projected liquidity for RTGS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Sum of Current Balances' including the 'Aggregated Amount of Queued Credit Cash Transfer Orders' including the 'Aggregated Amount of Earmarked Credit Transfer Orders' reduced by 'Aggregated Amount of Queued Debit Cash Transfer Orders' reduced by 'Aggregated Amount of Earmarked Credit Transfer Orders'.	

Table 264 - Liquidity on CB Level – Display Screen – Results – Liquidity Information RTGS

LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION TIPS		
TIPS Accounts Information	This divider shows liquidity information for all TIPS Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). If the divider is closed, the amount of the field 'Sum of Current Balances' is shown on the right on top of the divider. This entry is only visible when there are TIPS Accounts within	
Sum of Current Balances	the data scope of the user. This row shows the sum of balances for all TIPS Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are TIPS Accounts within the data scope of the user. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.	



LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION TIPS	
TIPS AS Technical Accounts Information	This divider shows liquidity information for all TIPS AS Technical Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). If the divider is closed, the amount of the field 'Sum of Current Balances' is shown on the right on top of the divider.
	This entry is only visible when there are TIPS AS Technical Accounts within the data scope of the user.
Sum of Current Balances	This row shows the sum of balances for all TIPS AS Technical Accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	This entry is only visible when there are TIPS AS Technical Accounts within the data scope of the user. When the liquidity information query for at least one account located in TIPS fails, the value 'Not available' is shown.
TIPS Transit Account Information	This divider shows liquidity information for all TIPS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	If the divider is closed, the amount of the field 'Sum of Current Balances' is shown on the right on top of the divider.
	This divider is only visible for:
	I Operator I CB (as TAH)
Sum of Current Balances	This row shows the sum of balances for all TIPS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.

Table 265 - Liquidity on CB Level – Display Screen – Results – Liquidity Information TIPS

LIQUIDITY ON CB LEVEL – DISPLAY SCREEN – RESULTS – LIQUIDITY INFORMATION T2S		
T2S DCAs Information	This divider shows liquidity information for all T2S DCAs	
	maintained by the respective CB (case 1) or system wide	
	within the same currency (case 2).	

If the divider is closed, the amount of the field 'Sum of Current



LIQUIDITY ON CB LEVEL – DIS	PLAY SCREEN – RESULTS – LIQUIDITY INFORMATION T2S
	Balances' is shown on the right on top of the divider.
	This entry is only visible when there are T2S DCAs within the data scope of the user.
Sum of Current Balances	This row shows the sum of balances for all T2S DCAs maintained by the respective CB (case 1) or system wide within the same currency (case 2). This entry is only visible when there are T2S DCAs within the
	data scope of the user.
	When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.
T2S Transit Account Information	This divider shows liquidity information for all T2S transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	If the divider is closed, the amount of the field 'Sum of Current Balances' is shown on the right on top of the divider.
	This divider is only visible for:
	I OperatorI CB (as TAH)
Sum of Current Balances	This row shows the sum of balances for all T2S transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.

Table 266 - Liquidity on CB Level – Display Screen – Results – Liquidity Information T2S

LIQUIDITY ON CB LEVEL	– DISPLAY SCREEN – RESULTS – TOTAL LIQUIDITY
Available Liquidity in CLM	This row shows the total liquidity position related to the CLM cash accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2).
	The following account types are excluded from the calculation of the aggregated liquidity position: CB Account, CB ECB Account ¹⁶⁹ , ECB Mirror Account ¹⁷⁰ and CLM Technical Account for ECONS II.



LIQUIDITY ON CB LEVEL	- DISPLAY SCREEN - RESULTS - TOTAL LIQUIDITY
	It contains the same value as the field 'Sum of Available Liquidity'.
Liquidity in RTGS	This row shows the total liquidity position related to accounts in RTGS maintained by the respective CB (case 1) or system wide within the same currency (case 2).
Liquidity in TIPS	This row shows the total liquidity position related to TIPS Accounts, TIPS AS Technical Accounts and TIPS transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.

¹⁶⁹ Account type only relevant for users with party operating in EUR

¹⁷⁰ Account type only relevant for users with party operating in EUR



LIQUIDITY ON CB LEVEL	– DISPLAY SCREEN – RESULTS – TOTAL LIQUIDITY
Liquidity in T2S	This row shows the total liquidity position related to T2S DCAs and T2S transit accounts maintained by the respective CB (case 1) or system wide within the same currency (case 2). When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.
Liquidity Overall	This row shows the total liquidity position related to accounts in CLM, RTGS, T2S and TIPS maintained by the respective CB (case 1) or system wide within the same currency (case 2). It contains the sum of the fields 'Available Liquidity in CLM', 'Liquidity in RTGS', 'Liquidity in TIPS' and 'Liquidity in T2S'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Current Balances Overall	This row shows the total balance related to accounts in CLM, RTGS, T2S and TIPS maintained by the respective CB (case 1) or system wide within the same currency (case 2). It consists of 'Available Liquidity Overall' reduced by 'Sum of Credit Lines' including the 'Sum of Seizure of Funds'. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.

Table 267 - Liquidity on CB Level – Display Screen – Results – Total Liquidity

5.8.2 Cash Transfer Order Totals by Party – Query Screen

Context ofThis screen offers the possibility to query the volumes and summarized amounts for all
payments and liquidity transfers related to one party. It is also possible to query data for
all participants belonging to the community of the central bank user.

The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in descending order.

The numbers and summarized amounts for all cash transfers matching the data of the search fields are shown in the <u>Cash Transfer Order Totals by Party – List Screen</u> [▶ 440].

This screen is only available for operators and central bank users.

Screen Access This screen can be reached in the following way:



	I Monitoring >> Cash Transfer Order Totals by Party – Query Screen
Privileges	To use this screen the following privilege is needed:
	I CLM_QuerySumCashTrans
References	This screen is part of the following use case:
	I <u>Sum of cash transfer per account holder</u> [▶ 531]



Screenshot

Search Cities	General Ray BC No fiber selected Automatic Calegory Cal fibrarisected Cale fibrarisected Ca	General Party Bit In the first refered Quart Travief Statula Cash Travief Statula	м	Query Cash Transfer	Order Totals by Party		☆	٠
General Path Bit In this selected Q Cash Turkef Zota. Cash Turkef Zota. No This selected At	General Ray BC No fiber selected Automatic Calegory Cal fibrarisected Cale fibrarisected Ca	General Party Bit In the first refered Quart Travief Statula Cash Travief Statula	A					
Pare 90: Image: Standard interview of the salesched interview of the sal	Party BC Call In the first selected Call Cash Turnfer Status Cash Turnfer Status In the first selected A2	Party BC Call Environment of Call Call Call Call Call Call Call Cal	A					
In the fiber selected Q Cash Therefore Status Cash Therefore Cregory In the fiber selected A1	In the selected Cash Tander Staus Cash Tander Staus Cash Tander Category No fitter selected At	In the released Cash Transfer Category Cash Transfer Category No fitter selected At The fitter selected At	A					
Caih Tarder Stald Caih Tarder Calgory Caih Tarder Calgory Caih Tarder Calgory Caih Tarder Calgory At	Caih Trandre Statul Caih Trandre Catagory No fitter selected AI Information AI Information AI	Cash Transfer Statul Cash Transfer Category In the filter selected AL In the filter selected AL	А	No filter selected	Q			
Vo fiter selected AT	ho fiter selected AT ho fiter selected AT	No filter selected AE	A					
				No filter selected	AI No filter selected	IA		
Output Parameters	Output Parameters	+ Output Parameters						
				+ Output Parameters				
11 264								

CASH TRANSFER ORDER TOTALS BY PARTY - QUERY SCREEN - GENERAL



Field Descriptions

Party BIC	This field offers the possibility to restrict the result list to aggregated cash transfer information related to one or more specific party BIC(s).
	The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [▶ 354] as a pop-up.
	The user can also leave this field empty in order to display aggregated cash transfer information related to all parties belonging to the community.
	Required format: 8 or 11 characters
Cash Transfer Status	This field offers the possibility to restrict the result list to aggregated cash transfer information related to specific cash transfer status.
	Select one or more of the following values:
	I <u>Earmarked</u>
	I Partially Settled
	I <u>Queued</u>
	I <u>Rejected</u>
	I <u>Revoked</u>
	I <u>Settled</u>
	I <u>Warehoused</u>
	Default value: 'No filter selected' (CR-143)



CASH TRANSFER ORDE	R TOTALS BY PARTY – QUERY SCREEN – GENERAL
Cash Transfer Category	This field offers the possibility to restrict the result list to a specific cash transfer category.
	Select one or more of the following values:
	I AMLR AML - Reimbursement Conn. Paym. ¹⁷¹
	I AMLS AML - Setting Up Conn. Paym. ¹⁷² {CR-143}
	I BILI Billing – Invoice
	I BLKD CB Direct Debit Related To Seizure Of Funds
	I CCBT EOD Settlement On CB ECB Accounts ¹⁷³ {CR- 143}
	I CONP Connected Payment
	I IACP Interest Payment 174
	I LAUT Automated LT
	I LCCA EOD LT Due To Closing Of Account
	I LCCS Balances From Contingency Service
	I LIIA Immediate LT - Intra-Service
	I LIIE Immediate LT - Inter-Service
	I LIPU Immediate LT - Inter-Service Pull
	I LRCB Rule-Based LT - Ceiling Breach
	I LRFB Rule-Based LT - Floor Breach
	I LRQP Rule-Based LT - Queued RTGS Cash Transfer
	I LSIA Standing Order LT - Intra-Service
	I LSIE Standing Order LT - Inter-Service
	 MCBT EOD Settlement On ECB Mirror Accounts ¹⁷⁵ {CR- 143}
	I MLIN ML Interest ¹⁷⁶ {CR-143}

- 172 Account type only relevant for users with party operating in EUR{CR-143}
- Account type only relevant for users with party operating in EUR{CR-143} 173
- 174 Account type only relevant for users with party operating in EUR
- Account type only relevant for users with party operating in EUR{CR-143} 175
- 176 Account type only relevant for users with party operating in EUR{CR-143}

Account type only relevant for users with party operating in EUR 171



CASH TRANSFER ORDE	R TOTALS BY PARTY – QUERY SCREEN – GENERAL
	I MLRR ML On Request - Reimbursement ¹⁷⁷ {CR-143}
	I MLRS ML On Request - Setting Up ¹⁷⁸ {CR-143}
	I MLRV ML On Request - Reverse ¹⁷⁹ {CR-143}
	I MRER Interest On Excess Reserve - Tier 2 ¹⁸⁰ {CR-143}
	I MREX Interest On Excess Reserve - Tier 1 ¹⁸¹ {CR-143}
	I MRIN Interest On Minimum Reserve ¹⁸² {CR-143}
	I MRPN Penalties ¹⁸³
	I OCBO Other CBOs
	I ODIN Overnight Deposit - Interest ¹⁸⁴ {CR-143}
	I ODRF Overnight Deposit - Refunding ¹⁸⁵ {CR-143}
	 I ODRV Overnight Deposit - Reverse Transaction ¹⁸⁶{CR- 143}
	I ODSU Overnight Deposit - Setting Up ¹⁸⁷ {CR-143}
	Default value: 'No filter selected'
Cash Transfer Status	This field offers the possibility to restrict the result list to aggregated cash transfer information related to specific cash transfer status.
	Select one or more of the following values:
	I Earmarked
	I Partially Settled

- 177 Account type only relevant for users with party operating in EUR{CR-143}
- 178 Account type only relevant for users with party operating in EUR{CR-143}
- 179 Account type only relevant for users with party operating in EUR{CR-143}
- 180 Account type only relevant for users with party operating in EUR{CR-143}
- 181 Account type only relevant for users with party operating in EUR{CR-143}
- 182 Account type only relevant for users with party operating in EUR{CR-143}
- 183 Account type only relevant for users with party operating in EUR
- 184 Account type only relevant for users with party operating in EUR{CR-143}
- 185 Account type only relevant for users with party operating in EUR{CR-143}
- 186 Account type only relevant for users with party operating in EUR{CR-143}
- 187 Account type only relevant for users with party operating in EUR{CR-143}



CASH TRANSFER ORDE	R TOTALS BY PARTY – QUERY SCREEN – GENERAL
	I Queued
	I Rejected
	I Revoked
	I Settled
	I Warehoused
	Default value: 'No filter selected'

Table 268 - Cash Transfer Order Totals by Party – Query Screen – General

CASH TRANSFER ORDER TOT	ALS BY PARTY – QUERY SCREEN – OUTPUT PARAMETERS
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible value: I Party BIC
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending Default value: 'Descending'

Table 269 - Cash Transfer Order Totals by Party – Query Screen – Output Parameters

Buttons

CASH TRANSFER ORDE	R TOTALS BY PARTY – QUERY SCREEN – BUTTONS
Submit	The user can click on this button to query all aggregated cash transfer information matching the entered criteria. The result list will be displayed in the <u>Cash Transfer Totals by</u> Party – List Screen [▶ 440].
Reset	The user can click on this button to reset all fields to their default values.

Table 270 - Cash Transfer Order Totals by Party – Query Screen – Buttons

5.8.3 Cash Transfer Order Totals by Party - List Screen



Context of Usage	This screen lists t defined set of crite	he numbers and superia.	mmarized amo	ounts for all cash tra	nsfers meeting a
	These criteria wer [▶ 435].	re defined on the <u>Ca</u>	ash Transfer C	order Totals by Party	<u>y - Query Screen</u>
	cash transfers rel	ws the numbers an ated either to the e y BICs belonging to e).	ntered Party E	BIC(s), Cash Transfe	er Status or data
Screen Access	This screen can b	e reached in the follo	owing way:		
	I Monitoring >:	> Cash Transfer Ord	ler Totals by Pa	arty – Query Screen	>> [Submit]
Privileges	To use this screer	the following privile	ge is needed:		
	I CLM_QueryS	SumCashTrans			
References	This screen is par	t of the following use	e case:		
	I Sum of cash	transfer per account	<u>t holder</u> [▶ 531]	I	
Screenshot	List of Cash Transfer Ord Carry cash transfer Order totals by A Search Criteria	er Totals by Party any			☆ ? ≎ ଓ
	Results List of Cash Tansfer Order Totals by Party Party BIC Amount of Debits	in CLM Number of Debits in CLM	Amount of Credits in CLM	Number of Credits in CLM	Last Refresh: 2021-06-28 13:04:48 CEST Refresh
	DEUTDEFFXXX COBADEFFXXX	3,000,000,000.00 EUR 500,000,000.00 EUR	145	754,328,967.00 EUR 67,533,965.00 EUR	9076
	SOGEFRIPPIOX HYVEDEMINXXX	1,500,000,000.00 EUR 800,000,000.00 EUR 5 800 000 000.00 EUR	34516 76793 114117	25,541.00 EUR 06,445.00 EUR 821,954,859.00 EUR	8975 12340 39754
	≪ < 1 > 39 Results 1 to 4 of 4				ь
	Figure 184 - Cash 1	Transfer Order Totals	s by Party – List	Screen	
Field	Note: For the de	scription of the attr	ibutes and the	eir respective value	s in the 'Search
Descriptions	Criteria' section se	ee chapter <u>Cash Tra</u>	<u>nsfer Totals by</u>	Party – Query Scre	<u>en</u> [▶ 435].
	CASH TRANSFER	ORDER TOTALS BY	PARTY – LIST		S – LIST OF CASH

TRAN	SFER ORDER TOTALS BY PARTY
Party BIC	This column shows the party BIC related to the queried aggregated cash transfer information. This field is pre-filled with the selected party BIC or all party BICs belonging to the community of the CB user. Additionally, this column reveals the party short name via mouse-over function.
Amount of Debits in CLM	This column shows the total amount of debited cash transfers related to the given party. It contains a sum of the amount of debits of all listed cash transfer orders at the bottom of the column.



CASH TRANSFER ORDER TOTALS BY PARTY – LIST SCREEN – RESULTS – LIST OF CASH			
TRANSFER ORDER TOTALS BY PARTY			
Number of Debits in CLM	This column shows the total number of debited cash transfers related to the given party. It contains a sum of the number of debits of all listed cash transfer orders of at the bottom of the column.		
Amount of Credits in CLM	This column shows the total amount of credited cash transfers related to the given party. It contains a sum of the amount of credits of all listed cash transfer orders at the bottom of the column.		
Number of Credits in CLM	This column shows the total number of credited cash transfers related to the given party. It contains a sum of the number of credits of all listed cash transfer orders at the bottom of the column.		

Table 271 - Cash Transfer Order Totals by Party – List Screen

Context Menu		ALS BY PARTY – LIST SCREEN – RESULTS – LIST OF CASH DER TOTALS BY PARTY – CONTEXT MENU
	Display List of Cash Transfer Order Totals by Account	This context menu redirects the user to the <u>Cash Transfer</u> Order Totals by Account – List Screen [▶ 442]. Required privilege: CLM_QuerySumCashTrans
	Display Cash Transfer Order Debits	This context menu redirects the user to the <u>Cash Transfers –</u> List Screen [> 94] while transmitting the following value: I Debits Required privilege: CLM_QueryCashTrans
	Display Cash Transfer Order Credits	This context menu redirects the user to the <u>Cash Transfers</u> – <u>List Screen</u> [▶ 94] while transmitting the following value: I Credits Required privilege: CLM_QueryCashTrans

Table 272 - Cash Transfer Order Totals by Party – List Screen – Context Menu

5.8.4 Cash Transfer Order Totals by Account – List Screen

Context ofThis screen lists all numbers and summarized amounts for all cash transfers related to aUsageparty BIC but explicitly showing it for each account belonging to this party.

tanget | T2

This screen is only available via context menu on the <u>Cash Transfer Order Total by Party</u> <u>– List Screen</u> [▶ 440]. By clicking on a party and selecting the context menu entry 'List of Cash Transfer Totals by Account', a central bank user can see all data related to accounts belonging to the selected party BIC.

Screen Access This screen can be reached in the following way:

I Monitoring >> Cash Transfer Order Totals per Party – List Screen >> Context menu entry 'Display List of Cash Transfer Order Totals per Account'

Privileges To use this screen the following privilege is needed:

I CLM_QuerySumCashTrans

References This screen is part of the following use case:

I <u>Sum of cash transfer per account holder</u> [▶ 531]

Screenshot

-	Results					Last Refresh: 202	3-06-06 13:48:5	:50 CEST
	Selected line from List of Cash Transfer Order Totals by	Party						
	Party BIC	Amount of Debits in CLM	Number of Debits in CLM	Amount of Credits in CLM		Number of Credits in CLM		
								-
	PBAAGRATICICK	0.00 EU	a (0 4	42,600.000.00 EUR			
		0.00 EU	Number of Debits in CLM	Amount of Credits in CLM		Number of Credits in CLM	_	_
-	List of Cash Transfer Order Totals by Account		Number of Debits in CLM	Amount of Credits in CLM		Number of Credits in CLM		

Figure 185 - Cash Transfer Order Totals by Account – List Screen

FieldNote: For the description of the attributes and their respective values in the 'Selected LineDescriptionsfrom List of Cash Transfer Totals per Party' section see chapter Cash Transfer Totals by
Party – List Screen [▶ 440].

	TALS BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF
Account Number	This column shows the account number related to the
	selected party BIC.
Amount of Debits in CLM	This column shows the total amount of debited cash transfers

related to the given account. It contains a sum of the amount of debits of all listed cash

transfer orders at the bottom of the column.



CASH TRANSPER ORDER TOTALS BY ACCOUNT - LIST SCREEN - RESULTS - LIST OF			
CASH TRANSFER ORDERS PER ACCOUNT			
Number of Debits in CLM	This column shows the total number of debited cash transfers related to the given account. It contains a sum of the number of debits of all listed cash transfer orders at the bottom of the column.		
Amount of Credits in CLM	This column shows the total amount of credited cash transfers related to the given account. It contains a sum of the amount of credits of all listed cash transfer orders at the bottom of the column.		
Number of Credits in CLM	This column shows the total number of credited cash transfers related to the given account. It contains a sum of the number of credits of all listed cash transfer orders at the bottom of the column.		

CASH TRANSFER ORDER TOTALS BY ACCOUNT - LIST SCREEN - RESULTS - LIST OF

Table 273 - Cash Transfer Order Totals by Account – List Screen

5.8.5 Cash Transfer Order Totals by Status – List Screen

Context of This screen lists aggregated information for all cash transfer orders of the current Usage business day related to participants belonging to the banking community of the central bank user. The result list shows the number, amount and percentage of cash transfer orders in relation to their cash transfer status. Additionally, it is grouped by credits and debits on the participant accounts. **Screen Access** This screen can be reached in the following way: I Monitoring >> Cash Transfer Order Totals by Status – List Screen Privileges To use this screen the following privilege is needed: CLM_QueryOverviewCashTrans References This screen is part of the following use case: Status overview for cash transfers [> 535] L



Screenshot

List of Cash Transfer Order Totals by Status	Status				☆	?	۰	
esuits				Last Refr	esh: 2021-0	6-28 13:04:43	CEST Re	efre
redits								
Cash Transfer Status	Amount	Percentage of value	Number	Percentage of volume				
lettled Cash Transfer Orders	1,457,581,530.24 EUR	65%	7722				619	16
Queued Cash Transfer Orders	44,848,662.47 EUR	2%	568				45	56
ejected Cash Transfer Orders	22,424,331.23 EUR	1%	321				39	96
evoked Cash Transfer Orders	22,424,331.23 EUR	1%	211				25	56
larehoused Cash Transfer Orders	313,940,637.28 EUR	14%	1254				109	56
	381.213.630.99 EUR	17%	2584				209	6
armarked Cash Transfer Orders	361,213,030.99 EOK	11%						
iamarked Cash Tisansfer Orders Total Credits «< c 1 > 30 Results 1 to 6 of 6	301,213,000,097 CUN 2,242,433,123,44 EUR	100%	12660				1009	8
otal Credits « c 1 > >> Results 1 to 6 of 6 abits		100%		Percentage of volume			1009	%
stal Credits c	2,242,433,123.44 EUR	100%	12660	Percentage of volume			619	
Held Credits K 1 > In Remarks 1 to 6 of 6 Ability axin Transfere Statuse Code Cash Transfere Oxfores	2,242,433,123.44 EUR Amsunt	100% Percentage of value 65%	12660 Number	Percentage of volume				N
Intel Create Internet to be a set of the se	2,242,433,122,44 UM Annuent 1,455,581,532,24 U/U	100% Percentage of value 65%	12660 Number 7722	Percentage of volume			619	%
Next Cents C C I I > 20 Results 1 to 6 of 6 who with South Southant with Could Provider Orders general Cosh Transfer Orders general Cosh Transfer Orders	2,342,413,123,44 U/R Annount 1,457,561,550,24 U/R 44,546,052,47 U/R	100% Purcentage of value 65% 2%	12660 Number 7722 568	Percentage of volume			613	% %
Iotal Credits	2,242,403,122,44 (UM Amount 1,447,541,552,24 (UM 44,546,652,47 (UM 2,244,431,32),04	100% Purcentage of value 65% 2%	12660 Number 7722 568 321	Percentage of volume			619 49 31	% %
ead Creats (C C C C C C C C C C C C C C C C C C C	2,242,433,122,44 UM Amsount 1,427,501,530,24 U/A 22,444,301,2 U/A 22,444,331,2 U/A 22,444,331,2 U/A	100% Percentage of value 6% 2% 1% 1% 1%	12660 Number 7722 568 321 211	Percentage of volume			611 45 31 25	56 56

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CREDITS

Figure 186 - Cash Transfer Order Totals by Status – List Screen

Field Descriptions

Cash Transfer Status	 This column shows rows with the following cash transfer status values: I Settled Cash Transfer Orders I Queued Cash Transfer Orders I Rejected Cash Transfer Orders I Revoked Cash Transfer Orders I Warehoused Cash Transfer Orders I Warehoused Cash Transfer Orders I Earmarked Cash Transfer Orders and with the value: I Credits
Amount	This column shows the amounts credited on participant accounts related to the specific cash transfer status.
	It contains a sum of the amounts of all listed cash transfer orders at the bottom of the column.



Percentage of value	This column shows the share of cash transfer orders credited on participant accounts and belonging to a specific cash transfer type in relation to all cash transfers in terms of amounts. It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.
Number	This column shows the number of cash transfer orders credited on participant accounts related to the specific cash transfer status. It contains a sum of the numbers of all listed cash transfer orders at the bottom of the column.
Percentage of volume	This column shows the share of cash transfer orders credited on participant accounts and belonging to a specific cash transfer type in relation to all cash transfers in terms of numbers. It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CREDITS

Table 274 - Cash Transfer Order Totals by Status – List Screen – Credits

CASH TRANSFER ORDER TO	DTALS BY STATUS – LIST SCREEN – RESULTS – DEBITS
Cash Transfer Status	This column shows rows with the following cash transfer status values: I Settled Cash Transfer Orders Queued Cash Transfer Orders
	 Rejected Cash Transfer Orders Revoked Cash Transfer Orders
	 Warehoused Cash Transfer Orders Earmarked Cash Transfer Orders
	and with the value:
Amount	This column shows the amounts of cash transfer orders debited on participant accounts related to the specific cash



CASH TRANSFER ORDER TO	DTALS BY STATUS – LIST SCREEN – RESULTS – DEBITS
	transfer status.
	It contains a sum of the amounts of all listed cash transfer orders at the bottom of the column.
Percentage of value	This column shows the share of cash transfer orders debited on participant accounts and belonging to a specific cash transfer type in relation to all cash transfers in terms of amounts.
	It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.
Number	This column shows the number of cash transfer orders debited on participant accounts related to the specific cash transfer status.
	It contains a sum of the numbers of all listed cash transfer orders at the bottom of the column.
Percentage of volume	This column shows the share of cash transfer orders debited on participant accounts and belonging to a specific cash transfer type in relation to all cash transfers in terms of numbers.
	It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.

Table 275 - Cash Transfer Order Totals by Status – List Screen – Debits

Context Menu

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CONTEXT					
MENU					
Display Cash Transfers	This context menu entry redirects the user to the <u>Cash</u> <u>Transfer – List Screen</u> [▶ 94] while transmitting the following values:				
	I Credits or Debits				
	I Cash Transfer Status				
	Required privilege: CLM_QueryCashTrans				
Display Cash Transfer Order Subtotals	This context menu entry redirects the user to the <u>Cash</u> <u>Transfer Order Subtotals by Status – List Screen</u> [* 448] while				



	CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CONTEXT MENU
	transmitting the following values:
	I Credits or Debits
	I Cash Transfer Status
	Required privilege: CLM_QueryOverviewCashTrans
	Table 276 - Cash Transfer Order Totals by Status – List Screen – Context Menu
	5.8.6 Cash Transfer Order Subtotals by Status – List Screen
Context of Usage	This screen lists aggregated information related to cash transfer orders meeting a defined set of criteria.
	These criteria were implicitly defined when opening this screen via context menu on the Cash Transfer Orders Totals by Status – List Screen [▶ 444].
	The result list shows amounts and numbers of cash transfer orders grouped by message type related to participants belonging to the banking community of the central bank user.
Screen Access	This screen can be reached in the following way:
	I Monitoring >> Cash Transfer Order Totals by Status – List Screen >> Context menu entry 'Display Cash Transfer Orders Subtotals'
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryOverviewCashTrans
References	This screen is part of the following use case:
	I <u>Status overview for cash transfers</u> [▶ 535]
Screenshot	Exist of Cash Transfer Order Subtolais by Status Let of Cash Transfer Order Subtolais by Status List of Cash Transfer Order Subtolais by Status
	Name Last Number Control Last Number Control Number
	Figure 187 - Cash Transfer Order Subtotals by Status – List Screen
Field	Note: The section 'Selected line from List of Cash Transfer Order Total by Status ' shows

Descriptions details of the previously selected cash transfer orders. For the description of the attributes and their respective values in this section see chapter <u>Cash Transfer Order Totals by</u> <u>Status – List Screen</u> [▶ 444].



TRANSFER ORDER SUBTOTALS INFORMATION				
Message Type	This column shows rows with the following message type values: I FinancialInstitutionCreditTransfer (pacs.009) I FinancialInstitutionDirectDebit (pacs.010) I LiquidityCreditTransfer (camt.050) It also shows a sum row for the value.			
Amount	This column shows the amounts related to the specific message type. It contains a sum of the amounts of all listed cash transfer orders at the bottom of the column.			
Percentage of value	This column shows the share of cash transfer orders belonging to a specific message type in relation to all cash transfers in terms of amounts. It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.			
Number	This column shows the number related to the specific message type. It contains a sum of the numbers of all listed cash transfer orders at the bottom of the column.			
Percentage of volume	This column shows the share of cash transfer orders belonging to a specific message type in relation to all cash transfers in terms of numbers. It contains a sum at the bottom of the column. Note: The sum of the individual entries in the percentage column could slightly differ from 100% due to rounding.			

CASH TRANSFER ORDER SUBTOTALS BY STATUS – LIST SCREEN – RESULTS – CASH TRANSFER ORDER SUBTOTALS INFORMATION

Table 277 - Cash Transfer Order Subtotals by Status – List Screen

5.8.7 Available Liquidity by Party – Query Screen

Context ofThis screen offers the possibility to query a list of liquidity relevant information related to aUsageparticipant. It is also possible to query data for all participants belonging to the community
of the user.



	The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.
	The list of liquidity relevant information matching the data of the search fields is shown in the <u>Available Liquidity by Party – List Screen</u> [▶ 452].
	This screen is only available for operators and central bank users.
Screen Access	This screen can be reached in the following way:
	I Monitoring >> Available Liquidity by Party
Privileges	To use this screen the following privilege is needed:
	I CLM_QueryAvailLiqui
References	This screen is part of the following use cases:
	I <u>Available liquidity per account holder</u> [▶ 534]
	I <u>Available liquidity on party level</u> [▶ 533]



Screenshot

Available Liquidity b	y Party				☆	?	٠	(
arch Criteria								
arty BIC	_							
	٩							
- Output Parameters								
Sort By	~	Sort Order	~					
Party BIC	×.	Ascending	~					

Figure 188 - Available Liquidity by Party – Query Screen

Field Descriptions

AVAILABLE LIQUIDITY BY PARTY – QUERY SCREEN				
Party BIC	This field offers the possibility to restrict the result list to liquidity relevant information related to one or more specific party BIC(s). The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [▶ 354] as a pop-up. The user can also leave this field empty in order to display liquidity relevant information related to all parties belonging to the community.			
	Required format: 8 or 11 characters			

Table 278 - Available Liquidity by Party – Query Screen

AVAILABLE LIQUIDITY BY PARTY – QUERY SCREEN – OUTPUT PARAMETERS				
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.			
	Possible values:			
	I Liquidity Overall			
	I Available Liquidity in CLM			
	I CLM Balances			
	I Credit Line			
	I Party BIC			
	I Projected Liquidity Overall			



AVAILABLE LIQUIDITY BY	PARTY – QUERY SCREEN – OUTPUT PARAMETERS
	I RTGS Balances
	I Sum of Current Balances
	I T2S Balances
	I TIPS Account Balances
	Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: Ascending Descending
	Default value: 'Ascending'

Table 279 - Available Liquidity by Party – Query Screen – Output Parameters

Buttons	AVAILABLE LIQUIDITY BY PARTY – QUERY SCREEN – BUTTONS					
		DITY BY PARTY – QUERY SCREEN – BUTTONS				
	Submit	The user can click on this button to query a list of liquidity relevant information matching the entered criteria.				
		The result list will be displayed in the <u>Available Liquidity by</u> <u>Party – List Screen</u> [▶ 452].				
	Reset	The user can click on this button to reset all fields to their default values.				
	Table 280 - Available Liquidity b	y Party – Query Screen – Buttons				
	5.8.8 Available Liquidity b	y Party – List Screen				
Context of Usage	This screen lists liquidity re predefined set of criteria.	levant information related to a participant meeting a				
	These criteria were defined on the Available Liquidity by Party – Query Screen [449].					
	The result list shows the account balances for accounts within T2, T2S and TIPS, que and earmarked cash transfer orders and as a result some projected liquidity variated to the entered party BIC or data related to all party BICs belonging to					

community of the central bank user (no selection of party BIC).



The account types CB ECB Account ¹⁸⁸, ECB Mirror Account ¹⁸⁹, CLM Technical Account for ECONS II, CLM Dedicated Transit Account for RTGS, CLM Dedicated Transit Account for T2S, CLM Dedicated Transit Account for TIPS, RTGS Dedicated Transit Account, TIPS Transit Account, T2S Dedicated Transit Account, are generally not considered in the result list.

Screen Access This screen can be reached in the following way:

I Monitoring >> Available Liquidity by Party – Query Screen >> [Submit]

Privileges To use this screen the following privilege is needed:

I CLM_QueryAvailLiqui

References This screen is part of the following use cases:

- I <u>Available liquidity per account holder</u> [▶ 534]
- I <u>Available liquidity on party level</u> [▶ 533]

Screenshot

	List of Available Li Available Liquidity by Party	quidity by Party	y								☆ ? 🌣	
Search Criteria												
Results										Last Ref	mesh: 2023-06-30 11:28:38 CEST	r 🖸
List of Available	Liquidity by Party											
Party BIC	Projected Liquidity Overall	Liquidity Overall	Available Liquidity in CLM	Credit Line	Sum of Current Balances	CLM Balances	RTGS Balances	T2S Balances	TIPS Account Balances	Queued Cash Transfer Orders Credit	Queued Cash Transfer Order	. 0
ASAAGRATXXX	2,490,000.00 EUR	2,490,000.00 EUR	0.00 EUR	0.00 EUR	2,490,000.00 EUR	0.00 EUR	2,490,000.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
ASABGRATXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
ASACGRATION	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	٥	0.00
ASADGRATXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
ASAEGRATIOX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	1.00
CBIOXGRD0XXX	-1,421,469,358-10 EUR	-1,421,469,358.10 EUR	-1,128,478,572.32 EUR	0.00 EUR	-1,421,469,358-10 EUR	-1,128,478,572.32 EUR	-292,990,785.78 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
PBAAGRATXOX	558,025,927.02 EUR	598,010,927.52 EUR	323,080,929.02 EUR	1,948,000.00 EUR	608,062,927.52 EUR	333,132,929.02 EUR	136,129,998.50 EUR	55,000,000.00 EUR	83,800,000.00 EUR	0.00 EUR	-38,000,000.	100
PBAAGRDOXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
PBABGRATIXXX	565,323,000.00 EUR	565,323,000.00 EUR	565,323,000.00 EUR	0.00 EUR	565,323,000.00 EUR	565,323,000.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
PBABGRDOXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
PBACGRATIXXX	172,431,023.00 EUR	132,446,022.50 EUR	36,000,000.00 EUR	0.00 EUR	132,446,022.50 EUR	36,000,000.00 EUR	96,446,022.50 EUR	0.00 EUR	0.00 EUR	38,000,000.00 EUR	0.	0.00
PBACGRDOXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	1.00
PBADGRADXX	93,000,000.00 EUR	93,000,000.00 EUR	45,000,000.00 EUR	0.00 EUR	93,000,000.00 EUR	45,000,000.00 EUR	48,000,000.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	1.00
PBADGRDOXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00
PBAFGRD0XXX	23,015,500.00 EUR	23,015,500.00 EUR	0.00 EUR	0.00 EUR	23,015,500.00 EUR	0.00 EUR	23,015,500.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00
PBAGGRD0XXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR		0.00
PBAHGRDOXXX	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.	0.00
« « 1												

Figure 189 - Available Liquidity by Party - List Screen

FieldNote: For the description of the attribute and their respective values in the 'SearchDescriptionsCriteria' section see chapter Available Liquidity by Party – Query Screen [▶ 449].

¹⁸⁸ Account type only relevant for users with party operating in EUR

¹⁸⁹ Account type only relevant for users with party operating in EUR



Party BIC This column shows the party BIC related to the que liquidity relevant information. Depending on the query criteria, this column is pre-filled the selected party BIC or all party BICs belonging to community of the CB user. Additionally, this column reveals the party short name	l with
the selected party BIC or all party BICs belonging to community of the CB user.	
Additionally this column reveals the party short name	
mouse-over function.	e via
Projected Liquidity Overall This column shows the liquidity position that will be availated all queued and earmarked transactions per party would settled.	
The 'Projected Available Liquidity Overall' consists of 'Liq Overall', 'Queued Cash Transfer Orders Credit', 'Earma Cash Transfer Orders Credit' reduced by 'Queued Transfer Orders Debit' and 'Earmarked Cash Transfer O Debit'.	arked Cash
It contains a sum of the amount of all listed liquidity pos at the bottom of the column. When the liquidity inform query for at least one account located in TIPS or T2S then the value 'Not available' is shown.	ation
Liquidity Overall This column shows the liquidity position per party in the v T2, including CLM, RTGS, T2S and TIPS balances and credit line in CLM.	
The 'Liquidity Overall' consists of 'Available Liquidity in ('RTGS Balances', 'T2S Balances', TIPS Account Balance	
It contains a sum of the amount of all listed liquidity pos at the bottom of the column. When the liquidity inform query for at least one account located in TIPS or T2S then the value 'Not available' is shown.	ation
Available Liquidity in CLM This column shows the liquidity position per party in CLM.	
The 'Available Liquidity in CLM' consists of 'CLM Balar 'Credit Line' (only applicable for default MCA) reduce seizure of funds amount.	
It contains a sum of the amount of all listed liquidity pos at the bottom of the column.	itions



AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LI- QUIDITY BY PARTY				
Credit Line	This column shows the credit line of the default MCA per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.			
Sum of Current Balances	This column shows the sum of all current balances per party in the whole T2, including CLM, RTGS, T2S and TIPS current balances. The 'Sum of Current Balances' consists of 'CLM Balances', 'RTGS Balances', 'T2S Balances' and 'TIPS Account Balances'. It contains a sum of the amount of all listed balance positions at the bottom of the column.			
CLM Balances	This column shows the sum of all CLM cash account balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.			
RTGS Balances	This column shows the sum of all RTGS balances and sub- accounts balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.			
T2S Balances	This column shows the sum of all T2S balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in T2S fails, then the value 'Not available' is shown.			
TIPS Account Balances	This column shows the sum of all TIPS account balances (TIPS Accounts and TIPS AS Technical Accounts) per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column. When the liquidity information query for at least one account located in TIPS fails, then the value 'Not available' is shown.			
Queued Cash Transfer Orders Credit	This column shows the sum of all queued credit cash transfer orders from CLM and RTGS per party.			



AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LI- QUIDITY BY PARTY		
	It contains a sum of the amount of all listed liquidity positions at the bottom of the column.	
Queued Cash Transfer Orders Debit	This column shows the sum of all queued debit cash transfer orders from CLM and RTGS per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.	
Earmarked Cash Transfer Orders Credit	This column shows the sum of all earmarked credit cash transfer orders from CLM and RTGS per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.	
Earmarked Cash Transfer Orders Debit	This column shows the sum of all earmarked debit cash transfer orders from CLM and RTGS per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.	

Table 281 - Available Liquidity by Party – List Screen – List of Available Liq. by Party

Context Menu	AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LI- QUIDITY BY PARTY – CONTEXT MENU
	DisplayListofAvailableThis context menu redirects the user to the Available LiquidityLiquidity by Accountsby Account – List Screen [▶ 456].
	Table 282 - Available Liquidity by Party – List Screen – List of Available Liq. by Party – Con- text Menu
	5.8.9 Available Liquidity by Account – List Screen
Context of Usage	This screen shows the account balances, credit lines, queued cash transfer orders and as a result, some aggregated liquidity positions an account level related to the entered party BIC.
	The account types CB ECB Account, ECB Mirror Account, CLM Technical Account for ECONS II, CLM Dedicated Transit Account for RTGS, CLM Dedicated Transit Account for T2S, CLM Dedicated Transit Account for TIPS, RTGS Dedicated Transit Account, TIPS Transit Account, T2S Dedicated Transit Account, are generally not considered in the result list.

target | T2

This screen is only available via context menu on the <u>Available Liquidity by Party – List</u> <u>Screen</u> [\triangleright 452]. By clicking on a party and selecting the context menu entry 'List of Available Liquidity by Accounts', a central bank user can see all data related to accounts belonging to the selected party BIC.

Screen Access This screen can be reached in the following way:

I Monitoring >> Available Liquidity by Party – List Screen >> Context menu entry 'List of Available Liquidity by Accounts'

Privileges To use this screen the following privilege is needed:

I CLM_QueryAvailLiqui

References This screen is part of the following use case:

I <u>Available liquidity per account holder</u> [▶ 533]

Screenshot



Figure 190 - Available Liquidity by Account - List Screen

Field Descriptions

Note: For the description of the attribute and their respective values in the 'Results – List of Available Liquidity by Party' section see chapter <u>Available Liquidity by Party – List</u> Screen [▶ 452].

AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF AVAILABLE		
Account Number	This column shows all account numbers related to the party BIC previously selected via context menu. Additionally, this column reveals the party short name via mouse-over function.	
Projected Liquidity	This column shows the projected liquidity that will be available if all queued and earmarked transactions per account would be settled.	
	The 'Projected Liquidity Overall' consists of 'Liquidity Overall', 'Queued Cash Transfer Orders Credit', 'Earmarked Cash Transfer Orders Credit' reduced by 'Queued Cash Transfer Orders Debit' and 'Earmarked Cash Transfer Orders Debit'. When the liquidity information query for at least one account	
	located in TIPS or T2S fails, then the value 'Not available' is	



AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY ACCOUNT	
	shown.
Liquidity Overall	This column shows the sum of 'Available Liquidity in CLM', 'RTGS Balance', 'T2S Balance' and 'TIPS Account Balance' When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.
Available Liquidity in CLM	This column shows the liquidity position per account in CLM. The 'Available Liquidity in CLM' consists of 'CLM Balance', 'Credit Line' reduced by seizure of funds amount.
Credit Line	This column shows the credit line of the default MCA.
CLM Balance	This column shows the CLM Cash Account balance.
RTGS Balance	This column shows the RTGS Account balance.
T2S Balance	This column shows the balance of the T2S Account. When the liquidity information query for at least one account located in T2S fails, then for every account located in T2S the value 'Not available' is shown.
TIPS Account Balance	This column shows the balance of the TIPS Account (which can be either a TIPS Account or a TIPS AS Technical Account). When the liquidity information query for at least one account located in TIPS fails, then for every account located in TIPS the value 'Not available' is shown.
Queued Cash Transfer Orders Credit	This column shows the sum of all queued credit cash transfer orders from CLM and RTGS per account.



AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY ACCOUNT

Queued Cast	Transfe	ar Orders	This column shows the sum of all queued debit cash transfer
	i manoic		·
Debit			orders from CLM and RTGS per account.
Earmarked Orders Credit	Cash	Transfer	This column shows all earmarked credit cash transfer orders from CLM and RTGS per account.
Earmarked	Cash	Transfer	This column shows all earmarked debit cash transfer orders
Orders Debit			from CLM and RTGS per account.

Table 283 - Available Liquidity by Account – List Screen – Results – List of Available Liq. by Account

Context Menu

AVAILABLE LIQUIDITY BY A	CCOUNT – LIST SCREEN – RESULTS – CONTEXT MENU
Display Cash Account Liquidity	 I This context menu redirects the user to the <u>CLM Cash</u> <u>Account Liquidity – Display Screen</u> [▶ 288] while transmitting the following value: I Account number This context menu entry is only available for the following account type: I MCA
	Required privilege: CLM_QueryAvaLiq

Table 284 - Available Liquidity by Account – List Screen – Results – Context Menu

5.8.10 Warehoused Cash Transfers – Query Screen

Context ofThis screen offers the possibility to query warehoused payment orders related to one orUsagemore account holder. It is also possible to query data for all participants belonging to the
community of the user.

This screen queries only warehoused payment orders for a given party BIC used either as debtor or as instructing agent within cash transfers.

The number and amount of warehoused payment orders per value date matching the data of the search fields are shown in the <u>Warehoused Cash Transfer – List Screen</u> [▶ 462].

This screen is only available for operators and central bank users.

Screen Access This screen can be reached in the following way:

I

- Monitoring >> Warehoused Cash Transfers Query Screen
- **Privileges** To use this screen the following privilege is needed:



I CLM_QueryWarehoused

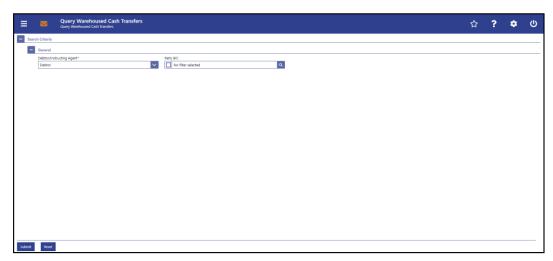
References This screen is part of the following use case:

I <u>Warehoused cash transfers</u> [▶ 532]

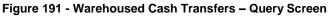


Monitoring

Screenshot



WAREHOUSED CASH TRANSFERS - QUERY SCREEN - GENERAL



Field Descriptions

Debtor/Instructing Agent*	This field requires the user to restrict the result list to warehoused payment orders where the entered party BIC is the BIC of the debtor or the BIC of the instructing agent. Possible values: I Debtor I Instructing Agent Default value: 'Debtor'
Party BIC	This field offers the possibility to enter one or more party BIC(s) in order to query the data related to warehoused payment orders. The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [1354] as a pop-up. The user can also leave this field empty in order to display warehoused payment orders information related to all parties belonging to the community. Default value: 'No filter selected' Required format: 8 or 11 characters

Table 285 - Warehoused Cash Transfers – Query Screen – General

Buttons

WAREHOUSED CASH TRANSFERS – QUERY SCREEN – BUTTONS

Submit

The user can click on this button to query all warehoused



	WAREHOUSED CA	SH TRANSFERS – QUERY SCREEN – BUTTONS
		payment order data matching the entered criteria.
		The result list will be displayed in the <u>Warehoused Cash</u> <u>Transfers – List Screen</u> [▶ 462].
	Reset	The user can click on this button to reset all fields to their default values.
	Table 286 - Warehoused Cash Ti	ransfers – Query Screen – Buttons
	5.8.11 Warehoused Cash	Transfers – List Screen
Context of Usage	This screen lists all warehou advance) data meeting a define	used payment orders (sent up to 10 calendar days in ed set of criteria.
	These criteria were defined on	the <u>Warehoused Cash Transfers – Query Screen</u> [▶ 459].
	date related to the entered par	ne and amount of warehoused payment orders per value ty BIC(s) or data related to all party BICs belonging to the user (in case no selection of party BIC was done).
Screen Access	This screen can be reached in	the following way:
	I Monitoring >> Warehouse	d Cash Transfers – Query Screen >> [Submit]
Privileges	To use this screen the following	g privilege is needed:
	I CLM_QueryWarehoused	
References	This screen is part of the follow	ing use case:
	I Warehoused cash transfe	<u>rs</u> [▶ 532]
Screenshot	Image: Second	
	Figure 192 - Warehoused Cash 1	Fransfers – List Screen
Field	Note: For the description of t	he attributes and their respective values in the 'Search
Descriptions	Criteria' and 'Results – Debtor	/Instructing Agent' section see chapter Warehoused Cash
	Transfers – Query Screen [) 45	59].

The number of columns depends on the specific business day calendar. As such a warehoused payment order sent 10 calendar days in advance causes entries in the columns for business day + 3 (specific constellation during end of year holidays) up to business day + 8.



WAREHOUSED CASH TRANSF	ERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS
Party BIC	This column shows the party BIC related to the queried warehoused payment order information.
	Depending on the query criteria, this column is filled with one or more selected party BIC(s) or all party BICs belonging to the community of the CB user.
	Additionally, this column reveals the party short name via mouse-over function.
Amount for YYYY-MM-DD (Business Day + 1)	This column shows the total amount of warehoused cash transfers related to the party BIC for the next business day. It contains a sum of the amounts of all listed payment orders
Volume for YYYY-MM-DD (Business Day + 1)	at the bottom of the column. This column shows the total volume of warehoused payment orders related to the party BIC for the next business day.
	It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 2)	This column shows the total amount of warehoused payment orders related to the party BIC for the second next business day.
	It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 2)	This column shows the total volume of warehoused payment orders related to the party BIC for the second next business day.
	It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 3)	This column shows the total amount of warehoused payment orders related to the party BIC for the third next business day.
	It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 3)	This column shows the total volume of warehoused payment orders related to the party BIC for the third next business day.
	It contains a sum of the amounts of all listed cash transfers at the bottom of the column.



WAREHOUSED CASH TRANSF	ERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS
Amount for YYYY-MM-DD (Business Day + 4)	This column shows the total amount of warehoused payment orders related to the party BIC for the fourth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 4)	This column shows the total volume of warehoused payment orders related to the party BIC for the fourth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 5)	This column shows the total amount of warehoused payment orders related to the party BIC for the fifth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 5)	This column shows the total volume of warehoused payment orders related to the party BIC for the fifth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 6)	This column shows the total amount of warehoused payment orders related to the party BIC for the sixth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 6)	This column shows the total volume of warehoused payment orders related to the party BIC for the sixth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 7)	This column shows the total amount of warehoused payment orders related to the party BIC for the seventh next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.



WAREHOUSED CASH TRANSF	ERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS
Volume for YYYY-MM-DD (Business Day + 7)	This column shows the total volume of warehoused payment orders related to the party BIC for the seventh next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Amount for YYYY-MM-DD (Business Day + 8)	This column shows the total amount of warehoused payment orders related to the party BIC for the eighth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 8)	This column shows the total volume of warehoused payment orders related to the party BIC for the eighth next business day. It contains a sum of the amounts of all listed cash transfers at the bottom of the column.

Table 287 - Wareh. Cash Transfers – List Screen – List of Wareh. Cash Transfers

Context Menu

WAREHOUSED CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED
CASH TRANSFERS – CONTEXT MENU

Details	This context menu redirects the user to the Cash Transfers -
	List Screen [> 94] while transmitting the following values:
	I Party BIC
	I Cash Transfer Status 'Warehoused'
	Required privilege: CLM_QueryCashTrans

Table 288 - Wareh. Cash Transfers – List Screen – List of Wareh. Cash Transfers – Context Menu

5.8.12 Reservations and Seizure of Funds - List Screen

Context ofThis screen displays different types of reservations and the number of standing orders forUsagethe current business day. It shows an aggregated view related to all MCAs belonging to
participants of the central bank user's community.

Screen Access This screen can be reached in the following way:

I Monitoring >> Reservations and Seizure of Funds – List Screen



To use this screen the following privilege is needed:	
I CLM_QueryReservationDedLiqui	
This screen is part of the following use case:	

I <u>Reservations and dedicated liquidity</u> [> 537]



Screenshot





Field Descriptions

S	RESERVATIONS AND SEIZURE OF FUNDS – LIST SCREEN – RESULTS – LIST OF RESER- VATIONS AND SEIZURE OF FUNDS	
		 This column categorizes the result list by labelling the rows with the following values: I Standing Orders I Current Amount I Pending Reservations
	Reservations for Central Bank Operations	This column shows the sum of all reservations for central bank operations related to all MCAs in the data scope of the user divided in settled standing orders, current amount and pending reservations. When a standing order has been partially executed during the start of day phase, then only the amount settled during the start of day is shown here. Partial amounts of the standing order possibly settled later on are not shown in this field.
	Reservations for Seizure of Funds	This column shows the sum of all reservations for seizure of funds related to all MCAs in the data scope of the user divided in current amount and pending reservations.
	Total Amount	This column shows the sum of all MCA reservations for central bank operations and seizure of funds divided in settled standing orders, current amount and pending reservations. When a standing order has been partially executed during the start of day phase, then only the amount settled during the

Table 289 - Reservations and Seiz. of Funds – List Screen – List of Reservations and Seiz. of Funds

start of day is shown here. Partial amounts of the standing

order possibly settled later on are not shown in this field.

5.8.13 Standing Facilities per Account Holder – Query Screen

Context ofThis screen offers the possibility for a central bank user to query standing facilitiesUsageinformation for the whole banking community or for a selected party.



	The result list can be filtered by 'Party BIC', 'Marginal Lending on Request', 'Auton Marginal Lending' and 'Overnight Deposit' given on this screen and will be sorted by values of a selected output parameter. The default setting is sorting by 'Party BIC ascending order. ¹⁹⁰	
	This screen is only relevant for users with party operating in EUR.	
	The standing facility information matching the data of the search fields is shown in the <u>Standing Facilities per Account Holder – List Screen</u> [▶ 470].	
Screen Access	This screen can be reached in the following way: I Monitoring >> Standing Facilities per Account Holder – Query Screen	
Privileges	To use this screen the following privilege is needed: I CLM_QueryStaFacAccHol	
References	This screen is part of the following use case: I <u>Overview standing facilities</u> [▶ 536]	

¹⁹⁰ Screen has to be updated with ECMS go-live.



Screenshot

🗮 🖂 Query Standing	Facilities per Account Holder			습	?	٠	(
Search Criteria							
- Party Information							
Farty BIC							
No filter selected	Q.						
- Output Parameters							
Sort By	Sort Order						
Party BIC	Ascending	×					



Field Descriptions

STANDING FACILITIES PER ACCOUNT HOLDER – QUERY SCREEN – PARTY INFOR- MATION				
Party BIC	This field offers the possibility to restrict the result list to standing facilities information related to one or more specific party BIC(s).			
	The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [▶ 354] as a pop-up.			
	The user can also leave this field empty in order to display standing facilities information related to all parties belonging to the community.			
	Required format: 8 or 11 characters			

Table 290 - Standing Facilities per Acc. Holder – Query Screen – Party Information

STANDING FACILITIES PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAME- TERS			
 This field offers the possibility to select the attribute which is to be used to sort the elements in the result list. Possible values: Automatic Marginal Lending Marginal Lending on Request Overnight Deposit Party BIC 			



STANDING FACILITIES PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAME-				
TERS				
	Default value: 'Party BIC'			
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list.			
	Possible values:			
	I Ascending			
	I Descending			
	Default value: 'Ascending'			

Table 291 - Standing Facilities per Acc. Holder – Query Screen – Output Parameters

Buttons

STANDING FACILITIES PE	ER ACCOUNT HOLDER – QUERY SCREEN – BUTTONS
Submit	The user can click on this button to query all standing facilities information matching the entered criteria. The result list will be displayed in the 'Standing Facilities per Account Holder – List Screen'.
Reset	The user can click on this button to reset all fields to their default values.

Table 292 - Standing Facilities per Acc. Holder – Query Screen – Buttons

5.8.14 Standing Facilities per Account Holder – List Screen

Context of This screen lists all standing facilities information meeting a defined set of criteria.

Usage These criteria were defined on the <u>Standing Facilities per Account Holder – Query Screen</u> [▶ 467]. The result list shows either standing facilities information related to one or more specific queried party BIC(s) or standing facilities information related to all party BICs belonging to the community of the central bank user. ¹⁹¹

This screen is only relevant for users with party operating in EUR.

- **Screen Access** This screen can be reached in the following way:
 - I Monitoring >> Standing Facilities per Account Holder Query Screen >> [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - I CLM_QueryStaFacAccHol

¹⁹¹ Screen has to be updated with ECMS go-live.



References

es This screen is part of the following use case:

I <u>Overview standing facilities</u> [▶ 536]

Screenshot



Figure 195 - Standing Facilities per Account Holder – List Screen

FieldNote: For the description of the attributes and their respective values in the 'SearchDescriptionsCriteria' section see chapter Standing Facilities per Account Holder – Query Screen[▶ 467].



STANDIN	G FACILITIES PER ACCOUNT HOLDER
Party BIC	This column shows the party BIC of the queried standing facilities information.
	This field is pre-filled with the selected party BIC or all party BICs belonging to the community of the CB user.
	Additionally, this column reveals the party short name via mouse-over function.
Marginal Lending on Request	This column shows the amounts processed via marginal lending on request related to the queried parties.
	It contains a sum of the amounts of all listed standing facilities at the bottom of the column.
Automatic Marginal Lending	This column shows the amounts processed via automatic marginal lending related to the queried parties.
	It contains a sum of the amounts of all listed standing facilities at the bottom of the column.
Overnight Deposit	This column shows the overnight deposit amounts related to the queried parties.
	It contains a sum of the amounts of all listed standing facilities at the bottom of the column.

STANDING FACILITIES PER ACCOUNT HOLDER - LIST SCREEN - RESULTS - LIST OF

Table 293 - Standing Facilities per Acc. Holder – List Screen – List of Standing Facilities per Acc. Holder

5.8.15 Minimum Reserve Information per Account Holder – Query Screen

Context of This screen offers the possibility for central bank users to query the minimum reserve Usage requirements and fulfilments per party for their whole banking community or for a single party.

> The result list can be filtered by different attributes given on this screen and will be sorted by the values of a selected output parameter. The default setting is sorting by 'Party BIC' in ascending order.

> The minimum reserve information matching the data of the search fields is shown in the Minimum Reserve Information per Account Holder – List Screen [▶ 475].

This screen is only available for operators and central bank users.

This screen is only relevant for users with party operating in EUR.

Screen Access This screen can be reached in the following way:



I Monitoring >> Minimum Reserve Information per Account Holder – Query Screen
To use this screen the following privilege is needed:
I CLM_QueryMinResAccHol
This screen is part of the following use case:

I <u>List minimum reserve requirements and fulfilments on banking community level</u> [▶ 519]



Screenshot

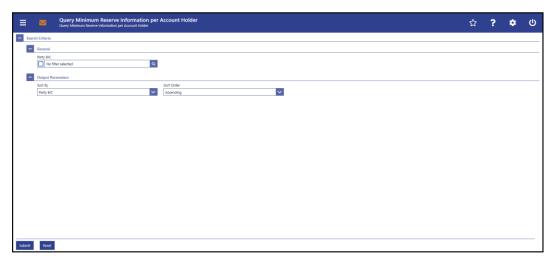


Figure 196 - Minimum Reserve Information per Account Holder – Query Screen

Field Descriptions

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – QUERY SCREEN – GEN-				
ERAL				
Party BIC	This field offers the possibility to restrict the result list to minimum reserve information of one or more specific party BIC(s).			
	The user can enter the party BIC(s) manually or search for them by clicking on the smart-select button and opening the Party Reference Data – Query Screen [> 354] as a pop-up. Default value: 'No filter selected' Required format: 8 or 11 characters			

Table 294 - Minimum Reserve Information per Account Holder – Query Screen – General

MINIMUM RESERVE INFORMAT	MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAMETERS				
Sort By	This field offers the possibility to select the attribute which is to be used to sort the elements in the result list.				
	Possible values:				
	I Adjustment Balance				
	I Current Balance				
	I Excess Reserve Exemption Balance				
	I Excess Reserve Exemption Threshold				
	I Excess Reserve Remuneration Balance				
	I Minimum Reserve Management				



MINIMUM RESERVE INFORMAT	TION PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAMETERS
	 Minimum Reserve Requirement Party BIC Running Average Note: The attribute 'Minimum Reserve Management' refers to the type of minimum reserve management (e.g. No, Direct, Indirect or Pool). Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be used to sort the elements in the result list. Possible values: I Ascending I Descending Default value: 'Ascending'

Table 295 - Minimum Reserve Information per Account Holder – Query Screen – Output Parameters

MINIMUM RESERVE INFORM	ATION PER ACCOUNT HOLDER – QUERY SCREEN – BUT-
	TONS
Submit	The user can click on this button to query the minimum reserve information matching the entered criteria. The result list will be displayed in the <u>Minimum Reserve</u> <u>Information per Account Holder – List Screen</u> [> 475].
Reset	The user can click on this button to reset all fields to their default values.

Table 296 - Minimum Reserve Information per Account Holder – Query Screen – Buttons

5.8.16 Minimum Reserve Information per Account Holder – List Screen

Context of This screen lists minimum reserve information meeting a defined set of criteria.

Usage These criteria were defined on the <u>Minimum Reserve Information per Account Holder –</u> Query Screen [▶ 472].

Buttons



The screen provides central bank users with information regarding the minimum reserve requirement, the running average, the aggregated current balance of all the accounts to be taken into account for the party and the needed adjustment balance.

This screen is only available for operators and central bank users showing parties of their own community.

This screen is only relevant for users with party operating in EUR.

Screen Access This screen can be reached in the following way:

- Monitoring >> Minimum Reserve Information per Account Holder Query Screen >> L [Submit]
- **Privileges** To use this screen the following privilege is needed:
 - CLM_QueryMinResAccHol L

References This screen is part of the following use case:

> L List minimum reserve requirements and fulfilments on banking community level [519]

Screenshot

Search Criteria								
Results								Last Refresh: 2022-11-07 11:27:34 CET Refre
List of Minimur	n Reserve Information per Account Hole	ler						
Party BIC	Minimum Reserve Management	Minimum Reserve Requirement	Excess Reserve Exemption Threshold	Running Average	Current Balance	Adjustment Balance	Excess Reserve Exemption Balance	Excess Reserve Rensumeration Balance
PBAPPLD0XXX	Direct	300.00 EUR	503.00 EUR	5,556,377.76 EUR	5,557,089.14 EUR	0.00 EUR	600.00 EUR	3,505,677.761
	Direct	4,444.00 EUR	13,332.00 EUR	0.00 EUR	0.00 EUR	7.777.00 EUR	0.00 EUR	0.00
PBCAPLD0X0X								0.00
PBCBPLD0XXX	Direct	3,333.00 EUR	9,999.00 EUR	37.04 EUR	0.00 EUR	5,804.97 EUR	0.00 EUR.	0.001

Figure 197 - Minimum Reserve Information per Account Holder – List Screen

Field Note: For the description of the attributes and their respective values in the 'Search **Descriptions** Criteria' section see chapter Minimum Reserve Information per Account Holder - Query <u>Screen</u> [▶ 472].

> MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER - LIST SCREEN - RESULTS -LIST OF MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER Party BIC This column shows the party BIC related to the queried minimum reserve information.

> > Additionally, this column reveals the party short name via mouse-over function.

Minimum Reserve Management This column shows the set-up of the minimum reserve holding of the party.

Possible values:

I No



	LIST OF MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER		
	I Indirect I Pool		
Minimum Reserve Requirement	This column shows the required minimum reserve that the participant has to hold. It contains a sum of the amount of all listed minimum reserve requirements at the bottom of the column.		
Excess Reserve Exemption Threshold	 This column shows the amount of (1+n)* minimum reserve requirement for which a special interest rate is used. It contains a sum of the amount of all listed excess reserve exemption thresholds at the bottom of the column. Note: n is the factor for the calculation of the excess reserve exemption amount and this multiplier will be the same for all institutions. 		
Running Average	This field shows the daily average balance that the party held on its cash accounts stemming from the previous business days balances in the maintenance period in order to fulfil its minimum reserve requirement. It contains a sum of the amount of all listed running averages at the bottom of the column.		
Current Balance	This column shows the current balance of all accounts of the party eligible for minimum reserve calculation. It contains a sum of the amount of all listed current balances at the bottom of the column. When the liquidity information query for at least one account located in TIPS or T2S fails, then the value 'Not available' is shown.		



LIST OF MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER		
Adjustment Balance	This column shows the daily average balance that the party would have to hold on its cash accounts for the remaining business days in the maintenance period to fulfil its minimum reserve requirement. It contains a sum of the amount of all listed adjustment balances at the bottom of the column.	
Excess Reserve Exemption	This column shows the running average amount above the minimum reserve requirement which yields interest according to the corresponding interest rate in the specified maintenance period.	
Balance	It contains a sum of the amount of all listed excess reserve exemption balances at the bottom of the column.	
Excess Reserve Remuneration	This column shows the running average amount above the excess reserve exemption threshold which yields interest according to the corresponding interest rate in the specified maintenance period.	
Balance	It contains a sum of the amount of all listed excess reserve remuneration balances at the bottom of the column.	

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER

Table 297 - Min. Reserve Info. per Acc. Holder – List Screen – List of Min. Reserve Info. per Acc. Holder



6 Screen User Guide – Description of Use Cases

The Screen User Guide contains use cases adapted from typical user workflows. Each use case represents a single workflow and consists of single action steps, intermediate results and a final result. Some use cases serve as extensions for other use cases and can only be completed after a previous use case has been completed. This is indicated in the context of usage and instructions part. Each use case description follows the same structure and contains the following elements.

- Context of The context of usage includes the goal of the use case and the relevant context information needed to reach the goal of the use case. The content of this part comprises the action steps described in the section 'Instructions' in the wider context, provides the user with valuable information and shows the relation to other use cases. It can also include usage restrictions or prerequisites depending on the use case.
- Privileges The privileges section lists all necessary privileges in order to complete the respective use case. This includes privileges that are needed to access the involved screens and privileges necessary to proceed with the use case. Privileges that are only necessary to use one specific or optional function of the use case are listed after the description of the respective action step.
- **References** The references section lists the screens involved in order of their appearance in the use case.
- **Instructions** Each workflow is described from start to end, beginning with the access to the starting screen. The instructions involve a number of separate steps which lead the user through a series of screens and actions. Each step is focused on one single action. Intermediate results are included and the instructions end with a final result. The instructions describe the main scenario which is the most common workflow.
- Instructions 1. Step 1
 - 2. Step 2
 - ⇒ Intermediate result
 - 3. Step 3
 - Final result

Additional Information

Example

Instead of including all information about possible situations in the main scenario, the use case description focuses on leading the user through the most common workflow first and then provides additional information about alterations and exceptional situations.

Such additional information within a use case is highlighted by a notice sign and is described directly below the instructions for the main scenario. Additional information can, among others, include alternative branches, context menu functions, restrictions or screen-specific information.



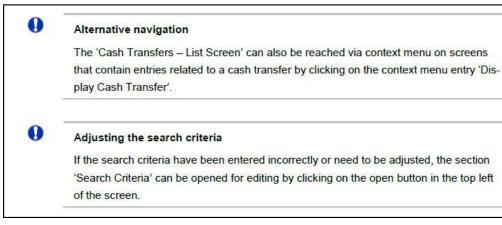


Figure 198 - Additional Information

Wording

Ω

Screens involving a cash transfer do not differentiate between a cash transfer order and a cash transfer (settled cash transfer order). Accordingly, the UHB only differentiates between cash transfers and cash transfer orders if relevant for a specific function. In all other functions a cash transfer also means a cash transfer order.

6.1 Cash Transfers and Messages

6.1.1 Query/List cash transfers

Context ofThis use case describes how to query cash transfers and view the result list of cashUsagetransfers based on the selected filter criteria.

Cash transfers can be queried by entering attribute values with regard to the relevant cash transfers.

This use case provides the basis for the execution of the following use cases:

- I Display cash transfer (order) [▶ 481]
- I <u>Revocation of payment</u> [▶ 482]
- I <u>Reorder payment in queue</u> [▶ 483]
- I <u>Modify earliest debit timestamp</u> [▶ 483]
- I <u>Modify latest debit timestamp</u> [▶ 484]
- I <u>Release cash transfer order of blocked party</u> [▶ 485]

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryCashTrans

target | T2

I

L

References

Instructions

	menu entry 'Query Cash Transfers'.
	3. Enter the relevant attribute values of the cash transfers that are to be displayed.
	4. Optionally, specify the sorting criterion, the sorting order and the selection of columns for the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Entry Timestamp' in descending order.
	5. Click on the 'Submit' button.
	The 'Cash Transfers – List Screen' opens. The list shows all cash transfers matching the entered search criteria.
0	Alternative navigation
	The 'Cash Transfers – List Screen' can also be reached via context menu on screens that contain entries related to a cash transfer by clicking on the context menu entry 'Display Cash Transfer'.
•	
U	Adjusting the search criteria
	If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.
	6.1.2 Display cash transfer (order)
Context of Usage	This use case describes how to query cash transfers and view detailed information on a specific cash transfer.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryCashTransDetails
References	Further information on screens involved can be found in the screen reference part:
	I <u>Cash Transfers – Details Screen</u> [▶ 109]
Instructions	 Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	 In order to view details of a specific cash transfer, right-click on the cash transfer and select the context menu entry 'Details'.

Further information on screens involved can be found in the screen reference part:

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-

Cash Transfers – Query Screen [▶ 76]

Cash Transfers – List Screen [▶ 94]

1. Click on the menu button.



Ω

The 'Cash Transfers – Details Screen' opens. Detailed information with regard to the selected cash transfer is displayed.

Alternative navigation

The 'Cash Transfers – List Screen' can also be reached via context menu on screens that contain entries related to a cash transfer by clicking on the context menu entry 'Display Cash Transfer'.

6.1.3 Revocation of payment

Context ofThis use case describes how to revoke payment orders selected in the <u>Cash Transfers</u> –UsageList Screen [▶ 94] or in the <u>Cash Transfers – Details Screen</u> [▶ 109].

Revoking payment orders is only possible for payment orders with the status 'Warehoused', 'Earmarked' or 'Queued'.

This function is only available for operators or central bank users.

Privileges To carry out this use case, the following privilege is needed:

I CLM_RevPaymentOrder

References Further information on screens involved can be found in the screen reference part:

- I <u>Cash Transfers List Screen</u> [▶ 94]
- **Instructions 1.** Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
 - 2. Select one or more payment order(s) that are to be revoked.
 - 3. Right-click on the selected item(s) and select the context menu entry 'Revoke'.
 - ⇒ A confirmation pop-up opens showing details of the selected payment order(s).
 - Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to confirm the revocation of the payment order(s).
 - The user returns to the 'Cash Transfers List Screen'. The notification area shows whether the submission of the data has been completed.

6.1.4 Modify cash transfer order

This use case includes three functions in order to modify a payment order. These three functions are reordering a payment order in the respective queue, modifying the earliest debit timestamp and modifying the latest debit timestamp.

Detailed information on these functions can be found in the following chapters:

- I <u>Reorder payment in queue</u> [▶ 483]
- I <u>Modify earliest debit timestamp</u> [▶ 483]



	I <u>Modify latest debit timestamp</u> [▶ 484]
	6.1.4.1 Reorder payment in queue
Context of Usage	This use case describes how to increase or decrease the queue position of cash transfer orders selected in the <u>Cash Transfers – List Screen</u> [▶ 94] or in the <u>Cash Transfers –</u> <u>Details Screen</u> [▶ 109].
	Reordering is only possible for payment orders with the status 'Queued'.
	This function is only available for operators or central bank users.
Privileges	To carry out this use case, the following privilege is needed: I CLM_ModifyPaymentOrder
References	Further information on screens involved can be found in the screen reference part: I <u>Cash Transfers – List Screen</u> [▶ 94]
Instructions	1. Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	2. Select one or more payment order(s) that are to be reordered.
	 Right-click on the selected item(s) and select the context menu entry 'Increase' or 'Decrease' respectively.
	A confirmation pop-up opens showing details of the selected payment order(s).
	 Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to confirm the reordering of the payment order(s).
	The user returns to the 'Cash Transfers – List Screen'. The notification area shows whether the submission of the data has been completed.
•	Reordering multiple payment orders
	If more than one payment order is increased/decreased via bulk action, the order of the increased/decreased items can differ from their original order.
	6.1.4.2 Modify earliest debit timestamp
Context of Usage	This use case describes how to modify the earliest debit timestamp of payment orders selected in the <u>Cash Transfers – List Screen</u> [▶ 94] or in the <u>Cash Transfers – Details</u> <u>Screen</u> [▶ 109].
	Modifying the earliest debit timestamp is only possible for payment orders with the status 'Warehoused' or 'Earmarked' including an earliest debit timestamp.
	This function is only available for operators or central bank users.
Privileges	To carry out this use case, the following privilege is needed:



	I CLM_ModifyPaymentOrder
References	Further information on screens involved can be found in the screen reference part:
	I <u>Cash Transfers – List Screen</u> [▶ 94]
	I <u>Cash Transfers – Modify Earliest Debit Timestamp – Pop-up</u> [▶ 112]
Instructions	1. Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	 Select one or more payment order(s) whose earliest debit timestamp are to be modi- fied.
	 Right-click on the selected item(s) and select the context menu entry 'Modify earliest debit timestamp'.
	The 'Cash Transfers – Modify Earliest Debit Timestamp – Pop-up' opens showing details of the selected payment order(s).
	4. Fill in the field 'New Earliest Debit Timestamp' by entering a timestamp manually or by clicking on the calendar button. The new earliest debit timestamp must be earlier than the latest debit timestamp and before the cut-off time. The new earliest debit timestamp must be later than the current system time.
	5. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
	The user returns to the 'Cash Transfers – List Screen'. The notification area shows whether the submission of the data has been completed.
0	Alternative navigation
	The 'Cash Transfers – Modify Earliest Debit Timestamp – Pop-up' can also be reached
	via context menu on the 'Cash Transfers – Details Screen' by clicking on the context menu entry 'Modify Earliest Debit Timestamp'.
•	Deleting the earliest debit timestamp
	The 'Cash Transfers – Modify Earliest Debit Timestamp – Pop-up' offers the possibility to delete the current earliest debit timestamp by clicking on the 'Delete Earliest Debit Timestamp' button.

6.1.4.3 Modify latest debit timestamp

Context ofThis use case describes how to modify the latest debit timestamp of payment ordersUsageselected in the Cash Transfers – List Screen [▶ 94] or in the Cash Transfers – DetailsScreen [▶ 109].

Modifying the latest debit timestamp is only possible for payment orders with the status 'Warehoused' or 'Earmarked' including a latest debit timestamp.



	This function is only available for operators or central bank users.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_ModifyPaymentOrder
References	Further information on screens involved can be found in the screen reference part:
	I <u>Cash Transfers – List Screen</u> [▶ 94]
	I Cash Transfers – Modify Latest Debit Timestamp – Pop-up [▶ 115]
Instructions	1. Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	 Select one or more payment order(s) whose latest debit timestamp are to be modi- fied.
	 Right-click on the selected item(s) and select the context menu entry 'Modify latest debit timestamp'.
	The 'Cash Transfers – Modify Latest Debit Timestamp – Pop-up' opens showing details of the selected payment order(s).
	4. Fill in the field 'New Latest Debit Timestamp' by entering a timestamp manually or by clicking on the calendar button. The new latest debit timestamp must be later than the earliest debit timestamp and before the cut-off time. The new latest debit timestamp must be later than the current system time.
	5. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
	The user returns to the 'Cash Transfers – List Screen'. The notification area shows whether the submission of the data has been completed.
•	Alternative navigation
	The 'Cash Transfers – Modify Latest Debit Timestamp – Pop-up' can also be reached via context menu on the 'Cash Transfers – Details Screen' by clicking on the context menu entry 'Modify Latest Debit Timestamp'.
•	Deleting the latest debit timestamp
	The 'Cash Transfers – Modify Latest Debit Timestamp – Pop-up' offers the possibility to delete the current latest debit timestamp by clicking on the 'Delete Latest Debit Timestamp' button.
	6.1.5 Release cash transfer order of blocked party
Context of	This use case describes how to release blocked cash transfer orders.



	der(s).
	 Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to confirm the release of the cash transfer order(s).
	A related task is shown in the notification area and the user returns to the 'Cash Transfers – List Screen'.
0	Disagreement on cash transfer orders
	In order to disagree on cash transfer orders, complete this use case while selecting the context menu entry 'Disagree' in the third step.
	6.1.6 Manual reverse booking
Context of Usage	This use case describes how to reverse one or more booking(s) manually.
	This function is only available for liquidity transfer orders to T2S/TIPS/RTGS with the status 'Settled' or 'Partially Settled'.
	In order to reverse booking(s) to T2S, the credit account type has to be 'T2S DCA', 'T2S CB account' or 'CLM dedicated transit account for T2S' for the selected liquidity transfer(s).
	In order to reverse booking(s) to TIPS, the credit account type has to be 'TIPS Account' and 'TIPS AS Technical Account' for the selected liquidity transfer(s).

Releasing cash transfer orders is only possible for cash transfer orders which are earmarked due to the blocking of a party or an account. Additionally, the value date of the cash transfer order has to be the current business day.

This function is only available for operators and central bank users (only central bank related to the blocked party or blocked account).

Privileges To carry out this use case, the following privilege is needed:

> CLM_Ag/DisagCashTrans Т

References Further information on screens involved can be found in the screen reference part:

- I Cash Transfers – Query Screen [▶ 76]
- Cash Transfers List Screen [▶ 94] I
- Instructions 1. Complete the use case for Query/List cash transfers. [> 480]
 - 2. Select one or more cash transfer order(s) that are to be released.
 - 3. Right-click on the selected item(s) and select the context menu entry 'Agree'.
 - A confirmation pop-up opens showing details of the selected cash transfer or.

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	In order to reverse booking(s) to RTGS, the credit account type has to be 'RTGS DCA', 'RTGS CB account', 'RTGS sub-account' or 'CLM dedicated transit account for RTGS' for the selected liquidity transfer(s).
	When performing this function it is advisable to check the status of the business case in all services involved in the transaction, e.g. manual reversal booking TIPS to be checked also in TIPS.
	This function is only available for operators and the Transit Account Holder of the specific currency.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_ManReversalBook
References	Further information on screens involved can be found in the screen reference part:
	I <u>Cash Transfers – List Screen</u> [▶ 94]
	I <u>Cash Transfers – Manual Reversal Booking T2S – Pop-up</u> [▶ 118]
	I Cash Transfers – Manual Reversal Booking TIPS – Pop-up [▶ 120]
	I Cash Transfers – Manual Reversal Booking RTGS – Pop-up [▶ 123]
Instructions	1. Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	2. Select one or more liquidity transfer(s) that are to be reversed manually.
	 Right-click on the selected item(s) and select the context menu entry 'Reverse Book- ing T2S'/'Reverse Booking TIPS'/'Reverse Booking RTGS' depending on the type of account involved in the liquidity transfer(s).
	The 'Cash Transfers – Manual Reversal Booking T2S – Pop-up', 'Cash Transfers – Manual Reversal Booking TIPS – Pop-up' or the 'Cash Transfers – Manual Re- versal Booking RTGS – Pop-up' opens showing details of the selected liquidity transfer(s).
	4. Specify if an error code is to be provided in the field 'Reversal Booking' by selecting 'With T2S Error Code'/'Without T2S Error Code', 'With TIPS Error Code'/'Without TIPS Error Code' or 'With RTGS Error Code'/'Without RTGS Error Code' respectively.
	 In case an error code is to be provided, enter or select the respective error code in the field 'T2S Error Code'/'TIPS Error Code'/'RTGS Error Code'.
	6. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
	The user returns to the 'Cash Transfers – List Screen'. The notification area shows whether the submission of the data has been completed.
•	Alternative navigation

The 'Cash Transfers – Manual Reversal Booking T2S – Pop-up', 'Cash Transfers – Manual Reversal Booking TIPS – Pop-up' or the 'Cash Transfers – Manual Reversal



	Booking RTGS – Pop-up' can also be reached via context menu on the 'Cash Transfers – Details Screen' by clicking on the context menu entry 'Reverse Booking T2S'/'Reverse Booking TIPS'/'Reverse Booking RTGS' respectively.
	6.1.7 Query files
Context of Usage	This use case describes how to query incoming files and view their content based on the selected filter criteria.
	The user can enter the relevant attribute values of the files whose attributes are to be displayed.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryFile
References	Further information on screens involved can be found in the screen reference part:
	I <u>Files – Query Screen</u> [▶ 126]
	I <u>Files – List Screen</u> [▶ 128]
	I <u>Files – Details Screen</u> [▶ 130]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Cash Transfers and Messages' and click on the sub- menu entry 'Query Files'.
	3. Enter all known attribute values of the files that are to be queried.
	4. Click on the 'Submit' button.
	The 'Files – List Screen' opens. The list shows all files matching the entered search criteria.
•	Adjusting the search criteria
	If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.
0	Details of a file

Details of a file

The context menu entry 'Details' on the 'Files - List Screen' redirects the user to the 'Files – Details Screen' displaying detailed information related to the selected file.



6.1.8 Query messages

Context ofThis use case describes how to query incoming and outgoing messages and view theUsageresult list based on the selected filter criteria.

Querying messages gives profound information with regard to cash transfers, business cases and AS batches as messages are a constitutive element of these.

The user can enter the relevant attribute values of the payments whose attributes are to be displayed. Alternatively, the user can start the search for messages by selecting a relevant cash transfer.

- **Privileges** To carry out this use case, the following privilege is needed:
 - I CLM_QueryMsg

References Further information on screens involved can be found in the screen reference part:

- I <u>Messages Query Screen</u> [▶ 133]
- I <u>Messages List Screen</u> [▶ 141]
- I Cash Transfers List Screen [▶ 94]
- I <u>Cash Transfers Details Screen</u> [> 109]
- I <u>Business Cases List Screen</u> [▶ 161]

Instructions

1. Click on the menu button.

- 2. Select the main menu entry 'Cash Transfers and Messages' and click on the submenu entry 'Query Messages'.
- 3. Enter all known attribute values of the messages that are to be queried.
- 4. Optionally, specify the sorting criterion, the sorting order and the selection of columns for the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Business Case ID' in ascending order with selection of all columns for the result list.
- 5. Click on the 'Submit' button.
- The 'Messages List Screen' opens. The list shows all messages matching the entered search criteria.

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Alternative navigation

The 'Messages – List Screen' can also be reached via context menu on screens that contain entries related to messages by clicking on the context menu entry 'Display Message'.



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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.1.9 Display message

Context ofThis use case describes how to query messages and view detailed information on aUsageselected message.

Querying messages gives profound information with regard to cash transfers and business cases as messages are a constitutive element of these.

Messages can be queried by entering attribute values with regard to the relevant messages. Alternatively, the search for messages can be started by selecting a relevant cash transfer or business case.

Privileges To carry out this use case, the following privileges are needed:

I CLM_MsgDetailQuery

References Further information on screens involved can be found in the screen reference part:

- I <u>Messages Query Screen</u> [▶ 133]
- I <u>Messages List Screen</u> [▶ 141]
- I <u>Messages Details Screen</u> [▶ 146]

Instructions 1. Click on the menu button.

- Select the main menu entry 'Cash Transfers and Messages' and click on the submenu entry 'Query Messages'.
- 3. Enter all known attribute values of the messages that are to be queried.
- 4. Optionally, specify the sorting criterion, the sorting order and the selection of columns for the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Business Case ID' in ascending order with selection of all columns for the result list.
- 5. Click on the 'Submit' button.
 - The 'Messages List Screen' opens. The list shows all messages matching the entered search criteria.
- 6. Right-click on a message and select the context menu entry 'Details'.
- The 'Messages Details Screen' opens. General information with regard to the selected message as well as validation errors, parameters of the ESMIG communication and the XML message in the original format are displayed.

Alternative navigation

The 'Messages – List Screen' can also be reached via context menu on screens that contain entries related to messages by clicking on the context menu entry 'Display Message'.

9	Adjusting the search criteria
	If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.
	6.1.10 Simulate receipt
Context of Usage	This use case describes how to simulate a receipt (camt.025) for a pull liquidity transfer from either CLM to RTGS, CLM to T2S or CLM to TIPS. This can either be a positive or a negative receipt. It can be used to finalise open business cases in case the camt.025 has not arrived in CLM due to a disturbance situation.
	This function is only available for the Transit Account Holder of the specific currency and the operator.
Privileges	To carry out this use case, the following privilege is needed: I CLM_SimReceipt
References	 Further information on screens involved can be found in the screen reference part: I <u>Messages – Simulate Receipt RTGS – Pop-up</u> [▶ 155] I <u>Messages – Simulate Receipt T2S – Pop-up</u> [▶ 149] I <u>Messages – Simulate Receipt TIPS – Pop-up</u> [▶ 152]
Instructions	 Complete the use case for <u>Query messages</u> [▶ 489] or <u>Display message</u> [▶ 490]. In order to simulate a receipt, right-click on the message and select the context menu entry 'Simulate Receipt RTGS'/'Simulate Receipt T2S'/'Simulate Receipt TIPS'. The 'Messages – Simulate Receipt RTGS – Pop-up'/'Messages – Simulate Receipt T2S – Pop-up'/'Messages – Simulate Receipt TIPS – Pop-up' opens.
	 Select one option for the field 'Simulate Receipt RTGS'/'Simulate Receipt T2S'/'Simulate Receipt TIPS'.
	 Depending on the used option, select one value either in the field 'RTGS Error Code'/'T2S Error Code'/'TIPS Error Code' (negative receipt) or in 'Status Code' (posi- tive receipt).

5. Click on the 'Submit' button.

⇒ A confirmation pop-up opens asking the user if he wants to proceed.

	 Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to either create a task for simulation of a camt.025 (2-eyes mode) or create a task to be confirmed by another user (4-eyes mode). Moreover the user returns to the previous 'Messages – List Screen'/'Messages – Details Screen'. By clicking on the 'No' button, the user returns to the previous 'Messages – Simulate Receipt RTGS – Pop-up'/'Messages – Simulate Receipt TIPS – Pop-up' screen without creating any task.
	6.1.11 Simulate a positive receipt
Context of Usage	This use case describes how to simulate positive receipts (camt.025) in order to finalise open business cases. The action is only possible for liquidity transfers to T2S/TIPS/RTGS with settlement status 'Settled' or 'Partially Settled' and with specific credit account types. This function is only available for the Transit Account Holder of the specific currency and
	the operators.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_SimReceipt
References	Further information on screens involved can be found in the screen reference part:
	I <u>Cash Transfers – List Screen</u> [▶ 94]
	I <u>Cash Transfers – Details Screen</u> [▶ 109]
Instructions	1. Complete the use case for <u>Query/List cash transfers</u> [▶ 480].
	2. In order to simulate a positive receipt, right-click on the selected item(s) and select the context menu entry 'Simulate Positive Receipt T2S'/'Simulate Positive Receipt TIPS'/'Simulate Positive Receipt RTGS' depending on the account type and settle- ment status of the selected liquidity transfer(s).
	\Rightarrow A confirmation pop-up opens asking the user if he wants to proceed.
	 Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to ei- ther create a task for a positive camt.025 (2-eyes mode) or create a task to be con- firmed by another user (4-eyes mode). The user returns to the 'Cash Transfers – List Screen'.
	 By clicking on the 'No' button, the user returns to the 'Cash Transfers – List Screen' without creating any task.
	6.1.12 List business life cycle events for cash transfers (orders)
Context of Usage	This use case describes how to query business cases and view the result list based on the selected filter criteria.



Business cases can be queried by entering attribute values with regard to the relevant business cases. **Privileges** To carry out this use case, the following privilege is needed: CLM_QueryBC References Further information on screens involved can be found in the screen reference part: Business Cases – Query Screen [> 158] L Business Cases – List Screen [▶ 161] L Instructions 1. Click on the menu button. 2. Select the main menu entry 'Cash Transfers and Messages' and click on the submenu entry 'Query Business Cases'. 3. Enter the relevant attribute values of the business cases that are to be displayed. 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Entry Timestamp' in descending order. 5. Click on the 'Submit' button. The 'Business Cases – List Screen' opens. The list shows all business cases matching the entered search criteria. Ω Alternative navigation The 'Business Cases – List Screen' can also be reached via context menu on screens that contain entries related to business cases by clicking on the context menu entry 'Display Business Case'. Adjusting the search criteria If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.1.13 List account postings

Context ofThis use case describes how to query account postings and view the result list based onUsagethe selected filter criteria.

The result list shows the starting balance and the current balance along with all account postings of an account matching the defined criteria.

Privileges To carry out this use case, the following privilege is needed:



	I CLM_QueryCashTrans
References	Further information on screens involved can be found in the screen reference part:
	I <u>Account Postings – Query Screen</u> [▶ 163]
	I <u>Account Postings – List Screen</u> [▶ 167]
	I <u>Cash Transfers – List Screen</u> [▶ 94]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Cash Transfers and Messages' and click on the sub- menu entry 'Query Account Postings'.
	 If the user has more than one account, select the account BIC and account number for which the account postings are to be queried.
	 Optionally, restrict the result list to account postings within a specific timeframe using the fields 'Timestamp From' and 'Timestamp To'.
	 Optionally, specify the sorting criterion and the sorting order in the section 'Output Pa- rameters'. If no output parameters are specified, the result list will be sorted by 'Cal- endar Date' in ascending order.
	6. Click on the 'Submit' button.
	The 'Account Postings – List Screen' opens. The list shows the starting balance and the current balance of the selected account in the section 'Balance' and a list of all account postings matching the entered search criteria in the section 'List of Account Postings'.
0	Adjusting the search criteria
	If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.
•	Display cash transfer of account posting
	By right-clicking on a specific account posting in the result list, the context menu entry 'Display Cash Transfers' can be selected. This opens the 'Cash Transfers – List Screen' showing the cash transfers of the selected account posting.
	6.1.14 Download statement of account
Context of Usage	This use case describes how to query an account statement and download the result list based on the selected filter criteria.



	U2A only parties are able to query statement of accounts for the previous ten business days while A2A parties are only able to query the statement of account for the last day.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryAccStat
References	Further information on screens involved can be found in the screen reference part:
	I <u>Statement of Account – Download Screen</u> [▶ 170]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Cash Transfers and Messages' and click on the sub- menu entry 'Download Statement of Account'.
	 Enter the relevant attribute values of the statement of account that is to be download- ed.
	4. Click on the 'Download' button.
	A confirmation pop-up opens asking the user if he wants to proceed.
	 By clicking on the 'Yes' button, a download window appears and the statement of ac- count can be downloaded as '.pdf' file. The user returns to the 'Statement of Account – Download Screen' with the original default settings.
	 By clicking on the 'No' button, the user is returned to the 'Statement of Account – Download Screen' with the already entered information.
•	Pre-filled account and party information
	If the user has only one single account, the fields 'Account Number' and 'Account BIC' are pre-filled with the account information of the current user. However, if the user is connected to more than one account (e.g. co-manager) both fields are not pre-filled. In this case, the user can enter an account number or account BIC manually or search for it by clicking on the smart-select button and opening the respective reference data screen as a pop-up.
	If the user is associated with exactly one party, the field 'Party BIC' is pre-filled with the BIC of the respective party.
	6.1.15 Enter payment order – pacs.009
Context of Usage	This use case describes how to enter a new credit transfer order between financial institutions.
	After completing this use case, a pacs.009 message for the credit transfer order is submitted.

Privileges To carry out this use case, the following privileges are needed:



- I CLM_IniFinInstCreTra (This privilege is required in order to be able to initiate all payments except for a connected payment.)
- I CLM_IniConpay (This privilege is required in order to be able to initiate a connected payment.)

References Further information on screens involved can be found in the screen reference part:

I <u>Financial Institution Credit Transfer – New Screen</u> [▶ 172]

Instructions

1. Click on the menu button.

- 2. Select the main menu entry 'Cash Transfers and Messages' and click on the submenu entry 'New Financial Institution Credit Transfer'.
- 3. Fill in the mandatory sub-sections of the section 'Business Application Header'.
- 4. Fill in the mandatory sub-sections of the section 'FinancialInstitution Credit Transfer'. These include 'Instructing Agent', 'Debtor', 'Instructed Agent', 'Creditor', 'Interbank Settlement' and 'Payment ID'. Further information on the fields and their requirements can be found in the screen reference part.
- 5. Optionally, fill in the additional sub-sections of the section 'FinancialInstitution Credit Transfer'. These include 'Settlement Time Request', 'Payment Type Information' and 'Remittance Information'. Further information on the fields and their requirements can be found in the screen reference part.
- 6. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The notification area shows whether the submission of the credit transfer order has been completed.

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Initiating a connected payment

In order to initiate a connected payment, the user has to specify the local instrument in the section 'Payment Type Information'. The user has to enter the code CONP followed by an amount that represents the decrease of the credit line. An example is provided in the screen reference part.

6.1.16 Repeat sending

Context of This use case describes how to resend outbound messages without any modification.

Usage The resending function is only available for internal messages with 'Message Direction' 'Outbound', with 'Message Type' camt.050 and camt.025. Moreover, the operator can see and resend camt.019 messages. These messages can only be resent with 'Message Origin/Destination' equal to 'RTGS', 'T2S' or 'TIPS'.

This function is only available for the operators and Transit Account Holders.

Privileges To carry out this use case, the following privilege is needed:



	I CLM_RepeatSending
References	Further information on screens involved can be found in the screen reference part:
	I <u>Messages – List Screen</u> [▶ 141]
	I <u>Messages – Details Screen</u> [▶ 146]
Instructions	1. Complete the use case Query messages.
	 Right-click on one or more message(s) that are to be resent and select the context menu entry 'Repeat Sending'.
	A confirmation pop-up opens asking the user if he wants to proceed.
	 Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO) to ei- ther resend the message(s) (2-eyes mode) or create task(s) to be confirmed by an- other user (4-eyes mode).
	 By clicking on the 'No' button, the user returns to the 'Messages – List Screen' with- out creating any task.
0	Investigating the result of the resending
	To investigate the newly sent message(s) complete the use case Query messages while filtering for the newly sent message(s).
	6.1.17 Upload A2A file or message via U2A
Context of	This use case describes how to upload A2A files or messages in a contingency situation.
Usage	The user can upload an uncompressed UTF-8 text format, within a '.txt' file or an '.xml' file.
	This function can only be used in 4-eyes mode.
	This function is only available for operators and central bank users.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_UploadFileU2AContSit
References	Further information on screens involved can be found in the screen reference part:
	I <u>A2A File or Message – Upload Screen</u> [▶ 188]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Cash Transfer and Messages' and click on the sub-menu entry 'Upload A2A File or Message'.
	 Enter the mandatory attribute values of the file or message that is to be uploaded in the section 'ESMIG Information'.
	4. Click on the '+ Choose' button.



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- \Rightarrow A browser window opens as a pop-up.
- 5. Select a '.txt' or '.xml' file.
- 6. Click on the 'Open' button in the browser pop-up.
 - ⇒ The respective file is shown in the section 'Upload of A2A File or Message'.
- 7. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The notification area shows whether the submission of the data has been completed. In case of successful data submission, the notification area also shows a task ID.

Removing a selected file

The user can remove a selected file by clicking on the 'X' button in the section 'Upload A2A file or message'.

Confirmation of task

This function can only be used in 4-eyes mode. In order to confirm the task created by the initial user, a second user has to re-upload the corresponding file on the <u>Task Queue</u> <u>– Details Screen</u> [▶ 385]. There is a check done by the system that the checksum of both files/messages are the same.

6.2 Liquidity

6.2.1 Display cash account liquidity (one service only)

Context ofThis use case describes how to display the overall liquidity of an account (intra-service)Usageby considering posted cash transfers and pending cash transfer orders to provide a
liquidity projection as well as the current balance of the account.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryAvaLiq

References Further information on screens involved can be found in the screen reference part:

- I <u>CLM Cash Account Liquidity Query Screen</u> [▶ 286]
- I <u>CLM Cash Account Liquidity Display Screen</u> [▶ 288]

Instructions

1. Click on the menu button.

- Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query CLM Cash Account Liquidity'.
- Enter the account number or the account BIC of the account whose liquidity is to be displayed.



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- 4. Click on the 'Submit' button.
- The 'CLM Cash Account Liquidity Display Screen' opens. The screen shows the overall liquidity of an account (intra-service).

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

Co-managed accounts

The user has to enter the account information of one specific co-managed MCA manually on the 'CLM Cash Account Liquidity – Query Screen'. In order to query the liquidity of all MCAs including all co-managed accounts, see use case 'Query and Display cash account liquidity (dashboard)'.

6.2.2 Query and display cash account liquidity (dashboard)

Context ofThis use case describes how to query and display exhaustive liquidity information of all
accounts in all services related to one or more parties ('Account Selection') or a group of
accounts ('Account Monitoring Group' or 'Banking Group'). The result can be viewed by
country, party or service.

Privileges To carry out this use case one of the following privileges is needed:

- I CLM_QueryAvaLiq
- I CLM_QueryLiqBanGroLev (This privilege is only required when requesting information on banking group level.)

References Further information on screens involved can be found in the screen reference part:

- I <u>Dashboard Liquidity Overview Query Screen</u> [▶ 191]
- I Dashboard Liquidity Overview Account Selection List View Display Screen [246]
- I Dashboard Liquidity Overview AMG Selection List View Display Screen [▶ 272]
- I <u>Available Liquidity on Banking Group Level List Screen</u> [▶ 277]
- I <u>Detailed Available Liquidity on Banking Group Level List Screen</u> [281]
- I <u>Dashboard Liquidity Overview Account Selection grouped by Countries Display</u> <u>Screen</u> [▶ 200]
- I <u>Dashboard Liquidity Overview Account Selection grouped by Parties Display</u> <u>Screen</u> [▶ 216]



- I <u>Dashboard Liquidity Overview Account Selection grouped by Services Display</u> <u>Screen</u> [▶ 231]
- I <u>Dashboard Liquidity Overview AMG Selection grouped by Countries Display</u> <u>Screen</u> [▶ 251]
- Dashboard Liquidity Overview AMG Selection grouped by Parties Display Screen
 [> 258]
- I <u>Dashboard Liquidity Overview AMG Selection grouped by Services Display</u> <u>Screen</u> [▶ 265]

Instructions

- 1. Click on the menu button.
- 2. Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query Dashboard Liquidity Overview'.
- **3.** Select the field 'Query Content' and click on one of the three available options ('Account Selection', 'Account Monitoring Group' or 'Banking Group').
- Enter or select specific account information (e.g. account number, Account Monitoring Group ID, Banking Group ID) that are to be queried.
- Select specific values for the output parameters in 'Style Selection', 'Sort by', 'Sort Order' or 'Grouped by' or use the given default values.
- Click on the 'Submit' button. Depending on the chosen options above one of the following screens opens:
 - ⇒ 'Dashboard Liquidity Overview Account Selection List View Display Screen'
 - ⇒ 'Dashboard Liquidity Overview AMG Selection List View Display Screen'
 - ⇒ 'Available Liquidity on Banking Group List Screen'
 - 'Dashboard Liquidity Overview Account Selection grouped by Countries Display Screen'
 - Dashboard Liquidity Overview Account Selection grouped by Parties Display Screen'
 - 'Dashboard Liquidity Overview Account Selection grouped by Services Display Screen'
 - Dashboard Liquidity Overview AMG Selection grouped by Countries Display Screen'
 - 'Dashboard Liquidity Overview AMG Selection grouped by Parties Display Screen'
 - 'Dashboard Liquidity Overview AMG Selection grouped by Services Display Screen'
- The opened screen shows the liquidity information matching the entered search criteria.

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Navigation to Screen 'Detailed Available Liquidity on Banking Group Level – List Screen'

It can be reached via context menu entry 'Display Details of Available Liquidity on the Banking Group' within the 'Available Liquidity on Banking Group Level – List Screen'.

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Available liquidity information in crisis situation

When the crisis situation was activated by the operator there is more liquidity information available in the 'Detailed Available Liquidity on Banking Group Level – List Screen'. In this case, liquidity information of banking group members belonging to other communities than the central bank user is included.

	6.2.3 Enter current liquidity transfer order
Context of Usage	This use case describes how to enter a liquidity transfer order that can either be intra- service or inter-service depending on the entered account information.
	CLM only allows the creation of a current liquidity transfer order. A standing order liquidity transfer can be created in CRDM.
	This use case also describes how to display the amount of liquidity available on the debit or credit cash account respectively.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_IniImLiquiTrans
References	Further information on screens involved can be found in the screen reference part:
	I <u>Liquidity Transfer – New Screen</u> [▶ 302]
	I <u>Dashboard Liquidity Overview – Query Screen</u> [▶ 191]
	I <u>Standing Facilities – List Screen</u> [▶ 318]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Liquidity' and click on the sub-menu entry 'New Liquidity Transfer'.
	3. Enter the account number of the credit account and the debit account respectively.
	4. Optionally, click on the button 'Display Liquidity' for the debit or credit account in order to display the amount of liquidity available for the respective account. This function is

privilege: CLM_QueryAvaLiq).
⇒ The 'Dashboard Liquidity Overview – Query Screen' opens to query and show the liquidity of the corresponding account.

only available if the user has the rights to see the liquidity on the account (required



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- **5.** Enter the amount that is to be transferred and provide an end-to-end ID for the liquidity transfer order.
- 6. Click on the 'Submit' Button and enter the PIN for digital signature purposes (NRO).
- The notification area shows whether the submission of the liquidity transfer order has been completed.

Alternative navigation

The 'Liquidity Transfer – New Screen' can also be reached via opening the 'CLM Cash Account Liquidity – Display Screen' and clicking on the button 'New Liquidity Transfer', directly transmitting the account number of the respective account. It can also be reached via context menu on the 'Standing Facilities – List Screen' by clicking on the context menu entries related to a new liquidity transfer.

Initiating an overnight deposit or marginal lending on request

It is also possible to initiate an overnight deposit or marginal lending on request ¹⁹² via the 'Liquidity Transfer – New Screen'. In order to do so, see use case <u>Enter overnight</u> <u>deposit</u> [▶ 504] or <u>Enter marginal lending on request</u> [▶ 506] respectively.

6.2.4 List credit lines

Line per Account Holder'.

Context of Usage	This use case describes how to query and list a specific or all credit lines for MCAs within their banking community for a central bank user.
	This use case provides the basis for the execution of the following use case:
	I <u>Create and modify credit line</u> [▶ 503]
Privileges	To carry out this use case, the following privilege is needed:
	I CLMQueryCreLineList
References	Further information on screens involved can be found in the screen reference part:
	I <u>Credit Line per Account Holder – Query Screen</u> [▶ 295]
	I <u>Credit Line per Account Holder – List Screen</u> [▶ 298]
Instructions	1. Click on the menu button.
	2. Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query Credit

¹⁹² Until ECMS go-live



- 3. Enter the relevant attribute values of the credit lines that are to be displayed or leave the fields empty in order to display all credit lines of the MCAs belonging to the community of the central bank user.
- 4. Click on the 'Submit' button.
- The 'Credit Line per Account Holder List Screen' opens. The list shows all credit lines matching the entered criteria.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section ,Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

	6.2.5 Create and modify credit line
Context of Usage	This use case describes how to create or modify credit lines for MCAs within their banking community for a central bank user.
Privileges	To carry out this use case, the following privileges are needed:
	I CLM_QueryCreLineList
	I CLM_IniCreLineupd
References	Further information on screens involved can be found in the screen reference part:
	I <u>Credit Line per Account Holder – Query Screen</u> [▶ 295]
	I <u>Credit Line per Account Holder – List Screen</u> [▶ 298]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query Credit Line per Account Holder'.
	 Enter the relevant attribute values of the credit lines that are to be displayed or leave the fields empty in order to display all credit lines of the MCAs belonging to the com- munity of the central bank user.
	4. Click on the 'Submit' button.
	The 'Credit Line per Account Holder – List Screen' opens. The list shows the credit line related to the specific party/account number or all credit lines of all MCAs belonging to the banking community of the central bank user. It also shows the following field names which enable a user to create or modify one or more credit lines:
	⇒ Fixed Amount Credit Line
	⇒ Delta Amount Credit Line



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- 5. Enter a credit line amount (fixed or delta) for one or more than one MCA.
- 6. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The 'Credit Line per Account Holder List Screen' opens. The list shows the new value of the credit line(s) related to the MCA(s).

Alternative navigation

The 'Credit Line per Account Holder – List Screen' can also be reached via opening the 'CLM Cash Account Liquidity – Query Screen' for a dedicated MCA and clicking on the button 'Create/Modify Credit Line', directly transmitting the MCA information.

Deletion of a credit line

A reduction of the credit line to zero is considered as a deletion of the credit line.

6.2.6 Enter overnight deposit

Context ofThis use case describes how to make an overnight deposit with the respective centralUsagebank of a CLM Account Holder.

In order to make an overnight deposit, a CLM Account Holder can transfer liquidity to its Overnight Deposit Account.

It is possible for the CLM Account Holder to make an overnight deposit until the general cut-off for the use of standing facilities.

As additional information, this use case furthermore describes how to initiate an overnight deposit reverse.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privilege is needed:

I CLM_IniOveDep

References Further information on screens involved can be found in the screen reference part:

- I Liquidity Transfer New Screen [▶ 302]
- I <u>Dashboard Liquidity Overview Query Screen</u> [▶ 191]
- I <u>Standing Facilities List Screen</u> [▶ 318]
- Instructions
- 1. Click on the menu button.
- **2.** Select the main menu entry 'Liquidity' and click on the sub-menu entry 'New Liquidity Transfer'.
- 3. Enter the account number of the debit account. This can be the account number of the linked MCA.

- 4. Enter the account number of the credit account. This has to be the account number of the Overnight Deposit Account owned by the central bank of the respective CLM Account Holder requesting the overnight deposit.
- 5. Optionally, click on the button 'Display Liquidity' for the debit or credit account in order to display the amount of liquidity available for the respective account. This function is only available if the user has the rights to see the liquidity on the account (required privilege: CLM_QueryAvaLiq).
 - ⇒ The 'Dashboard Liquidity Overview Query Screen' opens to query and show the liquidity of the corresponding account.
- 6. Enter the amount that is to be transferred and provide an end-to-end identification for the liquidity transfer order.
- **7.** Click on the 'Submit' Button and enter the PIN for digital signature purposes (NRO) in order to submit the liquidity transfer order.
- ➡ The notification area shows whether the submission of the data has been completed.

Alternative navigation

An overnight deposit can also be initiated via context menu on the 'Standing Facilities – List Screen' by right-clicking on an Overnight Deposit Account or default MCA and clicking on the context menu entry 'New Liquidity Transfer Order to Overnight Deposit Account'. This opens the 'Liquidity Transfer – New Screen' while directly transmitting the corresponding account numbers to the section 'Debit Account' and 'Credit Account'. This navigation option always pre-fills the section 'Debit Account' with the account number of the MCA. If another account number is to be used, overwrite this value.

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Overnight deposit reverse order

In order to initiate an overnight deposit reverse order, enter the account number of the Overnight Deposit Account of the central bank in the section 'Debit Account' and the account number of the default MCA of the CLM Account Holder in the section 'Credit Account' (required privilege: CLM_IniOveDeprev).

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Overnight deposit reverse order – Alternative navigation

An overnight deposit reverse order can also be initiated via context menu on the 'Standing Facilities – List Screen' by right-clicking on an Overnight Deposit Account or default MCA and clicking on the context menu entry 'New Liquidity Transfer Order from Overnight Deposit Account'. The 'Liquidity Transfer – New Screen' opens while directly transmitting the corresponding account numbers to the section 'Debit Account' and 'Credit Account'.



6.2.7 Enter marginal lending on request

Context ofThis use case describes how a central bank user can enter a liquidity transfer from aUsageMarginal Lending Account to an MCA in order for a CLM Account Holder to obtain
overnight liquidity from the central bank. 193

It is possible for the CLM Account Holder to request marginal lending at its central bank until the general cut-off for the use of standing facilities.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privilege is needed:

I CLM_IniMarLenonreq

References Further information on screens involved can be found in the screen reference part:

- I Liquidity Transfer New Screen [▶ 302]
- I <u>Dashboard Liquidity Overview Query Screen</u> [▶ 191]
- I <u>Standing Facilities List Screen</u> [▶ 318]

Instructions

1. Click on the menu button.

- **2.** Select the main menu entry 'Liquidity' and click on the sub-menu entry 'New Liquidity Transfer'.
- **3.** Enter the account number of the debit account. This has to be the account number of the Marginal Lending Account of the respective CLM Account Holder.
- **4.** Enter the account number of the credit account. This has to be the account number of the MCA of the CLM Account Holder requesting the marginal lending.
- 5. Optionally, click on the button 'Display Liquidity' for the debit or credit account in order to display the amount of liquidity available for the respective account. This function is only available if the user has the rights to see the liquidity on the account (required privilege: CLM_QueryAvaLiq).
 - ⇒ The 'Dashboard Liquidity Overview Query Screen' opens to query and show the liquidity of the corresponding account.
- 6. Enter the amount that is to be transferred and provide an end-to-end identification for the liquidity transfer order.
- **7.** Click on the 'Submit' Button and enter the PIN for digital signature purposes (NRO) in order to submit the liquidity transfer order.
- The notification area shows whether the submission of the data has been completed.

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Alternative navigation

A marginal lending on request can also be initiated via context menu on the 'Standing Facilities – List Screen' by right-clicking on an account and clicking on the context menu entry 'New Liquidity Transfer Order from Marginal Lending Account'. This opens the 'Liquidity Transfer – New Screen' while directly transmitting the corresponding account numbers to the section 'Debit Account' and 'Credit Account' respectively. ¹⁹⁴

6.3 Liquidity Management Features

6.3.1 Query reservations

Context of Usage	This use case describes how to query reservations of a specific MCA.
	Querying reservations allows the user to see the amount of reserved liquidity which is currently available for certain payments.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryCurReservation
References	Further information on screens involved can be found in the screen reference part:
	I <u>Reservations – Query Screen</u> [▶ 309]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Liquidity Management Features' and click on the sub- menu entry 'Query Reservations'.
	 Enter the account number or the account BIC of the account whose reservations are to be displayed.
	4. Click on the 'Submit' button.
	The query is performed with the entered search criteria.
	6.3.2 Display reservations
Context of	This use case describes how to display reservations of a specific MCA.
Usage	This use case provides the basis for the execution of the following use cases:
	I Enter current reservation [▶ 508]
	I <u>Modify current reservation</u> [▶ 509]
Privileges	To carry out this use case, the following privilege is needed:

¹⁹⁴ Until ECMS go-live



	I CLM_QueryCurReservation
References	Further information on screens involved can be found in the screen reference part:
	I <u>Reservations – Query Screen</u> [▶ 309]
	I <u>Reservations – Display Screen</u> [▶ 312]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Liquidity Management Features' and click on the sub- menu entry 'Query Reservations'.
	 Enter the account number or the account BIC of the account whose reservations are to be displayed.
	4. Click on the 'Submit' button.
	The 'Reservations – Display Screen' opens. The current reservations for central bank operations and the current reservations for seizure of funds are displayed. The field 'New Reservation Amount' of the respective reservation offers the possibility to modify the current reservation or to enter a current reservation.
0	Adjusting the search criteria
	If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.
	6.3.3 Enter current reservation
Context of Usage	This use case describes how to enter a reservation with immediate effect for central bank operations or a reservation for seizure of funds.
	The entered reservation for central bank operations is only valid for the current business day.
	The amount of the reservation for central bank operations 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. Modifications done on reservations for central bank operations in CLM are only valid for the current business day.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_ModifyCurReservation
References	Further information on screens involved can be found in the screen reference part:
	I <u>Reservations – Display Screen</u> [▶ 312]
Instructions	1. Complete the use case for <u>Display reservations</u> [▶ 507].



- In order to enter a reservation for central bank operations, use the section 'Reservation for Central Bank Operations'. In order to enter a reservation for seizure of funds, use the section 'Reservation for Seizure of Funds'.
- **3.** Enter an amount that is supposed to be the reservation amount in the field 'New Reservation Amount' of the respective section.
- 4. Click on the 'Submit' button.
 - In case the user entered a reservation for central bank operations, a confirmation pop-up opens displaying the information 'Modifications of Reservation for Central Bank Operations done in CLM are only valid for today'. It requires the user to approve the modification by clicking on the 'Ok' button and entering the PIN for digital signature purposes (NRO).
 - ⇒ In case the user entered a reservation for seizure of funds, a related task is directly created after entering the PIN for digital signature purposes (NRO).
- The user returns to the 'Reservations Display Screen'. As soon as the related task is processed successfully the respective reservation is updated immediately.

Entering an amount for both reservation types

If the user enters an amount for both a reservation for central bank operations and a reservation for seizure of funds simultaneously, the confirmation pop-up also opens.

6.3.4 Modify current reservation

Context ofThis use case describes how to modify a current reservation. A reservation can beUsageincreased, decreased or set to zero. A modified reservation for central bank operations is
only valid for the current business day.

The amount of the reservation for central bank operations 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. Modifications done on reservations for central bank operations in CLM are only valid for the current business day.

Privileges To carry out this use case, the following privileges are needed:

- I CLM_ModifyCurReservation
- I CLM_ModSeizofFun
- **References** Further information on screens involved can be found in the screen reference part:
 - I <u>Reservations Display Screen</u> [▶ 312]
- **Instructions 1.** Complete the use case for <u>Display reservations</u> [▶ 507].

- In order to modify a reservation for central bank operations, use the section 'Reservation for Central Bank Operations'. In order to modify a reservation for seizure of funds, use the section 'Reservation for Seizure of Funds'.
- 3. Enter an amount that is supposed to be the new reservation amount in the field 'New Reservation Amount' of the respective section. The entered amount can be higher than the defined reservation amount in order to increase the reservation or lower than the defined reservation amount in order to decrease the reservation. The entered amount can also be '0.00' in order to set the reservation amount to zero.
- 4. Click on the 'Submit' button.
 - In case the user entered a reservation for central bank operations, a confirmation pop-up opens displaying the information 'Modifications of Reservation for Central Bank Operations done in CLM are only valid for today'. It requires the user to approve the modification by clicking on the 'Ok' button and entering the PIN for digital signature purposes (NRO).
 - ➡ In case the user entered a reservation for seizure of funds, a related task is directly created after entering the PIN for digital signature purposes (NRO).
- The user returns to the 'Reservations Display Screen'. As soon as the related task is processed successfully the respective reservation is updated immediately.

Entering an amount for both reservation types

If the user enters an amount for both a reservation for central bank operations and a reservation for seizure of funds simultaneously, the confirmation pop-up also opens.

6.4 Query Standing Facilities

6.4.1 Display standing facilities

Context of Usage	This use case describes how to query standing facilities balances and corresponding cash transfers and view the result list based on the selected filter criteria.
	This use case is only relevant for users with party operating in EUR.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryStaFac
References	Further information on screens involved can be found in the screen reference part:
	I <u>Standing Facilities – Query Screen</u> [▶ 317]
	I <u>Standing Facilities – List Screen</u> [▶ 318]
	I <u>Cash Transfers – List Screen</u> [▶ 94]

Instructions

- 1. Click on the menu button and select the main menu entry 'Query Standing Facilities'.
- 2. Enter the relevant attribute values of the party whose standing facilities are to be displayed.
- **3.** Click on the 'Submit' button.
 - ⇒ The 'Standing Facilities List Screen' opens. The list shows the standing facilities information of the party matching the entered search criteria.

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Display Cash Transfers

The context menu entry 'Display Cash Transfers' redirects the user to the 'Cash Transfers – List Screen' displaying the corresponding cash transfers of the selected account (required privilege: CLM_QueryCashTrans).

6.5 Minimum Reserves

6.5.1 Display minimum re	serve requirements an	d fulfilments per MFI
		•

Context of Usage	This use case describes how to query information related to minimum reserve. Such information is:
g-	I Start and end date of the current maintenance period
	I Minimum reserve requirement
	I Excess reserve exemption threshold
	I Minimum reserve balances (e.g. running average, adjustment balance, excess re- serve exemption balance, excess reserve remuneration balance)
	I Account balances related to accounts throughout the services (e.g. RTGS DCA, TIPS Account) but belonging to the respective party BIC
	This use case is only relevant for users with party operating in EUR.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryMinRes
References	Further information on screens involved can be found in the screen reference part:
	I <u>Minimum Reserve – Query Screen</u> [▶ 322]
	I <u>Minimum Reserve (Direct) – List Screen</u> [▶ 324]
	I <u>Minimum Reserve (Indirect) – List Screen</u> [▶ 328]
	I <u>Minimum Reserve (Pool) – List Screen</u> [▶ 329]
	I Minimum Reserve (Pool of Account Party Level) – List Screen [▶ 333]

Instructions

- 1. Click on the menu button.
- **2.** Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve'.
- **3.** Enter the relevant attribute values of the party whose minimum reserves are to be displayed.
- 4. Click on the 'Submit' button.
 - Depending on the chosen party and their kind of minimum reserve holding one of the following screens opens:
 - ⇒ 'Minimum Reserve (Direct) List Screen'
 - ⇒ 'Minimum Reserve (Indirect) List Screen'
 - ⇒ 'Minimum Reserve (Pool) List Screen'
- The respective list screen opens. The list shows the minimum reserve information of the party matching the entered search criteria.

6.5.2 Display aggregated MFI liquidity (indirect management)

Context of	This use case describes how to display the aggregated minimum reserve requirement in	
Usage	case of indirect minimum reserve management.	
	By completing this use case, the user can retrieve information on:	
	I The dates of the current maintenance period	
	I The minimum reserve requirement of the individual institution(s) holding the re- quirement indirectly	
	I The aggregated minimum reserve requirement of the intermediary and the institu- tion(s) holding the requirement indirectly	
	This use case is only relevant for users with party operating in EUR.	
Privileges	To carry out this use case, the following privilege is needed:	
	I CLM_QueryMinRes	
References	Further information on screens involved can be found in the screen reference part:	
	I <u>Minimum Reserve – Query Screen</u> [▶ 322]	
	I <u>Minimum Reserve (Direct) – List Screen</u> [▶ 324]	
	I <u>Minimum Reserve (Indirect) – List Screen</u> [▶ 328]	
Instructions	1. Click on the menu button.	
	 Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve'. 	



- 3. Enter the relevant party BIC of the indirect holder of the minimum reserve whose minimum reserves are to be displayed.
- 4. Click on the 'Submit' button.
- The 'Minimum Reserve (Indirect) List Screen' opens. The section 'Minimum Reserve' shows the dates of the current maintenance period and the divider 'Related Parties holding their Minimum Reserve Requirement Indirectly' lists the minimum reserve requirement of the individual institutions as well as the aggregated minimum reserve requirement as a sum row.

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Alternative navigation

The 'Minimum Reserve (Indirect) – List Screen' can also be reached via opening the 'Minimum Reserve (Direct) – List Screen' by searching for the corresponding direct holder of the minimum reserve and clicking on the button 'Display Minimum Reserves of Indirects'. This directly transmits the corresponding Party BIC as Leading CLM Account Holder.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.5.3 Display aggregated MFI liquidity

Context ofThis use case describes how to display the aggregated liquidity of an MFI and of the cashUsageaccounts contributing to the minimum reserve requirement of this MFI belonging to a
minimum reserve pool.

By completing this use case, the user can retrieve information on:

- I The dates of the current maintenance period
- I The minimum reserve requirement of the MFI
- I The running average of the MFI
- I The adjustment balance of the MFI
- I The current balances of the individual accounts contributing to the minimum reserve requirement as well as the aggregated liquidity of all contributing accounts
- I The total EoD balances of the previous business day of the individual accounts contributing to the minimum reserve requirement as well as the aggregated liquidity of all contributing accounts



This use case also describes how to retrieve minimum reserve information on account level. This use case is only relevant for users with party operating in EUR. Privileges To carry out this use case, the following privilege is needed: CLM_QueryMinRes Т References Further information on screens involved can be found in the screen reference part: Minimum Reserve – Query Screen [▶ 322] I L Minimum Reserve (Pool) – List Screen [▶ 329] Minimum Reserve (Pool of Account Party Level) – List Screen [▶ 333] L Instructions 1. Click on the menu button. 2. Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve'.

- **3.** Enter the relevant BIC of the leading CLM Account Holder belonging to a minimum reserve pool in order to display its minimum reserves.
- 4. Click on the 'Submit' button.
- The 'Minimum Reserve (Pool) List Screen' opens. The section 'Pool of Account Information' shows the dates of the current maintenance period, the minimum reserve requirement and the excess reserve exemption threshold. The section 'Fulfilment of Minimum Reserve' shows the running average and adjustment balance. The section 'List of Account Balances' lists the balances of the individual accounts contributing to the minimum reserve requirement as well as the aggregated liquidity of all accounts as a sum row.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

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Displaying minimum reserve information on account level related to a party belonging to a minimum reserve pool

The leading CLM Account Holder can view all minimum reserve information on account level related to the parties which belong to a minimum reserve pool. This is possible by right-clicking on a listed account in the section 'Results – List of Account Balances' and selecting the context menu entry 'Display Minimum Reserves of pooled MFI Leader and Member'. This opens the 'Minimum Reserve (Pool of Account Party Level) – List Screen'.



6.5.4 Query minimum reserve infringement penalty payment

Context of Usage	This use case describes how central bank users can query the infringements of the community.	
	This use case is only relevant for users with party operating in EUR.	
Privileges	To carry out this use case, the following privilege is needed:	
	I CLM_QueryMinResInf	
References	Further information on screens involved can be found in the screen reference part:	
	I <u>Minimum Reserve Infringements – Query Screen</u> [▶ 345]	
Instructions	1. Click on the menu button.	
	 Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve Infringements'. 	
	3. Enter the relevant attribute values of the minimum reserve infringements that are to be displayed. Enter the relevant party BIC of the party whose information is to be displayed or leave the field empty in order to display all parties belonging to the community of the central bank user.	
	4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.	
	5. Click on the 'Submit' button.	
	The query is performed with the entered search criteria.	
	6.5.5 Display minimum reserve infringement penalty payment	
Context of Usage	This use case describes how central bank users can display minimum reserve infringement penalty payments.	
	This use case provides the basis for the execution of the following use case:	
	I <u>Authorise/cancel minimum reserve infringement penalty payment</u> [▶ 516]	
	This use case is only relevant for users with party operating in EUR.	
Privileges	To carry out this use case, the following privilege is needed:	
	I CLM_QueryMinResInf	
References	Further information on screens involved can be found in the screen reference part:	
	I <u>Minimum Reserve Infringements – Query Screen</u> [▶ 345]	
	I <u>Minimum Reserve Infringements – List Screen</u> [▶ 349]	

Instructions

- 1. Click on the menu button.
- Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve Infringements'.
- 3. Enter the relevant attribute values of the minimum reserve infringements that are to be displayed. Enter the relevant party BIC of the party whose information is to be displayed or leave the field empty in order to display all parties belonging to the community of the central bank user.
- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- **5.** Click on the 'Submit' button.
- The 'Minimum Reserve Infringements List Screen' opens. The list shows all minimum reserve infringements matching the entered search criteria. The list also provides information on the penalty status and the penalty amount of the respective infringement(s).

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.5.6 Authorise/cancel minimum reserve infringement penalty payment

Context ofThis use case describes how central bank users can authorise or cancel the penaltyUsagepayment for the infringement of the minimum reserve by a party.

The user can choose between authorisation with penalty type 1, authorisation with penalty type 2 or cancellation of a penalty payment.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privileges are needed:

- I CLM_QueryMinResInf
- I CLM_AdmMinResPen

References Further information on screens involved can be found in the screen reference part:

- I <u>Minimum Reserve Infringements List Screen</u> [▶ 349]
- I <u>Minimum Reserve Infringements Administrate Minimum Reserve Penalty Order –</u> <u>Pop-up</u> [▶ 351]

Instructions

 Complete the use case for <u>Display minimum reserve infringement penalty payment</u> [▶ 515].

- **2.** Right-click on a list entry in the section 'List of Minimum Reserve Infringements' and select the context menu entry 'Administrate Minimum Reserve Penalty Order'.
 - The 'Minimum Reserve Infringements Administrate Minimum Reserve Penalty Order – Pop-up' opens showing details of the selected minimum reserve infringement.
- Select the penalty type that is to be used when authorising a penalty payment by utilising the field 'Penalty Status Assignment'. It is possible to choose between 'Authorised Type 1 – Single Infringement' or 'Authorised Type 2 – Multiple Infringement'. The fields 'Penalty Amount Type 1' and 'Penalty Amount Type 2' indicate what the corresponding penalty would be. It is also possible to cancel a penalty payment by selecting the value 'Cancelled'.
- 4. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The user returns to the 'Minimum Reserve Infringements List Screen'. The notification area shows whether the submission of the data has been completed.

6.5.7 Enter/modify minimum reserve requirement

Context ofThis use case describes how central bank users can query the minimum reserveUsagerequirements of their community and how they can modify the queried minimum reserve
requirements.

It also describes how central bank users can set up a new minimum reserve requirement for a specific party.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privileges are needed:

- I CLM_QueryListMinResReq
- I CLM_ModMinResReq

References Further information on screens involved can be found in the screen reference part:

- I <u>Minimum Reserve Requirements Query Screen</u> [▶ 336]
- I <u>Minimum Reserve Requirements List Screen</u> [▶ 338]

Instructions

- 1. Click on the menu button.
- 2. Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve Requirements'.
- 3. Enter the relevant attribute values of the minimum reserve requirements that are to be displayed.

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- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- 5. Click on the 'Submit' button.
 - ⇒ The 'Minimum Reserve Requirements List Screen' opens. The list shows all minimum reserve requirements matching the entered search criteria.
- 6. Enter an amount that is supposed be the new minimum reserve requirement in the field 'New Minimum Reserve Requirement' of the respective list entry. The entered amount has to be greater than or equal to zero and will be used as the new amount for the minimum reserve requirement.
- 7. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- ➡ The notification area shows whether the submission of the data has been completed.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

Setting up a new minimum reserve requirement

The result list also shows party BICs for which no minimum reserve requirement is set up yet. In this case, a minimum reserve requirement can be set up by entering a value in the field 'New Minimum Reserve Requirement'.

6.5.8 Modify minimum reserve fulfilment

Context ofThis use case describes how central bank users can query the minimum reserveUsagefulfilment of a specific party and how they can modify the minimum reserve fulfilment by
making an adjustment to the EoD balance.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privileges are needed:

- I CLM_QueryListMinResFul
- I CLM_ModMinResFul

References Further information on screens involved can be found in the screen reference part:

- I <u>Minimum Reserve Fulfilments Query Screen</u> [▶ 341]
- I <u>Minimum Reserve Fulfilments List Screen</u> [> 342]

Instructions 1. Click on the menu button.

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- 2. Select the main menu entry 'Minimum Reserves' and click on the sub-menu entry 'Query Minimum Reserve Fulfilments'.
- **3.** Enter the party BIC of the party whose minimum reserve fulfilment data is to be displayed.
- 4. Click on the 'Submit' button.
 - The 'Minimum Reserve Fulfilments List Screen' opens. The list shows the minimum reserve fulfilments for the current and each past business day of the current maintenance period.
- 5. Enter a new amount in the field 'New Adjustment EoD' of the respective list entry in order to make an adjustment to the respective EoD balance. It is possible to enter adjustments for multiple business days.
- 6. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The notification area shows whether the submission of the data has been completed. As soon as the related task is processed successfully the entered amount will be the new value for the field 'Current Adjustment EoD'.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.5.9 List minimum reserve requirements and fulfilments on banking community level

Context ofThis use case describes how central bank users can query and display the minimumUsagereserve requirements and fulfilments per party for the whole banking community or for a
single member.

Information regarding the minimum reserve requirement, the running average, the aggregated current balance of all the accounts to be taken into account for the party and the needed adjustment balance can be retrieved.

This use case is only relevant for users with party operating in EUR.

- **Privileges** To carry out this use case, the following privilege is needed:
 - I CLM_QueryMinResAccHol
- **References** Further information on screens involved can be found in the screen reference part:
 - I Minimum Reserve Information per Account Holder Query Screen [472]
 - I Minimum Reserve Information per Account Holder List Screen [475]
- **Instructions 1.** Click on the menu button.



- 2. Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Query Minimum Reserve Information per Account Holder'.
- 3. Enter the relevant party BIC of the member whose information is to be displayed or leave the field empty in order to display all parties belonging to the community of the central bank user.
- **4.** Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- 5. Click on the 'Submit' button.
- The 'Minimum Reserve Information per Account Holder List Screen' opens. The list shows the minimum reserve information of the parties matching the entered search criteria.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.6 Reference Data

6.6.1 Query/List party reference data

Context ofThis use case describes how to query party reference data and view the result list basedUsageon the selected filter criteria.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryLocRefData

References Further information on screens involved can be found in the screen reference part:

- I <u>Party Reference Data Query Screen</u> [▶ 354]
- I <u>Party Reference Data List Screen</u> [▶ 359]

Instructions

- 1. Click on the menu button.
 - Select the main menu entry 'Reference Data' and click on the sub-menu entry 'Query Party Reference Data'.
 - Enter the relevant attribute values of the parties whose reference data is to be displayed.



- 4. Optionally, specify the sorting criterion and the sorting order of the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- 5. Click on the 'Submit' button.
- The 'Party Reference Data List Screen' opens. The list shows the reference data of all parties matching the entered search criteria.

Smart-select function

The 'Party Reference Data – Query Screen' can also occur as a smart-select screen in order to search for cash accounts. By clicking on the smart-select button the 'Party Reference Data – Query Screen' is opened as a pop-up.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

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Parties shown in the result list

Only those parties are shown that are within the data scope of the user.

6.6.2 Query/List cash account reference data

Context ofThis use case describes how to query cash account reference data and view the resultUsagelist based on the selected filter criteria.

Starting from the queried reference data of a cash account, linked sub-accounts, linked RTGS DCAs and linked RTGS CB Accounts can be displayed.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryLocPartyCashAccRefData

References Further information on screens involved can be found in the screen reference part:

- I <u>Cash Account Reference Data Query Screen</u> [▶ 362]
- I Cash Account Reference Data List Screen [366]

Instructions 1. Click on the menu button.

2. Select the main menu entry 'Reference Data' and click on the sub-menu entry 'Query Cash Account Reference Data'.



- **3.** Enter the relevant attribute values of the cash accounts whose reference data is to be displayed.
- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- 5. Click on the 'Submit' button.
- The 'Cash Account Reference Data List Screen' opens. The list shows the reference data of all cash accounts matching the entered search criteria.



Smart-select function

The 'Cash Account Reference Data – Query Screen' can also occur as a smart-select screen in order to search for cash accounts. By clicking on the smart-select button the 'Cash Account Reference Data – Query Screen' is opened as a pop-up.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

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List RTGS DCA, RTGS CB Account or RTGS sub-accounts

The 'Cash Account Reference Data – List Screen' can be updated to show the linked RTGS sub-accounts for RTGS DCAs and RTGS CB Accounts or the linked RTGS DCAs and linked RTGS CB Accounts for RTGS sub-accounts. This can be achieved by clicking on the context menu entries 'Display Sub-Accounts' or 'Display RTGS Accounts' respectively. The context menu entries will only be displayed if the action is possible for the user and the listed cash account.

6.6.3 Query cash account by MFI

Context ofThis use case describes how to query cash accounts by MFI and view the result listUsagebased on the selected filter criteria.

The result list shows Cash Accounts Reference Data by MFI matching the defined criteria.

This use case is only relevant for users with party operating in EUR.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QuerylocrefdatbyMFI

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References	Further information on screens involved can be found in the screen reference part:	
	I Cash Account Reference Data by MFI – Query Screen [▶ 369]	
	I Cash Account Reference Data by MFI – List Screen [▶ 372]	
Instructions	1. Click on the menu button.	
	 Select the main menu entry 'Reference Data' and click on the sub-menu entry 'Query Cash Account Reference Data by MFI'. 	
	3. Enter the relevant MFI code to be queried.	
	4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Pa-	

- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'MFI Code' in ascending order.
- 5. Click on the 'Submit' button.
- The 'Cash Account by MFI List Screen' opens. The list shows the reference data of all cash accounts by MFI matching the entered search criteria.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.6.4 Query BIC

Context of	This use case describes how to search for an account BIC when the user only knows
Usage	parts of the account BIC or the respective financial institution name.

Privileges To carry out this use case there is no specific privilege needed.

References Further information on screens involved can be found in the screen reference part:

- I <u>BICs Query Screen</u> [▶ 373]
- I <u>BICs List Screen</u> [▶ 375]

Instructions 1. Click on the smart-select button for a field that requires the input of a BIC.

- ⇒ The 'BICs Query Screen' opens as a pop-up.
- 2. Enter the relevant attribute values of the BIC(s) which are to be queried.
- Optionally, specify the sorting criterion and the sorting order of the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Financial Institution Name' in ascending order.
- 4. Click on the 'Submit' button.



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- ➡ The 'BICs List Screen' opens. The list shows data of all BICs matching the entered search criteria.
- 5. Select one or more entries in the list by clicking on the checkbox next to the respective entry.
- 6. Click on the 'Select' Button.
- ➡ The field that requires the input of a BIC is filled with the selected account BIC(s).

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.7 Administration

6.7.1 Download migration information

Context ofThis use case is executed during the migration of balances from TARGET2 to CLM and
describes how to download the information which TARGET2 accounts are currently
unmapped and whose balances will be part of the balance of the CLM CB Account
accordingly.

This function is only available for operators and central bank users.

- **Privileges** To carry out this use case, the following privilege is needed:
 - I CLM_DownloadMigInf

References Further information on screens involved can be found in the screen reference part:

I <u>Migration Information – Download Screen</u> [▶ 376]

Instructions

- 1. Click on the menu button.
- **2.** Select the main menu entry 'Administration' and click on the sub-menu entry 'Down-load Migration Information'.
- 3. Click on the 'Download' button.
 - A confirmation pop-up opens asking the user if he wants to download the migration information.
- 4. Click on the 'Yes' button.
- The information regarding the balances of unmapped TARGET2 accounts is downloaded as a '.csv' file.



	6.7.2 Query task queue
Context of Usage	This use case describes how to query tasks and view the result list of tasks based on the selected filter criteria.
	This use case provides the basis for the execution of the following use cases:
	I <u>Confirmation/Withdrawal of 4-eyes task entries</u> [▶ 526]
	I <u>Modify 4 eyes tasks</u> [▶ 527]
Privileges	To carry out this use case, the following privileges are needed:
	I CLM_QueryTaskQueue
	I CLM_QueryTaskQueueDetail
References	Further information on screens involved can be found in the screen reference part:
	I <u>Task Queue – Query Screen</u> [▶ 377]
	I <u>Task Queue – List Screen</u> [▶ 383]
	I <u>Task Queue – Details Screen</u> [▶ 385]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Administration' and click on the sub-menu entry 'Query Task Queue'.
	3. Enter the relevant attribute values of the respective task to be displayed.
	4. Optionally, specify the sorting criterion and the sorting order of the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Entry Timestamp' in descending order.
	5. Click on the 'Submit' button.
	The 'Task Queue – List Screen' opens. The respective list shows all tasks match- ing the entered criteria.
	6. Right-click on a task and select the context menu entry 'Details'.
	The 'Task Queue – Details Screen' opens. Detailed information with regard to the selected task is displayed.
•	Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the list screen.



6.7.3 Confirmation/Withdrawal of 4-eyes task entries

- Context of This use case describes how to confirm or withdraw task entries in 4-eyes mode. The confirmation/withdrawal of a task entry is only possible if the corresponding task has the status 'To Confirm'. For a confirmation, the second user must be different from the first user. The initial and second user are able to withdraw and edit the corresponding task.{CR-143}
- **Privileges** To carry out this use case various privileges can be required, depending on the affected task type. The required privileges are linked to the corresponding screens and the selected 'Task Type' in the 'Task Queue List Screen'.
- **References** Further information on screens and required privileges involved can be found in the screen reference part:
 - I <u>Reservations Display Screen</u> [▶ 312]
 - I <u>Cash Transfers Details Screen</u> [▶ 109]
 - I <u>Minimum Reserve Requirements List Screen</u> [> 338]
 - I <u>Minimum Reserve Fulfilments List Screen</u> [▶ 342]
 - I <u>Minimum Reserve Infringements List Screen</u> [▶ 349]
 - I <u>Credit Line per Account Holder List Screen</u> [▶ 298]

1. Complete the use case for <u>Query task queue</u> [▶ 525].

I <u>Task Queue – Details Screen</u> [> 385]

Instructions

- **2.** In order to confirm the corresponding task, click on the 'Confirm' button. In order to withdraw the corresponding task, click on the 'Withdraw' button.
 - A confirmation pop-up opens displaying the information 'Confirm/Withdraw the Task with ID : #####'.
- 3. Click on the 'Yes' button and enter the PIN for digital signature purposes (NRO).
- The notification area displays the confirmation/withdrawal with the information 'Task ###### successfully confirmed/withdrawn'. The status of the 'Corresponding Task' changes to 'Confirmed'/'Withdrawn'.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the list screen.



Task ID



	The placeholder '#####' used within the instructions stands for a variable task ID that is shown.
	6.7.4 Modify 4 eyes tasks
Context of Usage	This use case describes how to modify task entries in 4-eyes mode. The modification of a task entry is only possible if the corresponding task has been created by an initial user and if the corresponding task has the status 'To Confirm'.
	In case of a modification, technically the original task is withdrawn and a new task with the modified values is created.
Privileges	To carry out this use case, the following privileges are needed:
	I CLM_QueryTaskQueue
	I CLM_QueryTaskQueueDetail
	In order to edit a certain task, the user additionally needs the privilege corresponding to the task type that is to be modified.
References	Further information on screens involved can be found in the screen reference part:
	I <u>Task Queue – Query Screen</u> [▶ 377]
	I <u>Task Queue – List Screen</u> [▶ 383]
	I <u>Task Queue – Details Screen</u> [▶ 385]
Instructions	 Complete the use case for <u>Query task queue</u> [▶ 525] while selecting a task that is to be modified.
	2. In order to modify the corresponding task, click on the 'Edit' button.
	A confirmation pop-up opens displaying the information 'Withdraw the Task with ID : ###### to create a new task'.
	3. Click on the 'Yes' button.
	The original task is withdrawn and the screen corresponding to the task that is to be modified is opened as a pop-up. The fields of this screen are pre-filled with the values of the original task.
	4. Change the values of the original task that is to be modified.
	 Click on the relevant button that the screen corresponding to the task offers in order to submit the modification and enter the PIN for digital signature purposes (NRO).
	The user returns to the 'Task Queue – Details Screen'. The notification area shows whether the submission of the data has been completed.
0	Task ID



The placeholder '#####' used within the instructions stands for a variable task ID that is shown.

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'Edit' button

The screen description of the 'Task Queue – Details Screen' lists which screen will be shown as a pop-up depending on the task type after clicking on the 'Edit' button.

6.7.5 Query broadcasts

Context of Usage	This use case describes how to query sent or received operations-related and system- triggered broadcasts.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryBroadcast
References	Further information on screens involved can be found in the screen reference part:
	I <u>Broadcasts – Query Screen</u> [▶ 394]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Administration' and click on the sub-menu entry 'Query Broadcasts'.
	 Enter the relevant attribute values of the respective broadcasts that are to be dis- played.
	4. Click on the 'Submit' Button.
	The query is performed with the entered search criteria.
	6.7.6 Display broadcast
Context of Usage	This use case describes how to query sent or received operations-related and system- triggered broadcasts and view detailed information on a selected broadcast. It also describes how to retrieve detailed information of a selected broadcast and how to clone a broadcast.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryBroadcast
References	Further information on screens involved can be found in the screen reference part:
	Broadcasts - Ouery Screen [N 39/]

I Broadcasts – Query Screen [▶ 394]

- I Broadcasts List Screen [▶ 398]
- I Broadcast Details Screen [▶ 401]



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I Broadcast – New Screen [▶ 403]

Instructions

1. Click on the menu button.

- Select the main menu entry 'Administration' and click on the sub-menu entry 'Query Broadcasts'.
- 3. Enter the relevant attribute values of the respective broadcasts that are to be displayed.
- 4. Click on the 'Submit' Button.
 - The 'Broadcasts List Screen' opens. A list of broadcasts matching the entered search criteria is displayed.
- 5. In order to view details of a specific broadcast, right-click on the broadcast and select the context menu entry 'Details'.
- The 'Broadcast Details Screen' opens. Detailed information with regard to the selected broadcast is displayed.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the list screen.

Cloning a broadcast

It is possible for a central bank user to clone a broadcast by right-clicking on a specific broadcast and clicking on the context menu entry 'Clone'. This opens the 'Broadcast – New Screen' while directly transmitting the values of the selected broadcast to the respective input fields (required privilege: CLM_NewBroadcast).

6.7.7 Enter broadcast

Context of Usage	This use case describes how to enter and send a broadcast. This function is only available for operators and central bank users.		
Privileges	To carry out this use case, the following privilege is needed: I CLM_NewBroadcast		
References	 Further information on screens involved can be found in the screen reference part: I <u>Broadcasts – List Screen</u> [▶ 398] I <u>Broadcast – Details Screen</u> [▶ 401] 		

I Broadcast – New Screen [▶ 403]

Instructions

- 1. Click on the menu button.
- **2.** Select the main menu entry 'Administration' and click on the sub-menu entry 'New Broadcast'.
- Fill in the mandatory fields in the section 'Broadcast Information' and 'Date-Time Information'.
- Select one or more specific receiver(s) of the broadcast in the section 'Receiver Information'.
- 5. Click on the 'Submit' button and enter the PIN for digital signature purposes (NRO).
- The notification area shows whether the submission of the data has been completed.

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Alternative navigation

The 'Broadcast – New Screen' can also be reached via context menu on the 'Broadcasts – List Screen' or the 'Broadcast – Details Screen'. This can be achieved by selecting a list item and clicking on the context menu entry 'Clone'. This navigation option directly transmits the values of the selected broadcast to the respective input fields in the 'Broadcast – New Screen'. The context menu entry for cloning a broadcast is only visible for central bank users.

6.7.8 Query events

Context ofThis use case describes how to query events concerning the current business day andUsageview the result list of events based on the selected filter criteria.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryListEvents

References Further information on screens involved can be found in the screen reference part:

- I <u>Events Query Screen</u> [▶ 407]
- I <u>Events List Screen</u> [▶ 410]

Instructions

- **1.** Click on the menu button.
 - Select the main menu entry 'Administration' and click on the sub-menu entry 'Query Events'.
 - 3. Enter the relevant attribute values of the respective event(s) that are to be displayed.
 - 4. Optionally, specify the sorting criterion and the sorting order of the result list in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Planned Event Day / Time' in ascending order.
 - 5. Click on the 'Submit' button.



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⇒ The 'Events – List Screen' opens. The respective list shows all events matching the entered criteria.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

6.7.9 Display system parameter

Context of	This use case describes how to display system parameters.		
Usage	This function is only available for operators and central bank users.		
Privileges	To carry out this use case, the following privilege is needed:		
	I CLM_DisplaySysPara		
References	Further information on screens involved can be found in the screen reference part:		
	I General System Parameters – Display Screen [▶ 412]		
Instructions	1. Click on the menu button.		
	 Select the main menu entry 'Administration' and click on the sub-menu entry 'Display General System Parameters'. 		
	The 'General System Parameters – Display Screen' opens. The current values and changes foreseen starting from next business day are displayed.		
	6.8 Monitoring		
	6.8 Monitoring		
	6.8 Monitoring6.8.1 Sum of cash transfer per account holder		
Context of Usage			
	6.8.1 Sum of cash transfer per account holderThis use case describes how to query the numbers and summarized amounts for all payments and liquidity transfers related to one account holder. It is also possible to query		
Usage	6.8.1 Sum of cash transfer per account holder This use case describes how to query the numbers and summarized amounts for all payments and liquidity transfers related to one account holder. It is also possible to query data for all participants belonging to the community of the user.		
Usage	 6.8.1 Sum of cash transfer per account holder This use case describes how to query the numbers and summarized amounts for all payments and liquidity transfers related to one account holder. It is also possible to query data for all participants belonging to the community of the user. To carry out this use case, the following privilege is needed: 		
Usage Privileges	 6.8.1 Sum of cash transfer per account holder This use case describes how to query the numbers and summarized amounts for all payments and liquidity transfers related to one account holder. It is also possible to query data for all participants belonging to the community of the user. To carry out this use case, the following privilege is needed: CLM_QuerySumCashTrans 		
Usage Privileges	 6.8.1 Sum of cash transfer per account holder This use case describes how to query the numbers and summarized amounts for all payments and liquidity transfers related to one account holder. It is also possible to query data for all participants belonging to the community of the user. To carry out this use case, the following privilege is needed: CLM_QuerySumCashTrans Further information on screens involved can be found in the screen reference part: 		

Instructions

- 1. Click on the menu button.
- **2.** Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Query Cash Transfer Totals per Party'.
- **3.** Enter the relevant party BIC(s) of the aggregated account holder information that is to be displayed or leave the field empty in order to display all aggregated account holder information of the parties belonging to the community of the central bank user.
- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in ascending order.
- 5. Click on the 'Submit' button.
- The 'Cash Transfer Totals by Party List Screen' opens. The list shows all aggregated account holder information of all party BICs matching the entered search criteria.

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Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

Display List of Cash Transfer Totals per Account

The context menu entry 'Display List of Cash Transfer Totals per Account' redirects the user to the 'Cash Transfers Totals by Account – List Screen' displaying the aggregated account holder information per account of the selected party.

6.8.2 Warehoused cash transfers

Context ofThis use case describes how to query information related to warehoused payment ordersUsagefor one or more specific party BIC(s) or all parties belonging to the central bank of a
central bank user.

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryWarehoused

References Further information on screens involved can be found in the screen reference part:

- I <u>Warehoused Cash Transfer Query Screen</u> [▶ 459]
- I <u>Warehoused Cash Transfer List Screen</u> [▶ 462]

Instructions 1. Click on the menu button.



- **2.** Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Query Warehoused Cash Transfers'.
- 3. Select the relevant 'Debtor/Instructing Agent*' option and relevant party BIC(s) of the warehoused payment order information that is to be displayed or leave the field empty in order to display all warehoused cash transfer order information of the parties belonging to the community of the central bank user.
- 4. Click on the 'Submit' button.
- The 'Warehoused Cash Transfer List Screen' opens. The list shows all warehoused payment order information of all party BICs matching the entered search criteria.

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Context menu entry 'Details'

The context menu entry 'Details' redirects the user to the 'Cash Transfers – List Screen' displaying the warehoused payment orders per account of the selected party.

Context ofThis use case describes how to query a list of liquidity relevant information related to aUsageparticipant. It is also possible to query data for all participants belonging to the community
of the user.

The account types CB ECB Account ¹⁹⁵, ECB Mirror Account ¹⁹⁶, CLM Technical Account for ECONS II, CLM Dedicated Transit Account for RTGS, CLM Dedicated Transit Account for T2S, CLM Dedicated Transit Account for TIPS, RTGS Dedicated Transit Account, TIPS Transit Account, T2S Dedicated Transit Account, are generally not considered in the result list.

This use case provides the basis for the following use case:

I <u>Available liquidity per account holder</u> [▶ 534]

Privileges To carry out this use case, the following privilege is needed:

I CLM_QueryAvailLiqui

References Further information on screens involved can be found in the screen reference part:

- I <u>Available Liquidity by Party Query Screen</u> [▶ 449]
- I <u>Available Liquidity by Party List Screen</u> [▶ 452]
- I <u>Available Liquidity by Account List Screen</u> [▶ 456]

¹⁹⁵ Account type only relevant for users with party operating in EUR

¹⁹⁶ Account type only relevant for users with party operating in EUR

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Instructions

- 1. Click on the menu button.
- **2.** Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Available Liquidity by Party'.
- 3. Enter the relevant party BIC(s) for displaying liquidity relevant information or leave the field empty in order to display all liquidity relevant information of the parties belonging to the community of the central bank user.
- 4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If no output parameters are specified, the result list will be sorted by 'Party BIC' in descending order.
- 5. Click on the 'Submit' button.
- The 'Available Liquidity by Party List Screen' opens. The list shows all liquidity relevant information of all party BICs matching the entered search criteria.

Adjusting the search criteria

If the search criteria have been entered incorrectly or need to be adjusted, the section 'Search Criteria' can be opened for editing by clicking on the open button in the top left of the screen.

List of Available Liquidity by Accounts

The context menu entry 'List of Available Liquidity by Accounts' redirects the user to the 'Available Liquidity by Account – List Screen' displaying the liquidity relevant information on account level related to the selected party.

6.8.4 Available liquidity per account holder

Context ofThis use case describes how to query a list of liquidity relevant information related to aUsageparticipant. It is also possible to query data for all participants belonging to the community
of the user.

The account types CB ECB Account, ECB Mirror Account, CLM Technical Account for ECONS II, CLM Dedicated Transit Account for RTGS, CLM Dedicated Transit Account for T2S, CLM Dedicated Transit Account for TIPS, RTGS Dedicated Transit Account, TIPS Transit Account, T2S Dedicated Transit Account, are generally not considered in the result list.

Privileges To carry out this use case, the following privilege is needed:

- I CLM_QueryAvailLiqui
- **References** Further information on screens involved can be found in the screen reference part:



Instructions	 Available Liquidity by Party – Query Screen [▶ 449] Available Liquidity by Party – List Screen [▶ 452] Available Liquidity by Account – List Screen [▶ 456] Complete the use case for <u>Available Liquidity on Party Level</u> [▶ 533]. In order to view liquidity relevant information related to accounts belonging to the selected party, right-click on the specific party data set and select the context menu entry 'List of Available Liquidity by Accounts'. The 'Available Liquidity by Account – List Screen' opens. The list shows accounts belonging to the selected party BIC and their respective liquidity relevant information.
	6.8.5 Status overview for cash transfers
Context of Usage	This use case describes how to query aggregated information about the status of cash transfer orders related to participants belonging to the banking community of a central bank user.
Privileges	To carry out this use case, the following privilege is needed:
	I CLM_QueryOverviewCashTrans
References	Further information on screens involved can be found in the screen reference part:
	I Cash Transfer Order Totals by Status – List Screen [▶ 444]
	I Cash Transfer Order Subtotals by Status – List Screen [▶ 448]
Instructions	1. Click on the menu button.
	 Select the main menu entry 'Monitoring' and click on the sub-menu entry 'List of Cash Transfer Totals by Status'.
	The 'Cash Transfer Order Totals by Status – List Screen' opens. The list shows ag- gregated information for all cash transfer orders of the current business day. This in- formation is grouped by cash transfer status related to participants belonging to the banking community of the central bank user.

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Display Cash Transfer Orders Subtotals

The context menu entry 'Display Cash Transfer Orders Subtotals' redirects the user to the 'Cash Transfers Order Subtotals by Status – List Screen' displaying aggregated information for all cash transfer orders of the current business day grouped by message type related to participants belonging to the banking community of the central bank user.



Display Cash Transfers



u entry 'Display Cash Transfers' redirects the user to the 'Cash Trans- ' displaying detailed information on each related cash transfer order. <i>v</i> standing facilities scribes how to query standing facilities information for a specific party belonging to the central bank of a central bank user. nly relevant for users with party operating in EUR. se case, the following privilege is needed: StaFacAccHol In on screens involved can be found in the screen reference part: silities per Account Holder – Query Screen [▶ 467] silities per Account Holder – List Screen [▶ 470] enu button. In menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. <i>v</i> ant party BIC(s) of the standing facilities information that is to be dis- e the field empty in order to display all standing facilities information of
scribes how to query standing facilities information for a specific party belonging to the central bank of a central bank user. Inly relevant for users with party operating in EUR. se case, the following privilege is needed: StaFacAccHol In on screens involved can be found in the screen reference part: Stilities per Account Holder – Query Screen [▶ 467] Stilities per Account Holder – List Screen [▶ 470] enu button. In menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
belonging to the central bank of a central bank user. Inly relevant for users with party operating in EUR. Is case, the following privilege is needed: StaFacAccHol In on screens involved can be found in the screen reference part: Ellities per Account Holder – Query Screen [▶ 467] Ellities per Account Holder – List Screen [▶ 470] enu button. In menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
se case, the following privilege is needed: StaFacAccHol n on screens involved can be found in the screen reference part: <u>cilities per Account Holder – Query Screen</u> [▶ 467] <u>cilities per Account Holder – List Screen</u> [▶ 470] enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
StaFacAccHol n on screens involved can be found in the screen reference part: <u>cilities per Account Holder – Query Screen</u> [▶ 467] <u>cilities per Account Holder – List Screen</u> [▶ 470] enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
n on screens involved can be found in the screen reference part: <u>stilities per Account Holder – Query Screen</u> [▶ 467] <u>stilities per Account Holder – List Screen</u> [▶ 470] enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
<pre>cilities per Account Holder – Query Screen [▶ 467] cilities per Account Holder – List Screen [▶ 470] enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-</pre>
enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
enu button. n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
n menu entry 'Monitoring' and click on the sub-menu entry 'Query ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
ities per Account Holder'. vant party BIC(s) of the standing facilities information that is to be dis-
onging to the community of the central bank user.
ecify the sorting criterion and the sorting order in the section 'Output Pa- o output parameters are specified, the result list will be sorted by 'Party ling order.
ubmit' button.
g Facilities per Account Holder – List Screen' opens. The list shows all ities information of all party BICs matching the entered search criteria.
earch criteria
ria have been entered incorrectly or need to be adjusted, the section can be opened for editing by clicking on the open button in the top left

Context ofThis use case describes how to query aggregated liquidity information on central bankUsagelevel or on system wide level for a central bank user. For the latter a specific privilege for
crisis situation is required.

Privileges	To carry out this use case and depending on the scenario, one of the following privileges is needed:		
	I CLM_QueryLiqonCBLev		
	I CLM_QueryMonCriSit		
References	Further information on screens involved can be found in the screen reference part:		
	I Liquidity on CB Level – Display Screen [▶ 414]		
Instructions	1. Click on the menu button.		
	 Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Display Li- quidity on CB Level'. 		
	The 'Liquidity on CB Level – Display Screen' opens. The list shows aggregated li- quidity information for CLM, RTGS, T2S and TIPS accounts.		
	6.8.8 Reservations and dedicated liquidity		
Context of Usage	This use case describes how to query different types of reservations and the number of standing orders for the current business day. It shows an aggregated view related to all MCAs belonging to participants of the central bank user's community.		
Privileges	To carry out this use case, the following privilege is needed:		
	I CLM_QueryReservationDedLiqui		
References	Further information on screens involved can be found in the screen reference part:		
	I <u>Reservations and Seizure of Funds – List Screen</u> [▶ 465]		
Instructions	1. Click on the menu button.		
	 Select the main menu entry 'Monitoring' and click on the sub-menu entry 'List of Res- ervations and Seizure of Funds'. 		
	The 'Reservations and Seizure of Funds – List Screen' opens. The list shows aggre- gated information for different types of reservations and standing orders related to all MCAs belonging to participants of the central bank user's community.		



7 Annex

7.1 References for Error Messages for GUI Screens

This section includes a list of references for error messages for individual screens which are organised in alphabetical order and specify the respective error codes applicable for each screen. Each error code table entry includes the error text, the description as well as the field or button which can trigger the respective error.

7.1.1 A2A File or Message – Upload Screen

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	 The party of the business sending user must be: I the responsible CB of the party of the indicated Party Technical Address I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this	The business sending user must have the privilege to perform this business function.

For screen description see <u>A2A File or Message – Upload Screen</u> [▶ 188].

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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
		business function	
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U073	I 'Submit' Button I '+ Choose' Button	Maximum message/file size exceeded	The maximum size of the uploaded message/file must not exceed 32 MB.
U074	 I 'Submit' Button Field 'Party Technical Address' I Field 'Business Sign DN' I Field 'Technical Service Identification' 	Missing parameter	 The following parameters are mandatory for this function (in addition to the message/file itself): I technical sender DN I business signature DN I technical service identification
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U120	 I 'Submit' Button I Field 'Party Technical Address' I Field 'Business Sign DN' 	Party of Business Sign DN and Party Technical Address is not the same	The party linked to the indicated Business Sign DN and the party of the indicated Party Technical Address must be the same.
U121	I 'Submit' Button I 'Submit' Button	Invalid Technical Service Identification	The indicated Technical Service Identification must be a valid store-and-forward network service identification available for RTGS/CLM.
U124	I 'Submit' Button	Operator currency not matching object currency	The currency of the business sender must match the currency of the business case object.

Table 298 - A2A File or Message – Upload Screen – Reference for error messagesTable 298 - A2A File or Message – Upload Screen – Reference for error messages

7.1.2 Account Postings – Query Screen

No references for error messages.

7.1.3 Account Postings – List Screen

No references for error messages.

7.1.4 Available Liquidity by Account – List Screen

No references for error messages.

7.1.5 Available Liquidity by Party – Query Screen

No references for error messages.

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7.1.6 Available Liquidity by Party - List Screen

No references for error messages.

7.1.7 Available Liquidity on Banking Group Level – List Screen

No references for error messages.

7.1.8 BICs – Query Screen

No references for error messages.

7.1.9 BICs – List Screen

No references for error messages.

7.1.10 Broadcasts – Query Screen

No references for error messages.

7.1.11 Broadcasts – List Screen

No references for error messages.

7.1.12 Broadcast – Details Screen

No references for error messages.

7.1.13 Broadcast – New Screen

For screen description see Broadcast – New Screen [▶ 403].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according

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Reference for error message	Field or button	Error text	Description
			to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: I a CB I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U058	I 'Submit' Button	Invalid value for 'Sender'	If the business sending user is the operator, the parameter 'Sender' must have the value 'Operator' or it must be a valid country code of a CB. If the business sending user is a CB, the parameter 'Sender' is not allowed.
U059	I 'Submit' Button	Parameter 'Settlement Banks of AS' not allowed in CLM	Parameter 'Settlement Banks of AS' is only allowed in RTGS.
U060	I 'Submit' Button I Field 'Party BIC'	Invalid Party BIC(s)	If parameter 'Party BIC' is used, each BIC must be a valid party BIC.
U061	I 'Submit'	Party BIC(s) must belong	If the business sending user is a

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References for Error N	essages for GUI Screens
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Reference for error message	Field or button	Error text	Description
	Button I Field 'Party BIC'	to sending CB	CB or the operator acting on behalf of a CB and parameter 'Party BIC' is used, each Party BIC must belong to this CB.
U062	I 'Submit' Button I Field 'Party Group'	Invalid value for 'Party Group'	If parameter 'Party Group' is used, the parameter must have the value 'All', 'All CBs' or it must be a valid country code of a CB.
U063	I 'Submit' Button I Field 'Party BIC' and 'Exclude'	'Party BIC' is missing.	If 'Exclude' is used, at least one 'Party BIC' must be selected.
U064	I 'Submit' Button I Field 'Party Group'	Country code must belong to sending CB	If the business sending user is a CB or the operator acting on behalf of a CB and parameter 'Party Group' is used with a country code, it must be the country code of this CB.
U067	I 'Submit' Button I Field 'Expiration Date'	Invalid expiration date	The expiration date of the broadcast must not exceed the defined business date in the future.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 299 - Broadcast – New Screen – Reference for error messages

Table 299 - Broadcast - New Screen - Reference for error messages

7.1.14 Business Cases – Query Screen

No references for error messages.



7.1.15 Business Cases – List Screen

No references for error messages.

7.1.16 Cash Account Reference Data – Query Screen

No references for error messages.

7.1.17 Cash Account Reference Data – List Screen

No references for error messages.

7.1.18 Cash Account Reference Data by MFI – Query Screen

No references for error messages.

7.1.19 Cash Account Reference Data by MFI – List Screen

No references for error messages.

7.1.20 Cash Transfer Order Subtotals by Status – List Screen No references for error messages.

7.1.21 Cash Transfer Order Totals by Account – List Screen

No references for error messages.

7.1.22 Cash Transfer Order Totals by Party – Query Screen

No references for error messages.

7.1.23 Cash Transfer Order Totals by Party – List Screen

No references for error messages.

7.1.24 Cash Transfer Order Totals by Status - List Screen

No references for error messages.

7.1.25 Cash Transfers – Query Screen

No references for error messages.



7.1.26 Cash Transfers – List Screen

For screen description see <u>Cash Transfers – List Screen</u> [▶ 94].

Reference for error message	Field or button	Error text	Description
E018	 I Context menu entry 'Increase' I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' I Context menu entry 'Revoke' I Context menu entry 'Agree' I Context menu entry 'Agree' I Context menu entry 'Agree' I Context menu entry 'Disagree' I Context menu entry i Context menu <	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.



	Reference for error message	Field or button	Error text	Description
entry end-of-day end-of-day processing accord 'Increase' end-of-day to the relevant cut-off time. I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' I Context menu entry 'Revoke' I Context menu entry 'Revoke' I Context menu entry 'Agree' I Context menu entry 'Agree' I Context menu entry 'Jisagree'				
entry 'Simulate Positive Receipt T2S' I Context menu entry 'Simulate Positive	E074	 RTGS' Context menu entry 'Increase' Context menu entry 'Decrease' Context menu entry 'Modify Earliest Debit Timestamp' Context menu entry 'Modify Latest Debit Timestamp' Context menu entry 'Revoke' Context menu entry 'Agree' Context menu entry 'Agree' Context menu entry 'Simulate Positive Receipt T2S' Context menu entry 		The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
Receipt TIPS' Context menu entry		I Context menu		

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Reference for error message	Field or button	Error text	Description
	'Simulate Positive Receipt RTGS'		
U001	 I Context menu entry 'Increase' I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' 	Cash transfer order not existing	Modification is only possible if the cash transfer order exists.
U002	 I Context menu entry 'Increase' I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' 	·	Modification is only possible if the cash transfer order is not yet in a final status.
U005	I Context menu entry 'Modify Earliest Debit	Modification/revocation not allowed	Modification or revocation of a payment order by a CB is only allowed for payment orders sent



Reference for error message	Field or button	Error text	Description
	Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' I Context menu entry 'Revoke'		by the CB within CLM (i.e. not sent by ECMS or Billing).
U007		EarliestDebitTime not specified in payment	Earliest debit time can only be changed if an earliest debit time has been specified in the payment order to be modified.
U008	I Context menu entry 'Modify Earliest Debit Timestamp'	,	Earliest debit time to be modified shall not be passed already (not relevant for warehoused payments).
U009	I Context menu entry 'Modify Earliest Debit Timestamp'		New earliest debit time must be within the relevant settlement window in this currency.
U010		EarliestDebitTime after LatestDebit Time	New earliest debit time must be before latest debit time – if provided.
U011	I Context menu entry 'Modify Latest Debit Timestamp'	LatestDebitTime not specified in payment	Latest debit time can only be changed if a latest debit time has been specified in the payment order to be modified.
U012		LatestDebitTime outside of settlement window	Latest debit time must be within the relevant settlement window in this currency.
U014	I Context menu entry 'Modify	LatestDebitTime earlier than current system time	For payment orders with settlement date equal to the

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Reference for error message	Field or button	Error text	Description
	Latest Debit Timestamp'		current business day, the new latest debit time must be after the current system time.
U015	 I Context menu entry 'Increase' I Context menu entry 'Decrease' 	Re-ordering only possible for cash transfer status queued	Re-ordering is only possible for cash transfer orders with status 'queued'.
U016	I Context menu entry 'Revoke'	Cash transfer order not existing	Revocation is only possible if the cash transfer order exists.
U017	I Context menu entry 'Revoke'	Revocation not possible due to final cash transfer status	Revocation is only possible if the cash transfer order is not yet in a final status.
U018	I Context menu entry 'Revoke'	Revocation not possible for the respective cash transfer type	Revocation is only possible for payment orders related to pacs.009 or pacs.010.
U020		Modification not possible for the respective cash transfer type	Modify earliest debit time and modify latest debit time is only possible for payment orders.
U039	 I Context menu entry 'Increase' I Context menu entry 'Decrease' 	Business sending user not authorised	 The party of the business sending user must be: For payment orders: the debit account owner of the underlying cash transfer order the responsible CB of the debit account owner of the

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Reference for error message	Field or button	Error text	Description
			underlying cash transfer order I the operator
U039	 I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' 	Business sending user not authorised	 The party of the business sending user must be: I the party of the business sender of the underlying payment order I the responsible CB of the party of the business sender of the underlying payment order I the operator
U039	I Context menu entry 'Revoke'	Business sending user not authorised	The party of the business sending user must be: For payment orders: I the party of the 'Instructing Agent' of the underlying payment order I the operator
U039	I Context menu entry 'Agree'I Context menu entry 'Disagree'	Business sending user not authorised	The party of the business sending user must be:I the responsible CB of the debit or credit account ownerI the operator
U039	 I Context menu entry 'Simulate Positive Receipt T2S' I Context menu entry 'Simulate 	Business sending user not authorised	The party of the business sending user must be: I the transit account holder I the operator



Reference for error	Field or button	Error text	Description
message			
	Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt RTGS'		
U040	 I Context menu entry 'Increase' I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' I Context menu entry 'Revoke' I Context menu entry 'Agree' I Context menu entry 'Agree' I Context menu entry 'Jagree' I Context menu entry 'Simulate Positive Receipt T2S' 	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
	I Context menu		



Reference	Field or button	Error text	Description
for error message			
	entry 'Simulate Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt RTGS'		
U041	 Context menu entry 'Increase' Context menu entry 'Decrease' Context menu entry 'Modify Earliest Debit Timestamp' Context menu entry 'Modify Latest Debit Timestamp' Context menu entry 'Revoke' Context menu entry 'Revoke' Context menu entry 'Agree' Context menu entry 'Disagree' Context menu entry 'Disagree' Context menu entry 'Disagree' Context menu entry 'Disagree' Context menu entry 'Disagree' 	The business sending user must have the privilege to perform this business function.	have the privilege to perform this



Reference	Field or button	Error text	Description
for error message			
	 Receipt T2S' Context menu entry 'Simulate Positive Receipt TIPS' Context menu entry 'Simulate Positive Receipt Receipt RTGS' 		
U044	 Context menu entry 'Increase' Context menu entry 'Decrease' Context menu entry 'Modify Earliest Debit Timestamp' Context menu entry 'Modify Latest Debit Timestamp' Context menu entry 'Revoke' Context menu entry 'Agree' Context menu entry 'Agree' Context menu entry 'Disagree' Context menu entry 	Ū	certificate DN must be linked to



Reference for error	Field or button	Error text	Description
message			
	 'Simulate Positive Receipt T2S' I Context menu entry 'Simulate Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt Receipt Receipt RTGS' 		
U068	 I Context menu entry 'Agree' I Context menu entry 'Disagree' 	Business sending user must not be blocked	If the business sending user is a CB, the CB must not be blocked.
U069	 I Context menu entry 'Agree' I Context menu entry 'Disagree' 	Cash transfer order/AS batch does not exist or is in wrong status	The function can only be used in case the cash transfer order or the AS batch exists in the appropriate blocking status for agree/disagree cash transfer order or AS batch respectively.
U070	I Context menu entry 'Agree'	Cash transfer order/AS batch already agreed	The function can only be used in case the cash transfer order or the AS batch has not yet been agreed by the same CB or on behalf of the same CB for agree/disagree cash transfer order or AS batch respectively.
U071	I Context menu entry 'Agree'	Invalid act on behalf BIC	If an act on behalf BIC is used, it must be the party BIC of the responsible CB of the debit or

Reference for error message	Field or button	Error text	Description
	I Context menu entry 'Disagree'		credit account owner or the related Ancillary System for agree/disagree cash transfer order or AS batch respectively.
U072	 Context menu entry 'Agree' Context menu entry 'Disagree' 	Missing act on behalf BIC	If the business sending user is the operator, an act on behalf BIC must be used.



Reference for error message	Field or button	Error text	Description
U091	 I Context menu entry 'Simulate Positive Receipt T2S' I Context menu entry 'Simulate Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt TIPS' KTGS' 	Invalid status of cash transfer	The instruction is only possible in case the liquidity transfer order is settled.
U093	 I Context menu entry 'Simulate Positive Receipt T2S' I Context menu entry 'Simulate Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt TIPS' KTGS' 	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.
U109	I Context menu entry 'Increase'	Invalid business message signature	The business message signature must be valid.



Reference for error	Field or button	Error text	Description
message	 I Context menu entry 'Decrease' I Context menu entry 'Modify Earliest Debit Timestamp' I Context menu entry 'Modify Latest Debit Timestamp' I Context menu entry 'Revoke' I Context menu entry 'Agree' I Context menu entry 'Jisagree' I Context menu entry 'Disagree' I Context menu entry 'Simulate 		
	Positive Receipt T2S' I Context menu entry 'Simulate Positive Receipt TIPS' I Context menu entry 'Simulate Positive Receipt Receipt RTGS'		





Table 300 - Cash Transfers – List Screen – Reference for error messages

7.1.27 Cash Transfers – Details Screen

For error messages on this screen see Cash Transfers – List Screen [▶ 545].

7.1.28 Cash Transfers - Manual Reversal Booking RTGS - Pop-up

For screen description see <u>Cash Transfers – Manual Reversal Booking RTGS – Pop-up</u> [▶ 123].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: I the transit account holder I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.

target T2

U109

I 'Submit'

Button

Annex References for Error Messages for GUI Screens

The business message signature

must be valid.

Reference for error message	Field or button	Error text	Description
U091	I 'Submit' Button	Invalid status of cash transfer	The instruction is only possible in case the liquidity transfer order is settled.
U092	I 'Submit' Button	Invalid error code	The indicated RTGS or CLM error code must be a valid error code.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.

Table 301 - Cash Transfers – Manual Rev. Booking RTGS – Pop-up – Reference for error messages

Invalid business message

7.1.29 Cash Transfers – Manual Reversal Booking T2S – Pop-up

signature

For screen description see Cash Transfers - Manual Reversal Booking T2S - Pop-up [▶ 118].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be:

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Reference for error message	Field or button	Error text	Description
			I the transit account holderI the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U091	I 'Submit' Button	Invalid status of cash transfer	The instruction is only possible in case the liquidity transfer order is settled.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 302 - Cash Transfers – Manual Reversal Booking T2S – Pop-up – Reference for error messages

7.1.30 Cash Transfers – Manual Reversal Booking TIPS – Pop-up

For screen description see <u>Cash Transfers – Manual Reversal Booking TIPS – Pop-up</u> [▶ 120].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: I the transit account holder I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.

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Reference for error message	Field or button	Error text	Description
U091	I 'Submit' Button	Invalid status of cash transfer	The instruction is only possible in case the liquidity transfer order is settled.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 303 - Cash Transfers – Manual Reversal Booking TIPS – Pop-up – Reference for error messages

7.1.31 Cash Transfers – Modify Earliest Debit Time – Pop-up

For error messages on this screen see Cash Transfers – List Screen [▶ 545].

7.1.32 Cash Transfers - Modify Latest Debit Time - Pop-up

For error messages on this screen see Cash Transfers – List Screen [▶ 545].

7.1.33 CLM Cash Account Liquidity – Query Screen

No references for error messages.

7.1.34 CLM Cash Account Liquidity – Display Screen

No references for error messages.

7.1.35 Credit Line per Account Holder – Query Screen

No references for error messages.

7.1.36 Credit Line per Account Holder – List Screen

For screen description see Credit Line Per Account Holder – List Screen [▶ 298].

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' button	Message received outside allowed business day phase	Instruction and query messages are only accepted in an appropriate business day phase according to the use case and the currency of the business sending user.
E074	I 'Submit' button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U040	I 'Submit' button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U045	I 'Submit' button	Invalid MCA	Main Cash Account must be a valid default MCA for the indicated currency.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 304 - Credit Line per Account Holder – List Screen – Reference for error messages

7.1.37 Dashboard Liquidity Overview – Query Screen

No references for error messages.

7.1.38 Dashboard Liquidity Overview Account Selection grouped by Countries – Display Screen

No references for error messages.



7.1.39 Dashboard Liquidity Overview Account Selection grouped by Parties – Display Screen

No references for error messages.

7.1.40 Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen

No references for error messages.

7.1.41 Dashboard Liquidity Overview Account Selection List View – Display Screen

No references for error messages.

7.1.42 Dashboard Liquidity Overview AMG Selection grouped by Countries – Display Screen

No references for error messages.

7.1.43 Dashboard Liquidity Overview AMG Selection grouped by Parties – Display Screen

No references for error messages.

7.1.44 Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen

No references for error messages.

7.1.45 Dashboard Liquidity Overview AMG Selection List View – Display Screen

No references for error messages.

7.1.46 Detailed Available Liquidity on Banking Group Level – List Screen

No references for error messages.

7.1.47 Events – Query Screen

No references for error messages.

7.1.48 Events – List Screen

No references for error messages.



7.1.49 Files – Query Screen

No references for error messages.

7.1.50 Files – List Screen

No references for error messages.

7.1.51 Files – Details Screen

No references for error messages.

7.1.52 Financial Institution Credit Transfer - New Screen

For screen description see Financial Institution Credit Transfer – New Screen [▶ 172].

Note: The data entered in this screen is converted into an XML message. For this XML message, a task will be created and processed asynchronously. The error codes listed below only refer to the creation of a task. The user can query the processing result of a task in the 'Task Queue – Query Screen'.

Reference for error message	Field, section or button	Error text	Description
E007	 I 'Submit' Button I Section 'Instructing Agent' I Section 'Instructed Agent' 	Account number / Account BIC in indicated currency unknown in addressed settlement service	'Instructing Agent' and 'Instructed Agent' must be known cash accounts in the addressed settlement service for the indicated currency.
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit'	Instruction rejected due to	The instruction is rejected by the

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Reference for error message	Field, section or button	Error text	Description
	Button	end-of-day	end-of-day processing according to the relevant cut-off time.
U039	I Submit Button	Business sending user not authorised	 The party of the business sending user must be: I the account owner of account given in 'Instructing Agent' element in the payload ¹⁹⁷ I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U042	I 'Submit' Button I Field 'BAH – From BIC'	Invalid business sender in BAH	 The business sender in the BAH (element 'From') must be: I for payment orders entered by the CB itself: the party BIC of the business sending user; I for payment orders entered by the operator acting on behalf: the party BIC owning the account given in 'Instructing Agent' element.

197 the responsible CB of owner of account given in 'Instructing Agent' element in the payload

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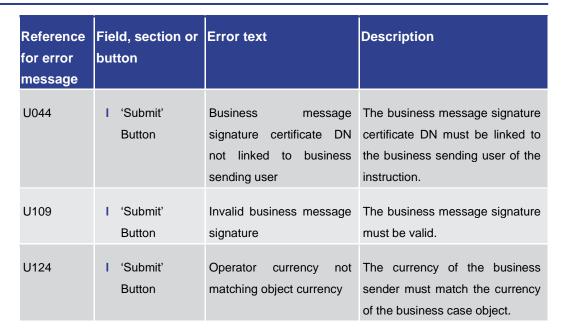


Table 305 - FICT – New Screen – Reference for error messages

7.1.53 General System Parameters – Display Screen

No references for error messages.

7.1.54 Liquidity on CB Level – Display Screen

No references for error messages.

7.1.55 Liquidity Transfer – New Screen

For screen description see Liquidity Transfer – New Screen [▶ 302].

target T2

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E043	I 'Submit' Button	Sum of overnight deposits exceeds the maximum amount for central bank ¹⁹⁸	If the creditor account is an overnight deposit account held by a CB outside the Eurosystem, the sum of all overnight deposits with this CB must not exceed the maximum envisaged amount for this CB.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
E097	I 'Submit' Button	Party not allowed to use standing facilities ¹⁹⁹	 The party linked to the account must be allowed to use standing facilities: I In case the creditor account is an overnight deposit account I In case the debtor account is an marginal lending account ²⁰⁰
U021	I Field 'Account Number'I 'Submit'	Invalid debit account type	The debtor account must be a valid account with the following account type:

¹⁹⁸ Only relevant for users with party operating in EUR

200 Until ECMS go-live

¹⁹⁹ Only relevant for users with party operating in EUR



Reference for error message	Field or button	Error text	Description
	Button		 Any CLM cash account RTGS DCA RTGS CB account TIPS account T2S DCA T2S CB account
U023	 Field 'Account Number' Field 'Amount' Field 'End to End ID' 'Submit' Button 	Duplicate liquidity transfer	 A liquidity transfer order with the following identical field content for the current business day is a duplicate: I Debtor account I Creditor account I End-to-end identification I Settlement amount
U024	 Field 'Account Number' 'Submit' Button 	No authorisation to credit CreditorAccount	The following cash account types can only be credited if the business sending user is the operator or the responsible CB of the account: I CLM dedicated transit account for RTGS I CLM dedicated transit account for T2S I CLM dedicated transit account for T1PS I CB ECB account ²⁰¹ I ECB mirror account ²⁰² I ECONS II transit account

²⁰¹ Account type only relevant for users with party operating in EUR

²⁰² Account type only relevant for users with party operating in EUR

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U025	 Field 'Account Number' 'Submit' Button 	Inter-service liquidity transfer not allowed for debtor account type	If the debtor account is one of the following account types, the creditor account must be a CLM cash account: I CLM dedicated transit account for RTGS I CLM dedicated transit account for T2S I CLM dedicated transit account for TIPS I Technical account for CONT settlement I CB ECB account I ECB mirror account ²⁰³
U027	 I Field 'Account Number' I 'Submit' Button 	Invalid credit account type	 The creditor account must be a valid account with the following account type: Any CLM cash account RTGS DCA, T2S DCA, TIPS account or TIPS AS technical account RTGS sub-account RTGS CB account or T2S CB account
U028	I Field 'Account Number'I 'Submit' Button	Debtor and creditor accounts not in same liquidity transfer group	If debtor and creditor accounts of an intra-service liquidity transfer order have the account type 'MCA' both accounts have to belong to the same liquidity transfer group.
U030	I Field 'Account	Account numbers do not	'Debtor Account' and 'Creditor

203 Account type only relevant for users with party operating in EUR

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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
	Number' I 'Submit' Button	refer to the same currency	Account' must be cash accounts in the indicated currency.
U032	I Field 'Account Number'I 'Submit' Button	Invalid debtor account type or party not linked for overnight deposit setting up ²⁰⁴	 If the creditor account is an overnight deposit account, the debtor account must be: I A cash account of another settlement service or I An MCA and the account holder of this MCA must be linked to the overnight deposit account to be credited
U033	I Field 'Account Number'I 'Submit' Button	Invalid creditor account type or party not linked for overnight deposit reversal 205	If the debtor account is an overnight deposit account, the creditor account must be an MCA and the account holder of this MCA must be linked to the overnight deposit account to be debited.
U034	 Field 'Account Number' 'Submit' Button 	Invalid counterparty account type or party not linked for marginal lending liquidity transfer	If the debtor/creditor account is a marginal lending account, the counterparty account must be an MCA and the account holder of this MCA must be linked to the marginal lending account to be debited/credited. ²⁰⁶

206 Until ECMS go-live

²⁰⁴ Only relevant for users with party operating in EUR

²⁰⁵ Only relevant for users with party operating in EUR

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U035	I 'Submit' Button	Sum of overnight deposits exceeds the maximum amount for central bank ²⁰⁷	If the creditor account is an overnight deposit account held by a CB outside the Eurosystem, the sum of all overnight deposits with this CB must not exceed the maximum envisaged amount for this CB.
U036	I 'Submit' Button	Liquidity transfer on marginal lending account ²⁰⁸ not allowed after ECMS go-live	A liquidity transfer debiting or crediting a marginal lending account is not allowed after Eurosystem Collateral Management System (ECMS) go-live.
U038	I Field 'Account Number'I 'Submit' Button	Invalid creditor account type for pull liquidity transfer	For a pull liquidity transfer the creditor account must have the following CLM account type: I MCA I CLM CB account I Overnight deposit account 209
U039	 I Field 'Account Number' I 'Submit' Button 	Business sending user not authorised	 The party of the business sending user must be: For overnight deposit reverse orders ²¹⁰: I The CLM Account Holder linked to the overnight deposit account or I The co-manager of the CLM

207 Only relevant for users with party operating in EUR

- 208 Account type only relevant for users with party operating in EUR
- 209 Account type only relevant for users with party operating in EUR
- 210 Function only relevant for users with party operating in EUR



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Reference for error message	Field or button	Error text	Description
			 Account Holder linked to the overnight deposit account or The CB owning the overnight deposit account or The operator For marginal lending setting up orders ²¹¹ (till ECMS go-live): The CB owning the marginal lending account or The operator For marginal lending reverse orders ²¹² (till ECMS go-live): The operator For all other liquidity transfer orders (incl. overnight deposit setting up orders ²¹³ and pull liquidity transfer orders): The debit account owner or The responsible CB of the debit account owner or The operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege	The business sending user must have the privilege to perform this

- 212 Function only relevant for users with party operating in EUR
- 213 Function only relevant for users with party operating in EUR

²¹¹ Function only relevant for users with party operating in EUR



Reference for error message	Field or button	Error text	Description
		to perform this business function	business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U105	I Field 'Debtor BIC' I 'Submit' Button	Invalid 'Debtor BIC'	If 'Debtor BIC' is used, the BIC must be valid.
U106	I Field 'Creditor BIC'I 'Submit' Button	Invalid 'Creditor BIC'	If 'Creditor BIC' is used, the BIC must be valid.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.
U124	I 'Submit' Button	Operator currency not matching object currency	The currency of the business sender must match the currency of the business case object.

Table 306 - Liquidity Transfer – New Screen – Reference for error messages

7.1.56 Messages – Query Screen

No references for error messages.

7.1.57 Messages – List Screen

For screen description see <u>Messages – List Screen</u> [▶ 141].

Reference for error message	Field or button	Error text	Description
E018	I Context menu entry 'Repeat Sending'	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I Context menu entry 'Repeat Sending'	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I Context menu entry 'Repeat Sending'	Business sending user not authorised	The party of the business sending user must be: in case of camt.025 or camt.050: 1 the transit account holder or 1 the operator in case of camt.019: 1 the operator
U040	I Context menu entry 'Repeat Sending'	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I Context menu entry 'Repeat Sending'	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.



Reference for error message	Field or button	Error text	Description
U044	I Context menu entry 'Repeat Sending'	Business message signature certificate DN not linked to business sending user	0 0
U094	I Context menu entry 'Repeat Sending'	Relevant outbound message does not exist	The instruction is only possible in case the relevant outbound message exists.
U109	I Context menu entry 'Repeat Sending'	Invalid business message signature	The business message signature must be valid.

Table 307 - Messages – List Screen – Reference for error messages

7.1.58 Messages – Details Screen

For error messages on this screen see <u>Messages – List Screen</u> [▶ 575].

7.1.59 Messages - Simulate Receipt RTGS - Pop-up

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be:

For screen description see <u>Messages – Simulate Receipt RTGS – Pop-up</u> [▶ 155].

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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
			I the transit account holderI the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U092	I 'Submit' Button	Invalid error code	The indicated RTGS or CLM error code must be a valid error code.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.
U094	I 'Submit' Button	Relevant outbound message does not exist	The instruction is only possible in case the relevant outbound message exists.
U095	I 'Submit' Button	Error code or status code missing or combination not allowed	Either error code or status code must be provided and they are mutually exclusive.
U096	I 'Submit' Button	Invalid status code	The indicated status code must be a valid status code.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.



Table 308 - Messages – Simulate Receipt RTGS – Pop-up – Reference for error messages

7.1.60 Messages – Simulate Receipt T2S – Pop-up

For screen description see <u>Messages – Simulate Receipt T2S – Pop-up</u> [▶ 149].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: I the transit account holder I the operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.

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Reference for error message	Field or button	Error text	Description
U094	I 'Submit' Button	Relevant outbound message does not exist	The instruction is only possible in case the relevant outbound message exists.
U095	I 'Submit' Button	Error code or status code missing or combination not allowed	Either error code or status code must be provided and they are mutually exclusive.
U096	I 'Submit' Button	Invalid status code	The indicated status code must be a valid status code.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 309 - Messages – Simulate Receipt T2S – Pop-up – Reference for error messages

7.1.61 Messages – Simulate Receipt TIPS – Pop-up

For screen description see <u>Messages – Simulate Receipt TIPS – Pop-up</u> [▶ 152].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: I the transit account holder I the operator

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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U093	I 'Submit' Button	Invalid status of business transaction	The instruction is only possible in case the related business transaction is not yet in a final status.
U094	I 'Submit' Button	Relevant outbound message does not exist	The instruction is only possible in case the relevant outbound message exists.
U095	I 'Submit' Button	Error code or status code missing or combination not allowed	Either error code or status code must be provided and they are mutually exclusive.
U096	I 'Submit' Button	Invalid status code	The indicated status code must be a valid status code.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 310 - Messages – Simulate Receipt TIPS – Pop-up – Reference for error messages

7.1.62 Migration Information – Download Screen

No references for error messages.

7.1.63 Minimum Reserve – Query Screen

No references for error messages.



7.1.64 Minimum Reserve (Direct) – List Screen

No references for error messages.

7.1.65 Minimum Reserve (Indirect) - List Screen

No references for error messages.

7.1.66 Minimum Reserve (Pool of Account Party Level) - List Screen

No references for error messages.

7.1.67 Minimum Reserve (Pool) – List Screen

No references for error messages.

7.1.68 Minimum Reserve Fulfilments – Query Screen

No references for error messages.

7.1.69 Minimum Reserve Fulfilments - List Screen

For screen description see Minimum Reserve Fulfilments – List Screen [▶ 342].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	 The party of the business sending user must be: I The responsible CB of the referenced party I The operator

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Reference for error message	Field or button	Error text	Description
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U051	I 'Submit' Button	Currency code not EUR	The currency code must be 'EUR'.
U052	I 'Submit' Button	Institution not subject to direct or pool minimum reserve obligation	The function can only be used for institutions subject to pool or direct minimum reserve obligation.
U053	I 'Submit' Button	Invalid ValueDate	The indicated value date must be a valid business day of the current maintenance period.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

 Table 311 - Minimum Reserve Fulfilments – List Screen – Reference for error messages

7.1.70 Minimum Reserve Information per Account Holder – Query Screen No references for error messages.

7.1.71 Minimum Reserve Information per Account Holder – List Screen No references for error messages.



7.1.72 Minimum Reserve Infringements – Administrate Min. Reserve Penalty Order – Pop-up

For screen description see <u>Minimum Reserve Infringements – Administrate Minimum</u> <u>Reserve Penalty Order – Pop-up</u> [▶ 351].

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
E117	I 'Submit' Button	Authorisation/cancellation not possible due to final penalty status	A penalty with a final status cannot be authorised/cancelled.
U039	I 'Submit' Button	Business sending user not authorised	 The party of the business sending user must be: I The responsible CB of the referenced party I The operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U056	I 'Submit' Button	Penalty does not exist or is in final status	The function can only be used in case the penalty exists and is not yet in a final status.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 312 - Min. Reserve Infringements – Admin. MR Penalty Order – Pop-up – Ref. for err. msg.

7.1.73 Minimum Reserve Infringements – Query Screen

No references for error messages.

7.1.74 Minimum Reserve Infringements – List Screen

No references for error messages.

7.1.75 Minimum Reserve Requirements – Query Screen

No references for error messages.

7.1.76 Minimum Reserve Requirements – List Screen

For screen description see Minimum Reserve Requirements – List Screen [▶ 338].

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	 The party of the business sending user must be: I The responsible CB of the referenced party I The operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U051	I 'Submit' Button	Currency code not EUR	The currency code must be 'EUR'.

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Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
U054	I 'Submit' Button	Institution not subject to minimum reserve obligation	The function can only be used for institutions subject to any kind of minimum reserve obligation (pool, indirect or direct).
U055	I 'Submit' Button	Invalid maintenance period	The indicated maintenance period must be the current or the next one.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 313 - Minimum Reserve Requirements – List Screen – Reference for error messages

7.1.77 Party Reference Data – Query Screen

No references for error messages.

7.1.78 Party Reference Data – List Screen

No references for error messages.

7.1.79 Reservations – Query Screen

No references for error messages.

7.1.80 Reservations – Display Screen

For screen description see <u>Reservations – Display Screen</u> [▶ 312].

Annex References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
E018	I 'Submit' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E055	I 'Submit' Button	Instruction not possible due to blocked account status	The business sender of the instruction must be the responsible CB or the operator, if the relevant cash account is in status 'blocked for debits' or 'blocked for debits and credits' in case of the following A2A or U2A instructions: I camt.007 with element 'Priority' I camt.007 with element 'Processing Validity Time' related to pacs.008/pacs.009 I camt.011 I camt.048 I camt.048 I camt.049 I camt.056 related to pacs.004/pacs.008/pacs.009 I Decrease cash transfer order I Increase cash transfer order I Modify earliest debit time related to pacs.008/pacs.009 I Modify latest debit time related to pacs.008/pacs.009



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References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
			 Modify reservation Modify/Delete limit Revoke cash transfer order related to pacs.004/pacs.008/pacs.009 - in status 'blocked for credits' or 'blocked for debits and credits' in case of the following A2A or U2A instructions: camt.007 with element 'Processing Validity Time' related to pacs.010 camt.056 related to pacs.010 Modify earliest debit time related to pacs.010 Modify latest debit time related to pacs.010 Revoke cash transfer order related to pacs.010
E074	I 'Submit' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Submit' Button	Business sending user not authorised	 The party of the business sending user must be: I Only valid for CBO reservation: the account owner of the relevant cash account I Only valid for CBO reservation: the co-manager of the relevant cash account I The responsible CB of the relevant cash account

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References for Error M	essages for GUI Screens	3
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Reference for error message	Field or button	Error text	Description
			I The operator
U040	I 'Submit' Button	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	I 'Submit' Button	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U044	I 'Submit' Button	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.
U050	I 'Submit' Button	Invalid account type	Modification is only possible for account type 'MCA'.
U109	I 'Submit' Button	Invalid business message signature	The business message signature must be valid.

Table 314 - Reservations – Display Screen – Reference for error messages

7.1.81 Reservations and Seizure of Funds - List Screen

No references for error messages.

7.1.82 Standing Facilities – Query Screen

No references for error messages.

7.1.83 Standing Facilities – List Screen

No references for error messages.

7.1.84 Standing Facilities per Account Holder – Query Screen

No references for error messages.



7.1.85 Standing Facilities per Account Holder – List Screen

No references for error messages.

7.1.86 Statement of Account – Download Screen

No references for error messages.

7.1.87 Task Queue – Query Screen

No references for error messages.

7.1.88 Task Queue – List Screen

No references for error messages.

7.1.89 Task Queue – Details Screen

For screen description see <u>Task Queue – Details Screen</u> [▶ 385].

Note: The 'Edit' button on this screen opens different screens in a pop-up depending on the task type that is to be edited. For related error messages, refer to the error messages of the respective screen that is opened in the pop-up.

Reference for error message	Field or button	Error text	Description
E018	I 'Confirm' ButtonI 'Withdraw' Button	Message / U2A action outside allowed acceptance time frame	Instructions and queries are only accepted in an appropriate business day phase and till the respective cut-off time (if relevant) according to the use case and the currency of the business sending/entering user.
E074	I 'Confirm' Button I 'Withdraw' Button	Instruction rejected due to end-of-day	The instruction is rejected by the end-of-day processing according to the relevant cut-off time.
U039	I 'Confirm' Button I 'Withdraw' Button	Business sending user not authorised	The second business sending user confirming/rejecting the task must belong to: I the same party of the first



Annex

References for Error Messages for GUI Screens

Reference for error message	Field or button	Error text	Description
			 business sending user initiating the task I a higher party hierarchy than the first business sending user initiating the task I the co-manager of the first business sending user initiating the task
U040	 I 'Confirm' Button I 'Withdraw' Button 	Login certificate DN not linked to business sending user	The login certificate DN must be linked to the business sending user of the instruction.
U041	 I 'Confirm' Button I 'Withdraw' Button 	Business sending user does not have the privilege to perform this business function	The business sending user must have the privilege to perform this business function.
U043	I 'Confirm' Button	Second business sending user must be different from first business sending user	The second business sending user confirming the task must be different from the first business sending user initiating the task. ²¹⁴
U044	 I 'Confirm' Button I 'Withdraw' Button 	Business message signature certificate DN not linked to business sending user	The business message signature certificate DN must be linked to the business sending user of the instruction.

²¹⁴ This error message also appears if the business message signature certificate DNs of the initial user and the second user are equal.

Reference for error message	Field or button	Error text	Description
U049	I 'Confirm' Button I 'Withdraw' Button	Invalid task status	Confirmation or rejection is only possible if the task is in status 'to be confirmed'.
U076	I 'Confirm' Button	Inconsistent upload between first and second user	For task type 'Upload message/file' the information uploaded by the first and the second business sending user needs to be identical.
U109	I 'Confirm' Button I 'Withdraw' Button	Invalid business message signature	The business message signature must be valid.

Table 315 - Task Queue – Details Screen – Reference for error messages

7.1.90 Warehoused Cash Transfers – Query Screen

No references for error messages.

7.1.91 Warehoused Cash Transfers – List Screen

No references for error messages.

7.2 Technical HTTP Error Codes

The following list contains the technical hypertext transfer protocol (HTTP) errors which may occur. With the help of the provided error codes, the user can determine which instructions he has to carry out in case of an error.

Angular Error The Angular application may experience an internal error.

This error is in most cases solved by reloading the application.

A reloading of the application has to occur via the browser and not via refreshing the application as this does only refresh the data.

General Error The following general error may occur:



Error Code	Title	Instruction
0	General Error	Reload the application and check the connection to the network service provider. If this error persists, contact the T2 service provider.

Table 316 - General Error

Client Errors

The following client errors may occur:

Error Code	Title	Instruction
400	Bad Request	The server cannot process the request. Please check your entries and try again.
403	Forbidden	Access denied. Please contact your local user administrator.
404	Not Found	The requested resource could not be found. Please check your previous entry.
405	Method Not Allowed	Method not Allowed. The indicated request handler could not be found.
406	Not Acceptable	Not Acceptable. The Requests Content Type is not supported.
408	Request Timeout	Received an incomplete request. Please check your connection or contact your local IT administration.
412	Precondition Failed	A check for a precondition failed. Details on why this happened seem missing in retrieved response.

Table 317 - Client Errors

Server Errors

The following server errors may occur:

Error Code	Title	Instruction
500	Internal Server Error	Unhandled Server Exception. If this reoccurs, please contact the T2 service provider.
501	Not Implemented	The requested action is currently not implemented by the server.



Error Code	Title	Instruction
502	Bad Gateway	Network Error. Error received from an intermediate Proxy. Please check your network connection.
503	Service Unavailable	If this error persists, contact the T2 service provider. Service is currently not available. Please try again later.
504	Gateway Timeout	Timeout. No response received in an acceptable time frame.

Table 318 - Server Errors



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryAccStat	CLM Query Account Statement	Reports relevant for requesting party	Statement of Account – Download Screen
CLM_QueryCurReservation	CLM Query Current Reservations	Reservations defined on cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for Payment Bank)	Reservations – Query Screen Reservations – Display Screen
CLM_ModifyPaymentOrder	CLM Modify Payment Order	All payment orders on cash accounts within own System Entity (for CB)	Context menu from Cash Transfers – List Screen with separate pop-up (modify earliest, latest debit time, change priority) or only context menu functions like increase/decrease of queue
CLM_ModifyCurReservation	CLM Modify Current Reservation	Reservations defined on cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for Payment Bank)	Modification possibility in Reservations – Display Screen
CLM_ModSeizofFun	CLM Modify Seizure of Funds	Reservations defined on cash accounts within own System Entity (for CB); only U2A	ModificationpossibilityinReservations – List Screen
CLM_QueryCashTrans	CLM Query Cash Transfer	All cash transfer orders on cash accounts within own System Entity (for CB) or owned by own or co-managed	Cash Transfers – Query Screen



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
		Party (for CLM Account Holder or CLM CB Account Holder); only U2A	Cash Transfers – List Screen Account Postings – Query Screen Account Postings – List Screen
CLM_QueryCashTransDetails	CLM Query Cash Transfer Details	All cash transfer orders on cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for CLM Account Holder or CLM CB Account Holder);	Cash Transfers – Details Screen
CLM_QueryAvaLiq	CLM Query Available Liquidity	Parties within own System Entity (for CB), own or co- managed Party (for Payment Bank) or Leader of account monitoring group including the relevant account	
CLM_QueryFile	CLM Query File	All files for own System Entity (for CB) or for owned or co- managed Party (for CLM Account Holder or CB Account Holder)	Files – Query Screen Files – List Screen File – Details Screen
CLM_QueryMsg	CLM Query Message	All messages for own System Entity (for CB) or for owned or co-managed Party (for CLM Account Holder or CB Account Holder)	Messages – Query Screen Messages – List Screen
CLM_QueryMsgDetail	CLM Query Message Detail	All messages for own System Entity (for CB) or for owned or co-managed Party (for CLM Account Holder or CB Account Holder); only U2A	Message – Details Screen



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryTaskQueue	CLM Query Task queue	All tasks for own System Entity (for CB) or for owned or co-managed Party (for CLM Account Holder or CB Account Holder); only U2A	Task Queue – Query Screen Task Queue – List Screen
CLM_QueryTaskQueueDetail	CLM Query Task Queue Detail	All tasks for own System Entity (for CB) or for owned or co-managed Party (for CLM Account Holder or CB Account Holder); only U2A	Task Queue – Detail Screen
CLM_RevPaymentOrder	CLM Revoke Payment Order	All payments on cash accounts within own System Entity (for CB)	Context menu from Cash Transfers – List Screen
CLM_QueryCreLineList	CLM Query Credit Line List	Cash accounts within own System Entity (for CB); only U2A	Credit Line per Account Holder – Query Screen Credit Line per Account Holder – List Screen
CLM_IniCreLineupd	CLM Initiate Credit Line Update	Cash accounts within own System Entity (for CB)	Modification possibility in Credit Line per Account Holder – List Screen
CLM_IniFinInstCreTra	CLM Initiate Financial Institution Credit Transfer (except connected payment)	Cash accounts within own System Entity (for CB)	Financial Institution Credit Transfer – New Screen
CLM_IniConpay	CLM Initiate Connected Payment	Cash accounts within own System Entity (for CB)	Financial Institution Credit Transfer – New Screen



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PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_IniImLiquiTrans	CLM Initiate Immediate Liquidity Transfer	Cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for CLM Account Holder or CB Account Holder)	
CLM_IniMarLenonreq	CLM Initiate Marginal Lending on request	Cash accounts within own System Entity (for CB) ²¹⁵	Liquidity Transfer Order – New Screen
CLM_IniOveDep	CLM Initiate Overnight Deposit	Cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for CLM Account Holder) ²¹⁶	
CLM_IniOveDeprev	CLM Initiate Overnight Deposit reversal	Cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for CLM Account Holder) ²¹⁷	
CLM_QuerySysTime	CLM Query System Time	Current time of the system; only A2A	In U2A: The time of the last GUI request is foreseen to be displayed in the GUI.
CLM_Ag/DisagCashTrans	CLM Agree/Disagree Cash Transfers	All cash transfers on Cash Accounts within own System Entity (for CB); only U2A	Context menu from Cash Transfers – List Screen

²¹⁵ This privilege is only relevant for users with party operating in EUR.

²¹⁶ This privilege is only relevant for users with party operating in EUR.

²¹⁷ This privilege is only relevant for users with party operating in EUR.



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PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryBC	CLM Query Business Case and List of Business Cases	All cash transfers on Cash Accounts within own System Entity (for CB); only U2A	Business Cases – Query Screen Business Cases – List Screen
CLM_QueryStaFac	CLM Query Standing Facilities	All cash transfers on Cash Accounts within own System Entity (for CB), own Cash Account (Payment Bank), co- managed Cash Account or Cash Account within own Account Monitoring Group (for Payment Bank) when querying user belongs to the Group leader ²¹⁸	Standing Facilities – List Screen
CLM_QueryMinRes	CLM Query Minimum Reserve	Data within own System Entity (for CB) or own MFI (for Payment Bank) ²¹⁹	Minimum Reserve – List Screen
CLM_QueryListMinResReq	CLM Query and List Minimum Reserve Requirement	Cash Accounts within own System Entity (for CB) ²²⁰	Minimum Reserve – Query Screen Minimum Reserve – List Screen
CLM_ModMinResReq	CLM Modify Minimum Reserve Requirement	Cash Accounts within own System Entity (for CB) 221	Minimum Reserve – List Screen

- 219 This privilege is only relevant for users with party operating in EUR.
- 220 This privilege is only relevant for users with party operating in EUR.
- 221 This privilege is only relevant for users with party operating in EUR.

²¹⁸ This privilege is only relevant for users with party operating in EUR.



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PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryListMinResFul	CLM Query and List Minimum Reserve Fulfilment	Cash Accounts within own System Entity (for CB); only U2A $^{\rm 222}$	Minimum Reserve Fulfilment – List Screen
CLM_ModMinResFul	CLM Modify Minimum Reserve Fulfilment	Cash Accounts within own System Entity (for CB) ²²³	Minimum Reserve Fulfilment – List Screen
CLM_QueryMinResInf	CLM Query of Minimum Reserve Infringements	Cash Accounts within own System Entity (for CB); only U2A $^{\rm 224}$	Minimum Reserve Infringements – Query Screen Minimum Reserve Infringements – List Screen
CLM_AdmMinResPen	CLM Administrate Minimum Reserve Penalty	Cash Accounts within own System Entity (for CB); only U2A $^{\rm 225}$	Minimum Reserve Infringements – List Screen via pop-up Administrate Minimum Reserve Penalty Order
CLM_Querylocpartrefdat	CLM Query local party reference data	Local Party Reference data within own System Entity (for CB) or belonging to own Cash Accounts, co-managed Cash Accounts or Cash Accounts within own Account	Party Reference Data – Query Screen Party Reference Data – List Screen

²²² This privilege is only relevant for users with party operating in EUR.

- 223 This privilege is only relevant for users with party operating in EUR.
- 224 This privilege is only relevant for users with party operating in EUR.
- 225 This privilege is only relevant for users with party operating in EUR.



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
		Monitoring Group (for Payment Bank); only U2A	
CLM_QueryLocPartyCashAcc RefData	CLM Query local party cash account reference data	Local Cash Account Reference data within own System Entity (for CB) or belonging to own Cash Accounts, co- managed Cash Accounts or Cash Accounts within own Account Monitoring Group (for Payment Bank); only U2A	Cash Account Reference Data – Query Screen Cash Account Reference Data – List Screen
CLM_QuerylocrefdatbyMFI	CLM Query local reference data by MFI	Reference data within own System Entity (for CB); only U2A $^{\rm 226}$	Cash Account Reference Data by MFI – Query Screen Cash Account Reference Data by MFI – List Screen
CLM_QueryBroadcast	CLM Query broadcast	All broadcasts for Parties within own System Entity (for CB) or own Party (for Ancillary System/Payment Bank); only U2A	Broadcasts – Query Screen Broadcasts – List Screen Broadcast – Details Screen
CLM_NewBroadcast	CLM New broadcast	Cash Accounts within own System Entity (for CB) and Operator; only U2A	Broadcast – New Screen
CLM_QueryLiqonCBLev	CLM Query Monitoring Screen 'Display Liquidity on CB Level'	Cash Accounts within own System Entity (for CB); only U2A	Liquidity on CB Level – Display Screen

²²⁶ This privilege is only relevant for users with party operating in EUR.



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PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QuerySumCashTrans	CLM Query Monitoring Screen 'List of Sum of Cash Transfers per Account Holder'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Sum of Cash Transfers per Account Holder – Query Screen Sum of Cash Transfers per Account Holder – List Screen
CLM_QueryAvailLiqui	CLM Query Monitoring Screens 'Available Liquidity by Party' and 'Available Liquidity by Account'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Available Liquidity by Party – Query Screen Available Liquidity by Party – List Screen Available Liquidity by Account - List Screen
CLM_QueryReservationDedLi qui	CLM Query Monitoring Screen 'Reservations and dedicated Liquidity'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Reservations and Dedicated Liquidity – Display Screen
CLM_QueryLiqBanGroLev	CLM Query Monitoring Screens 'List of Available Liquidity on Banking Group Level' and 'List of Detailed Available Liquidity on Banking Group Level'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Available Liquidity on Banking Group Level – List Screen Detailed Available Liquidity on Banking Group Level –List Screen
CLM_QueryLiqParLev	CLM Query Monitoring Screen 'Available Liquidity	Cash Accounts within own System Entity (for CB), Operator; only U2A	Available Liquidity per Party – Query Screen



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
	on Party Level'		Available Liquidity per Party – List Screen
CLM_QueryOverviewCashTr ans	CLM Query Monitoring Screen 'Status Overview for Cash Transfers'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Cash Transfer Order Totals by Status – List Screen
CLM_QueryWarehoused	CLM Query Monitoring Screen 'Warehoused Cash Transfers'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Warehoused Cash Transfers – Query Screen Warehoused Cash Transfers – List Screen
CLM_QueryStaFacAccHol	CLM Query Monitoring Screen 'Standing Facilities per Account Holder'	Cash Accounts within own System Entity (for CB), Operator; only U2A ²²⁷	Standing Facilities per Account Holder – List Screen
CLM_QueryMinResAccHol	CLM Query Monitoring Screen 'Minimum Reserve Information per Account Holder'	Cash Accounts within own System Entity (for CB), Operator; only U2A ²²⁸	Minimum Reserve Information per Account Holder – Query Screen Minimum Reserve Information per Account Holder – List Screen
CLM_QueryMonCriSit	CLM Query Monitoring	Cash Accounts within own System Entity (for CB)	Liquidity on CB Level – Display

²²⁷ This privilege is only relevant for users with party operating in EUR.

²²⁸ This privilege is only relevant for users with party operating in EUR.



PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
	Screens Crisis Situation	Operator and CBs need both privileges; only U2A	Screen
CLM_UploadFileU2AContSit	CLM Upload File U2A in contingency situation	Cash Accounts within own System Entity (for CB); only U2A	A2A File or Message – Upload Screen
CLM_DisplaySysPara	CLM Display System Parameter	CB user for a specific currency; Operator for all currencies; only U2A	General System Parameter – Display Screen
CLM_SimReceipt	CLM Simulate Receipt from other services	TAH user for a specific currency; Operator for all currencies; only U2A	Context menu from screens Messages – List Screen, Message – Details Screen and Cash Transfers – List Screen and Cash Transfer – Details Screen
CLM_RepeatSending	CLM Repeat Sending	TAH user for a specific currency; Operator for all currencies; only U2A	Context menu from screens Messages – List Screen and Message – Details Screen
CLM_ManReversalBook	CLM Manual Reversal Booking other Services	TAH user for a specific currency; Operator for all currencies; only U2A	Context menu from Cash Transfers – List Screen
CLM_QueryListEvents	CLM Query/List Events	All party user for a specific currency	Events – Query Screen Events – List Screen
CLM_DownloadMigInf	CLM Download Migration Information	Unmapped TARGET2 accounts within own System Entity (for CB); only relevant for migration; only U2A	Migration Information – Download Screen



User Handbook Annex

List of Privileges

 Table 319 - List of Privileges (complete list; relevant for all CLM GUI screens)