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:

l The Eurosystem Single Market Infrastructure Gateway (ESMIG), featuring central authentication, authorisation and user management

l 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

l Data Warehouse (DWH), which either provides queries or reports the data for historical, statistical and regulatory reporting

l Business Day Management (BDM), which shows the schedule and calendar for all components and currencies

l The Billing component (BILL), which provides the functionalities for the aggregation of the daily billable items

2 Overview of the UHB

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.

Target audience

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

There will be 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:

l   The header, indicating the chapter and sub-chapter title

l   The margin column on the left side of each page, which is used for sub-headings and information signs

l   The text column, containing key information, tables and screenshots

l   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 payment 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

l   Error messages and error codes in the context of using the GUI screens

l   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 Web-browsers and Settings

The following web-browsers are suggested:

l   Mozilla Firefox

l   Google Chrome

The 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), see ESMIG UDFS v2.1.

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

Supported Screen Resolution and Scaling

The required minimum screen resolution is 1366 x 768 pixel. Screen resolutions below this requirement are not supported and can lead to a deviating appearance and functionality of the GUI.

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.

NRO Specific Requirements

To be defined in a next stage.

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 validation chapter [▶ 43]

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'.

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.
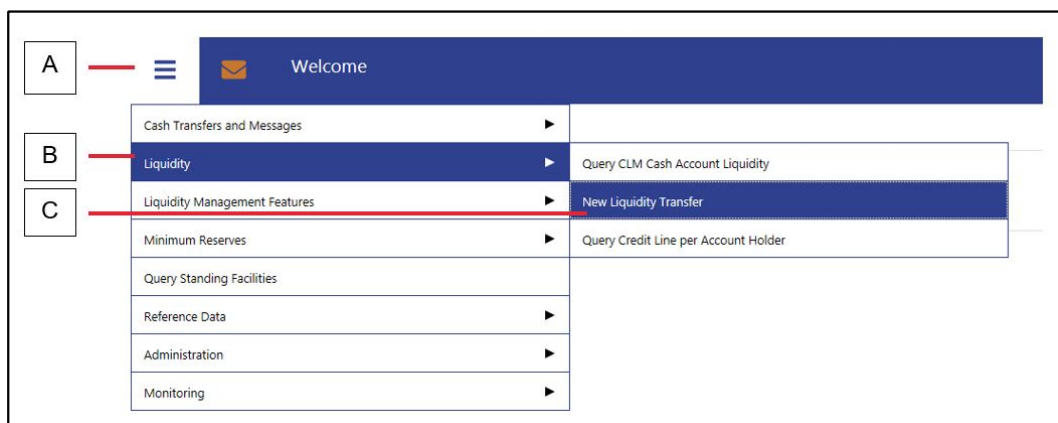
Figure 1 - CLM Menu

Figure Description

Label	Element
A	Menu button
B	Main menu entries
C	Sub-menu entries

Table 1 - Menu Structure

4.2 Screen Structure

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

l   Header

l   Sub-header
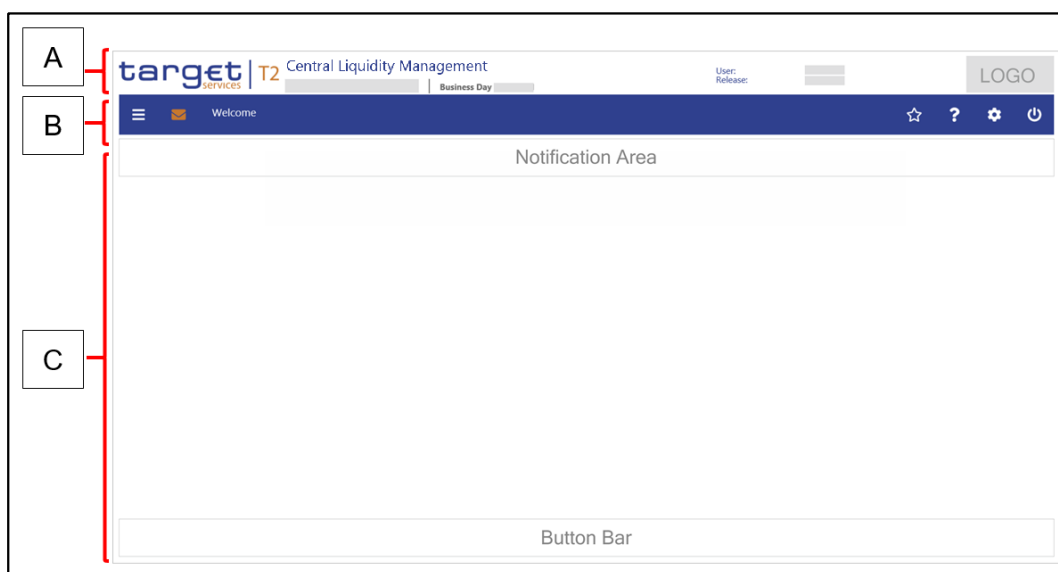
l   Content area

Figure 2 - Screen Structure

Figure Description

Label	Element
A	Header
B	Sub-header
C	Content area

Table 2 - Screen Structure

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:
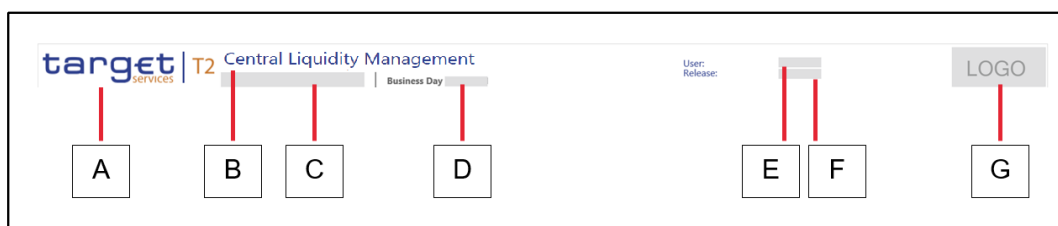
Figure 3 - Header

Figure Description

Label	Element	Description
A	TARGET Services T2 Logo	This area shows the TARGET Services T2 logo.
B	Service Component	This area shows the name of the used service (in this case CLM).
C	Technical Environment	This area shows the technical environment in which the user is operating (e.g. production environment).
D	Business Day	This area shows the business day on 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 allows a CB to display its logo.

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:
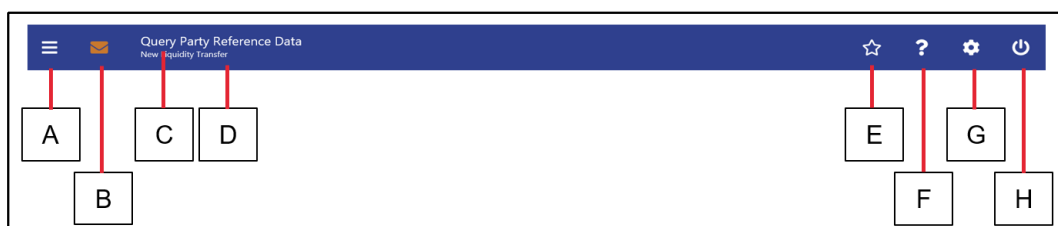
Figure 4 - Sub-header

Figure Description

Label	Element	Description
A	Menu button	This button provides access to the CLM menu and the GUI functions based on the privileges of the user.
B	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.
C	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.
E	Bookmark	This button allows the user to save most frequently used screens.
F	Online help button	This button provides a context sensitive description of the current screen.
G	User profile button	This button allows the user to select and change CLM GUI preferences for the current session.
H	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

4.2.3 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.

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 highlighted in green colour and error notifications are highlighted in red colour.

Figure 5 - Success Notification

Figure 6 - 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.
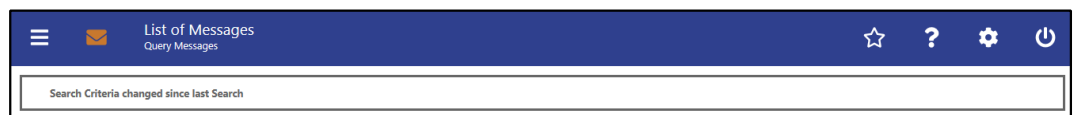
Figure 7 - Change of Search Criteria Notification

Response Notification Box

The response notification box can appear in the notification area showing functional requests with a table visualizing the list entries picked for an action. The response notifications are included in a box, containing a table of response notifications and a headline at the top.
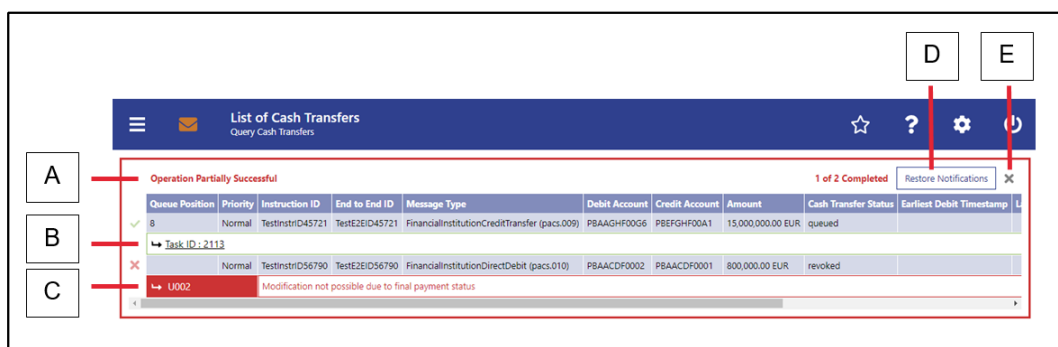
Figure 8 - Response Notification Box

Figure Description

Label	Element	Description
A	Headline	The headline of the response notification box can have three different status labels: **l** Operation Successful **l** Operation Partially Successful **l** 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').
B	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
C	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 5 - 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.

Figure 9 - 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.
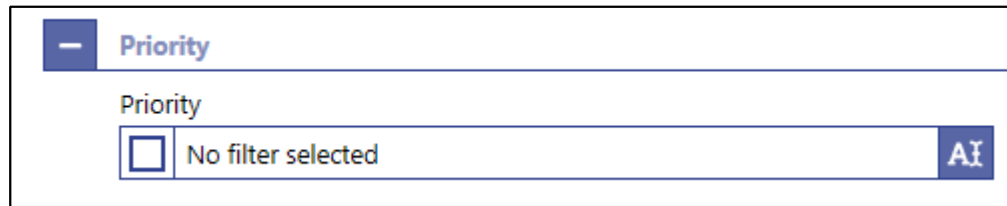
Figure 10 - Open Section

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 11 - 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. 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 – Bulk Actions

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-Select Screen

Smart-select screens can be opened as a pop-up by clicking on the smart-select button next 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.

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 [▶ 45].

Figure 12 - Input Field

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

ZYXZDEFFPT1

Figure 13 - Input Field with Default Value

Input Field Error   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 Common Buttons and Icons [▶ 39]). The user has to make sure to make a valid entry in order to be able to proceed.

| = | 100000,212 | EUR |

Figure 14 - 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 15 - 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.

Figure 16 - Inactive Field

Figure 17 - Activated Field

Mutually Exclusive Fields

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

Figure 18 - 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 an entry from the list. The list checkbox is used when performing bulk actions (see chapter Screen Types [▶ 30], section 'List Screen – Bulk Actions').

Figure 19 - List Checkbox (example values)

Standard Drop-down List Field

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

Figure 20 - Standard Drop-down List Field

Autocomplete List Field

In an autocomplete list, the user can enter characters that the field uses to filter among the available options in the list.

Figure 21 - Autocomplete List Field

Multi-Select List Field

A multi-select list allows the user to enter 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.

Figure 22 - 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.
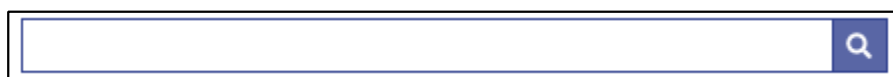
Figure 23 - Smart-Select Field

Smart-Select Multi List Field

The smart-select multi list allows the user to enter 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.

Figure 24 - Smart-Select Multi List Field

Date and Time Picker

The user can enter a date and time manually or click on the calendar button on the left or the clock button on the right of the field to select a date and time respectively. The time zone is shown on the right side within the field.
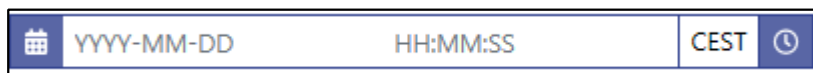
Figure 25 - Date and Time Picker
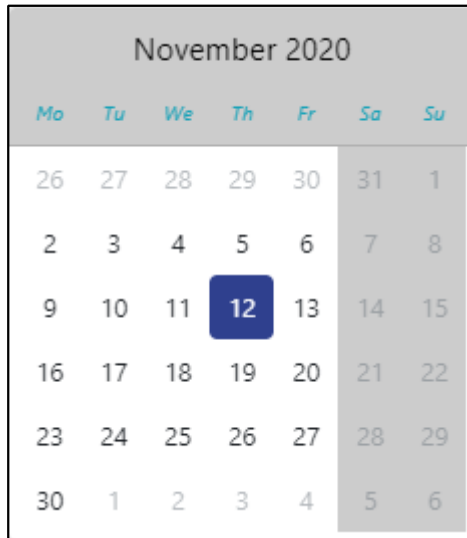
Date Picker

The user can enter a date manually or click on the button on the left of the field to open a calendar as a pop-up and select a date from the calendar. The calendar only allows the selection of dates which are allowed for the respective field.

Figure 26 - Date Picker

Figure 27 - Date Picker – Calendar

Time Picker   The user can enter a time manually or click on the button on the right of the field to open a clock as a pop-up and select a time from the clock. The time zone is shown on the right side within the field.

Figure 28 - Time Picker
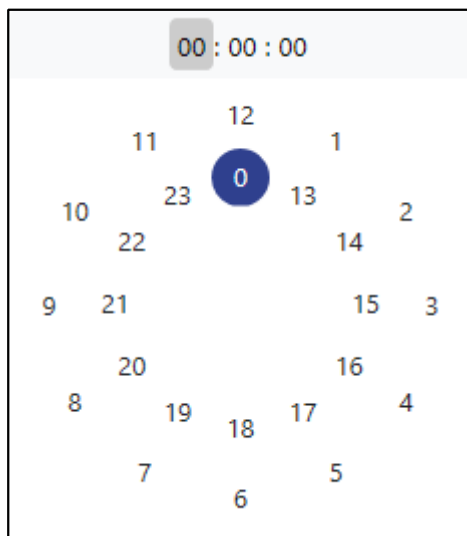
Figure 29 - Time Picker – Clock

Field Properties

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.

Fields with FIN x extended character set

Ensure a given maximum length of 35 characters

Only allow the special characters: / - ? : ( ) . , ' + ! # $ % & * = ^ _ ` { | } ~ " ; < > @ [ ]

Do neither start nor end with a blank

Fields with FIN x restricted character set

Ensure a given maximum length of 35 characters

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

Do neither start nor end with a blank

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'.

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.

Case Sensitivity

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 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 (,) when the user enters amounts.

Quick Input Entries

To facilitate a quicker input, the user can enter the following characters in fields that require the input of amounts:

l The character T represents thousands, thereby allowing the user to enter three zeros directly

l The character M represents millions, thereby allowing the user to enter six zeros directly

l The character B represents billions, thereby allowing the user to enter nine zeros directly

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: https://www.iso20022.org/external_code_list.page

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.

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 '(wildcards allowed)' in the label of the field.

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

l   The asterisk (*) – to specify any number of characters

l   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.

Mandatory Content

In the GUI, mandatory fields are marked with an asterisk (*) in the label. On some screens, 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 Navigation

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

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 mouse-over 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 30 - 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.

Figure 31 - Close Button

Page Number Button

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

Figure 32 - 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.

Figure 33 - Active Page Number Button

First Page Button

The user can click on this button to return to the first page of a list.

Figure 34 - First Page Button

Preceding Page Button

The user can click on this button to return to the previous page of a list.

Figure 35 - Preceding Page Button

Following Page Button

The user can click on this button to go to the following page of a list.

Figure 36 - Following Page Button

Last Page Button
The user can click on this button to go to the last page of a list.

Figure 37 - Last Page Button

Refresh Button
The user can click on this button to reload the screen. Upon clicking on this button, the list entries will be updated.

Figure 38 - Refresh Button

Export Button
The user can click on this button to download list entries. Upon clicking on this button, a menu will pop up where the user can specify the data to be exported. The format of the downloaded file is always CSV.

Figure 39 - Export Button

Context Menu Button
The user can click on this button to open the available context menu options of list entries while using a touchpad or keyboard navigation. The button is positioned at the very right of the respective list entry.

Figure 40 - 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 41 - 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.

Figure 42 - 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 43 - '+' 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 44 - '-' 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.

Figure 45 - 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.

Figure 46 - 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.

Figure 47 - 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 48 - 'More than or equal to' Icon

'Less 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 'less than or equal to'. When entering a date/time, this icon indicates 'before or equal to'.

Figure 49 - '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 50 - 'Less than' Icon

'Equal' Icon   This icon can appear to the left of fields that require the input of a date, time or amount. This icon indicates an exact amount, date or time.

Figure 51 - '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 52 - Arrow Icon

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

Figure 53 - 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 54 - Error Icon

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

Figure 55 - 'x' Icon

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

Figure 56 - Loading Screen Icon

4.6 Validations

All processes undergo a front-end validation and a validation after data submission. Following the validation which takes place in the context of data submission, certain tasks also undergo a back-end validation.

Front-end Validation

As a first part of the validation process, the front-end validation takes place without communication to the back-end. This occurs while the user is entering data. The front-end validation includes both the field validation and the cross-field validation. The field validation verifies that all entries comply 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. Only correct entries can be processed.

Data Submission (incl. immediate validation)

After a successful front-end validation, the user can submit data by clicking on the relevant button. The submitted data is subject to an immediate validation. The user is informed about the result of this validation in the notification area. There are two different message types available, the error notification and the success notification. The chapter Reference for Error Messages for GUI Screens contains the error codes that may appear in the notification area if the data submission fails.

Back-end Validation

In certain scenarios, a back-end validation takes place after a successful data submission. The back-end validation checks for compliance with the business validation rules. Due to the asynchronous processing of back-end requests (via task queue), the result of the back-end validation will not be available immediately and it will not be displayed within the screen on which the data submission took place. The user can query the back-end validation result in the 'Task Queue – Query Screen'.

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.

First User

In 4-eyes mode the first 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. For the final execution, a second user is needed to confirm the action in the 'Task Queue – Details Screen'.

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

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

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 of Usage The context of usage describes the content and functions of the screen and the possible actions 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.

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'

Privileges The 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.

Figure 57 - 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.
B	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 6 - 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 Cash Transfers – List Screen [▸ 63].

Screen Access

This screen can be reached in the following way:

l   Cash Transfers and Messages >> Cash Transfers – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryCashTrans

References

This screen is part of the following use case:

l   Query/List cash transfers [▸ 241]

Screenshot

Figure 58 - Cash Transfers – Query Screen (all sections closed)

Screenshot

Figure 59 - Cash Transfers – Query Screen – General

Field Descriptions

CASH TRANSFERS – 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: l Credits and Debits l Credits l 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: l FinancialInstitutionCreditTransfer (pacs.009) l FinancialInstitutionDirectDebit (pacs.010) l LiquidityCreditTransfer (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. Select one or more of the following values: l Liquidity Transfer l Payment

CASH TRANSFERS – QUERY SCREEN – GENERAL	
	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:
	l Earmarked
	l Partially Settled
	l Queued
	l Rejected
	l Revoked
	l Settled
	l 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 7 - Cash Transfers – Query Screen – General

Screenshot

Figure 60 - Cash Transfers – Query Screen – Value Date

Field Descriptions

CASH TRANSFERS – 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
To	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 8 - Cash Transfers – Query Screen – Value Date

Screenshot

Figure 61 - Cash Transfers – Query Screen – Timing

Field Descriptions

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 clock and the calendar buttons. 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 clock and the calendar buttons. 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 clock and the calendar buttons.

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 clock and the calendar buttons.
	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 clock and the calendar buttons.
	Required format: YYYY-MM-DD HH:MM:SS

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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 clock and the calendar buttons. 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 clock and the calendar buttons. 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 clock and the calendar buttons. Required format: YYYY-MM-DD HH:MM:SS

Table 9 - Cash Transfers – Query Screen – Timing

Screenshot

Figure 62 - Cash Transfers – Query Screen – Account Selection

Field Descriptions

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 Cash Account Reference Data – Query Screen [▶ 180] 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
Account BIC	This field offers the possibility to restrict the result list to cash transfers of one or more specific account BIC(s).
	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 [▶ 190] as a pop-up.
	Depending on the selection made in the field 'Credits / Debits' the query will take into account the account BIC the user

CASH TRANSFERS – QUERY SCREEN – ACCOUNT SELECTION	
	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:
	l CB ECB Account
	l CLM CB Account
	l ECB Mirror Account
	l Marginal Lending Account
	l MCA
	l Overnight Deposit Account
	l RTGS CB Account
	l RTGS DCA
	l RTGS Sub-Account
	l TIPS Account
	l T2S CB Account
	l T2S DCA
	Default value: 'No filter selected'

Table 10 - Cash Transfers – Query Screen – Account Selection

Screenshot

Figure 63 - Cash Transfers – Query Screen – Identifier

Field Descriptions

CASH TRANSFERS – 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 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: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx Character formats: **l** x – any lowercase hexadecimal character **l** 4 – fixed value **l** y – either: 8, 9, a, b

CASH TRANSFERS – QUERY SCREEN – IDENTIFIER	
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 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 'List of Messages'. Required format: up to 16 characters

Table 11 - Cash Transfers – Query Screen – Identifier

Screenshot

Figure 64 - 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 12 - Cash Transfers – Query Screen – Sender and Receiver Information (BAH)

Screenshot

Figure 65 - Cash Transfers – Query Screen – Counterpart Country

Field Descriptions

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

Table 13 - Cash Transfers – Query Screen – Counterpart Country

Screenshot

Figure 66 - Cash Transfers – Query Screen – Output Parameters

Field Descriptions

CASH TRANSFERS – 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):
	ı Amount
	ı Cash Transfer Status
	ı Credit Account
	ı Debit Account
	ı Earliest Debit Timestamp
	ı End to End ID
	ı Entry Timestamp
	ı Instruction ID
	ı Latest Debit Timestamp
	ı Message Type
	ı Queue Position
	ı 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 TRANSFERS – QUERY SCREEN – OUTPUT PARAMETERS	
	used to sort the elements in the result list. Possible values: **l** Ascending **l** 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: **l** Amount **l** Cash Transfer Status **l** Credit Account **l** Debit Account **l** Earliest Debit Timestamp **l** End to End ID **l** Entry Timestamp **l** Instruction ID **l** Latest Debit Timestamp **l** Message Type **l** Queue Position **l** Settlement Timestamp The user can deselect default values and can additionally select the following values: **l** Business Case ID **l** Cash Transfer Type **l** Clearing System Reference **l** Counterpart Country **l** Credit Account Type **l** Debit Account Type **l** From BIC (BAH) **l** To BIC (BAH) **l** UETR

CASH TRANSFERS – QUERY SCREEN – OUTPUT PARAMETERS
l Value Date

Table 14 - Cash Transfers – Query Screen – Output Parameters

Buttons

CASH 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 – List Screen [▶ 63].
Reset	The user can click on this button to reset all fields to their default values.

Table 15 - Cash Transfers – Query Screen – Buttons

5.1.2 Cash Transfers – List Screen

Context of Usage

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

These criteria were either defined on the Cash Transfers - Query Screen [▶ 48] or implicitly defined when opening this screen via a context menu.

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:

l Cash Transfers and Messages >> Cash Transfers – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryCashTrans

References

This screen is part of the following use case:

l Query/List cash transfers [▶ 241]

Screenshot

Figure 67 - Cash Transfers – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Cash Transfers – Query Screen [▶ 48]. The columns

displayed in the result list depend on the values selected in the field 'Selection' on the 'Cash Transfers – Query Screen'.

CASH TRANSFERS – LIST 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.
	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 TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS	
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.
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.
Counterpart Country	This column shows the country code for the counterpart.
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 16 - 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 cash transfer orders.
	By clicking on the 'Yes' button for the selected cash transfer 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

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	Transfers – List Screen' without revoking the cash transfer order.
	Revoking cash transfer orders is only possible for cash transfer orders with the status 'Warehoused', 'Earmarked' or 'Queued'.
	This entry is only visible for:
	l Operator
	l CB
	Required privilege: CLM_RevPaymentOrder
	References for error messages: [▷ 282]
	l E018
	l U005
	l U016
	l U017
	l U018
	l U039
	l U040
	l U041
Details	This context menu entry redirects the user to the Cash Transfers – Details Screen [▷ 71], displaying the details of the selected cash transfer.
	Required privilege: CLM_QueryCashTransDetail
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.
	This entry is only visible if the value date of the selected cash transfer orders is the current business day. It is only relevant

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	for cash transfer orders which are earmarked due to the blocking of a party or an account.
	This entry is only visible for:
	l Operator
	l CB
	Required privilege: CLM_Ag/DisagCashTrans
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 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 rejecting the cash transfer orders.
	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:
	l Operator
	l CB
	Required privilege: CLM_Ag/DisagCashTrans
Increase	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 movement to the top of the queue are created and sent to the task queue. If more than one cash transfer 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 cash transfer orders.

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	Increasing is only possible for cash transfer orders with the status 'Queued' and not visible when the debtor and/or creditor of the selected cash transfer order is blocked. This entry is only visible for: l Operator l CB Required privilege: CLM_ModifyCasTraOrd References for error messages: [▷ 282] l E018 l U001 l U002 l U015 l U039 l U040 l U041
Decrease	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 movement to the bottom of the queue are created and sent to the task queue. If more than one cash transfer 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' without decreasing the cash transfer orders. Decreasing is only possible for cash transfer orders with the status 'Queued' and not visible when the debtor and/or creditor of the selected cash transfer order is blocked. This entry is only visible for: l Operator l CB Required privilege: CLM_ModifyCasTraOrd

Screen Reference Guide – Description of Screens

Cash Transfers and Messages

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	References for error messages: [▶ 282]
	l E018
	l U001
	l U002
	l U015
	l U039
	l U040
	l U041
Modify Earliest Debit Timestamp	This context menu entry opens the Cash Transfers – Modify Earliest Debit Timestamp – Pop-up [▶ 74].
	This entry is only available for cash transfer orders with the status 'Warehoused' or 'Earmarked' including an earliest debit timestamp.
	This entry is only visible for:
	l Operator
	l CB
	Required privilege: CLM_ModifyCasTraOrd
	References for error messages: [▶ 282]
	l E018
	l U001
	l U002
	l U005
	l U007
	l U008
	l U009
	l U010
	l U020
	l U039
	l U040
	l U041
Modify Latest Debit Timestamp	This context menu entry opens Cash Transfers – Modify

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
	Latest Debit Timestamp – Pop-up [▶ 75]. This entry is only available for cash transfer orders with the status 'Warehoused', 'Earmarked' or 'Queued' including a latest debit timestamp. This entry is only visible for: **l** Operator **l** CB Required privilege: CLM_ModifyCasTraOrd References for error messages: [▶ 282] **l** E018 **l** U001 **l** U002 **l** U005 **l** U011 **l** U012 **l** U014 **l** U020 **l** U039 **l** U040 **l** U041
Cash Account Reference Data of Credit Account	This context menu entry redirects the user to a Cash Account Reference Data – List Screen [▶ 184] while transmitting the following value: **l** 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

CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF CASH TRANSFERS – CONTEXT MENU	
Cash Account Reference Data of Debit Account	This context menu entry redirects the user to a Cash Account Reference Data – List Screen [▸ 184] while transmitting the following value: l 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
Display Business Case	This context menu entry redirects the user to a 'Business Cases – List Screen' while transmitting the following value: l Business Case ID This entry is only visible for: l Operator l 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 Messages – List Screen [▸ 84] while transmitting the following value: l Business Case ID Required privilege: CLM_QueryMsg

Table 17 - 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:

l 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:

l CLM_QueryCashTransDetails

References

This screen is part of the following use case:

l   [Display cash transfer (order)](#) [▷ 242]

Screenshot

Figure 68 - 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 [Cash Transfers – List Screen](#) [▷ 63].

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.
Message Type	This field shows the message type of the cash transfer.
Counterpart Country	This field shows the country code for the counterpart.

Table 18 - 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 19 - 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 business case identification of the cash transfer.
Clearing System Reference	This field shows the CLM booking reference of the cash transfer.
UETR	This field shows the UETR of the cash transfer.

Table 20 - Cash Transfers – Details Screen – Identifier

CASH TRANSFERS – DETAILS SCREEN – TIMING	
Earliest Debit Timestamp	This field shows the earliest debit timestamp of the cash transfer order.
Latest Debit Timestamp	This field shows the latest debit timestamp of the cash transfer order.

CASH TRANSFERS – DETAILS SCREEN – TIMING	
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 21 - 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 cash transfer order.

Screen Access

This pop-up screen can be reached in the following ways:

l Cash Transfers List Screen >> Context menu entry 'Modify Earliest Debit Timestamp'

l Cash Transfers Details Screen >> Context menu entry 'Modify Earliest Debit Timestamp'

Privileges

To use this screen the following privilege is needed:

l CLM_ModifyPaymentOrder

References

This screen is part of the following use case:

l Modify earliest debit timestamp [▸ 244]

Screenshot

Figure 69 - Cash Transfers – Modify Earliest Debit Timestamp – Pop-up

Field Descriptions

The section 'Corresponding Cash Transfers' 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 chapter Cash Transfers – List Screen [▸ 63].

| MODIFY EARLIEST DEBIT TIMESTAMP – POP-UP – MODIFY EARLIEST DEBIT TIMESTAMP	
New Earliest Debit Timestamp	This field offers the possibility to enter a new earliest debit timestamp for the corresponding cash transfer 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 clock and the calendar buttons.
	Required format: YYYY-MM-DD HH:MM:SS

Table 22 - Modify Earliest Debit Timestamp – Pop-up – Modify Earliest Debit Timestamp

Buttons

MODIFY EARLIEST 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 cash transfer orders.
	After clicking on this button, the notification area on the Cash Transfers - List Screen [▷ 63] shows whether the data submission and task creation was successful. In case of successful data submission, the notification area also shows a 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.
	By clicking on the 'No' button, the user returns to the 'Modify Earliest Debit Timestamp' pop-up without any action.

Table 23 - 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 cash transfer order.

Screen Access

This pop-up screen can be reached in the following ways:

l   Cash Transfers List Screen >> Context menu entry 'Modify Latest Debit Timestamp'

l   Cash Transfers Details Screen >> Context menu entry 'Modify Latest Debit Timestamp'

Privileges   To use this screen the following privilege is needed:

l   CLM_ModifyPaymentOrder

References   This screen is part of the following use case:

l   [Modify latest debit timestamp](#) [▶ 245]

Screenshot

Figure 70 - Cash Transfers – Modify Latest Debit Timestamp – Pop-up

Field Descriptions   The section 'Corresponding Cash Transfers' 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 chapter [Cash Transfers – List Screen](#) [▶ 63].

MODIFY LATEST DEBIT TIMESTAMP – POP-UP – MODIFY LATEST DEBIT TIMESTAMP	
New Latest Debit Timestamp	This field offers the possibility to enter a new latest debit timestamp for the corresponding cash transfer 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 clock and the calendar buttons.
	Required format: YYYY-MM-DD HH:MM:SS

Table 24 - Modify Latest Debit Timestamp – Pop-up – Modify Latest Debit Timestamp

Buttons

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 cash transfer orders.
	After clicking on this button, the notification area on the Cash Transfers - List Screen [▷ 63] shows whether the data submission and task creation was successful. In case of successful data submission, the notification area also shows a task ID.
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.
	By clicking on the 'No' button, the user returns to the 'Modify Latest Debit Timestamp' pop-up without any action.

Table 25 - Modify Latest Debit Timestamp – Pop-up – Buttons

5.1.6 Messages – Query Screen

Context of Usage

This screen offers the possibility to query messages which are sent to, from or within CLM (i.e. inbound, outbound and internal messages). The set of messages that can be queried is restricted to 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 'Messages – List Screen [▶ 84]'.

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

l   Cash Transfers and Messages >> Messages – Query Screen

Privileges To use this screen the following privilege is needed:

l   CLM_QueryMsg

References This screen is part of the following use cases:

l   Query messages [▶ 246]

l   Display message [▶ 248]

Screenshot

Figure 71 - 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 – QUERY SCREEN – GENERAL	
	messages with a specific unique identifier of the business transaction. Required format: up to 16 characters
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: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx Character formats: **l** x - any lowercase hexadecimal character **l** 4 - fixed value **l** y - either: 8, 9, a, b
Origin UETR	This field offers the possibility to restrict the result list to messages with a specific origin UETR. Required format: 36 characters – up to 32 hexadecimal characters separated by hyphens as follows: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx Character formats: **l** x - any lowercase hexadecimal character **l** 4 - fixed value **l** y - either: 8, 9, a, b
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. 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 clock and the calendar buttons. The fields 'Timestamp From' and 'Timestamp To' can be used independently or in combination.

MESSAGES – QUERY SCREEN – GENERAL	
	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 clock and the calendar buttons.
	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:
	l Inbound
	l Outbound
	Default value: 'No filter selected'

MESSAGES – 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: **l** BILL **l** CLM U2A **l** ECMS **l** ESMIG **l** RTGS **l** T2S **l** TIPS 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: **l** System Event Notification (admi.004) **l** Receipt Acknowledgement (admi.007) **l** Return Account (camt.004) **l** Return Transaction (camt.006) **l** Return Business Day Information (camt.019) **l** Receipt (camt.025) **l** Resolution Of Investigation (camt.029) **l** Return Reservation (camt.047) **l** Modify Reservation (camt.048) **l** Delete Reservation (camt.049) **l** Liquidity Transfer (camt.050) **l** Bank To Customer Statement (camt.053) **l** Bank To Customer Debit/Credit Notification (camt.054) **l** FI to FI Payment Cancellation Request (camt.056) **l** Credit line and Minimum Reserve (camt.998)

MESSAGES – QUERY SCREEN – GENERAL	
	l Payment Status Report (pacs.002) l Financial Institution Credit Transfer (pacs.009) l 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. 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: l Accepted l Provided l Rejected For details on the message statuses see CLM UDFS chapter 'CLM message statuses'. Default value: 'No filter selected'

Table 26 - 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

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

Table 27 - 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:
	l Business Case ID
	l Clearing System Reference
	l From BIC (BAH)
	l Message Direction
	l Message ID
	l Message Origin/Destination
	l Message Status
	l Message Type
	l Origin UETR
	l Receiving Country
	l Sending Country
	l Timestamp
	l To BIC (BAH)
	l 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:
	l Ascending
	l 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

MESSAGES – QUERY SCREEN – OUTPUT PARAMETERS
Screen'.
By default, the following values are selected:
l Business Case ID
l Clearing System Reference
l From BIC (BAH)
l Message Direction
l Message ID
l Message Origin/Destination
l Message Status
l Message Type
l Origin UETR
l Receiving Country
l Sending Country
l Timestamp
l To BIC (BAH)
l UETR
The user can deselect default values.

Table 28 - Messages – Query Screen – Output Parameters

Buttons

MESSAGES – 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 Messages – List Screen [▶ 84].
Reset	The user can click on this button to reset all fields to their default values.

Table 29 - Messages – Query Screen – Buttons

5.1.7 Messages – List Screen

Context of Usage

This screen lists all messages meeting a defined set of criteria.

These criteria were either defined on the Messages – Query Screen [▶ 77] or implicitly defined when opening this screen via a context menu.

Screen Access

This screen can be reached in the following ways:

l Cash Transfers and Messages >> Messages – Query Screen >> [Submit]

l Cash Transfers and Messages >> Cash Transfers – Query Screen >> [Submit] >> Cash Transfers – List Screen >> Context menu entry 'Display Message'

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

Privileges

To use this screen the following privilege is needed:

l CLM_QueryMsg

References

This screen is part of the following use cases:

l Query messages [▸ 246]

l Display message [▸ 248]

Screenshot

Figure 72 - Messages – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Messages – Query Screen [▸ 77]. The columns displayed in 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.
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.
UETR	This column shows the UETR of the message.
Origin UETR	This column shows the origin UETR of the message.
Message Status	This column shows the status of the message.

MESSAGES – LIST SCREEN – LIST OF MESSAGES	
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.
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 30 - Messages – List Screen – List of Messages

Context Menu

MESSAGES – LIST SCREEN – LIST OF MESSAGES – CONTEXT MENU	
Details	This context menu entry opens the Messages – Details Screen [▸ 87] for the selected message.
Display Business Case	This context menu entry opens the 'Business Case – List Screen'. This entry is only visible for: l Operator l CB Note: Visibility for 'CB' includes visibility for a Transit Account Holder (TAH).
Display Cash Transfer	This context menu entry opens the Cash Transfers – List Screen [▸ 63]. 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: l CLM_QueryCashTrans l CLM_QueryCashTransDetails

Table 31 - Messages – List Screen – List of Messages – Context Menu

5.1.8 Messages – Details Screen

Context of Usage

This screen shows the details of messages in the original XML format in which they were 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:

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

l Cash Transfers and Messages >> Cash Transfers – List Screen >> Context menu 'Display Message' >> Messages – List Screen >> Context menu entry 'Details'

l Cash Transfers and Messages >> Cash Transfer – Details Screen >> Context menu 'Display Message' >> Messages – List Screen >> Context menu entry 'Details'

Privileges
To use this screen the following privilege is needed:

l CLM_QueryMsgDetail

References
This screen is part of the following use case:

l [Display message](#) [▶ 248]

Screenshot

Figure 73 - Messages – Details Screen (part 1)

Figure 74 - Messages – Details Screen (part 2)

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](#) [▶ 84].

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.
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.

MESSAGES – DETAILS SCREEN – GENERAL	
UETR	This field shows the UETR of the message. The UETR is an universally unique identifier which is generated by the initiating party of the payment transaction.
Origin 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.

MESSAGES – DETAILS SCREEN – GENERAL	
Message Type	This field shows the message type of the message. For possible values, see Messages – Query Screen [▶ 77].
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 32 - 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 33 - Messages – Details Screen – XML Message

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 34 - 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.

MESSAGES – DETAILS SCREEN – ESMIG COMMUNICATION	
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	This field shows the distinguished name of the signer of the business message.

Table 35 - Messages – Details Screen – ESMIG Communication

5.1.9 Account Postings – Query Screen

Context of Usage This screen offers the possibility to query postings of an account in the order of their settlement 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 Account Postings – List Screen [▶ 95].

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

l Cash Transfers and Messages >> Account Postings – Query Screen

Privileges To use this screen the following privilege is needed:

l CLM_QueryCashTrans

References This screen is part of the following use case:

l List account postings [▶ 249]

Screenshot

Figure 75 - 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 Cash Account Reference Data – Query Screen [▶ 180] as a pop-up.
	This field and the field 'Account BIC' are mutually exclusive.
	Required format: up to 34 characters
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 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 BICs – Query Screen [▶ 190] as a pop-up.

ACCOUNT POSTINGS – QUERY SCREEN – ACCOUNT INFORMATION*	
	This field and the field 'Account Number' are mutually exclusive. Required format: 8 or 11 characters

Table 36 - Account Postings – Query Screen – Account Information

ACCOUNT POSTINGS – 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 clock and the calendar buttons. Required format: YYYY-MM-DD HH:MM:SS
Timestamp To	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 clock and the calendar buttons. Required format: YYYY-MM-DD HH:MM:SS

Table 37 - Account Postings – Query Screen – Date Information

ACCOUNT POSTINGS – 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:
	l Amount
	l Calendar Date
	l Counterpart 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:
	l Ascending
	l Descending
	Default value: 'Ascending'

Table 38 - Account Postings – Query Screen – Output Parameters

Buttons

ACCOUNT 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 Account Postings – List Screen [▶ 95].
Reset	The user can click on this button to reset all fields to their default values.

Table 39 - Account Postings – Query Screen – Buttons

5.1.10 Account Postings – List Screen

Context of Usage
This screen lists all account postings meeting a defined set of criteria.

These criteria were defined on the Account Postings – Query Screen [▸ 91].

The result list shows the starting balance and the current balance of the account. By default, the account postings are shown in the result list underneath.

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

l   Cash Transfers and Messages >> Account Postings – Query Screen >> [Submit]

Privileges
To use this screen the following privilege is needed:

l   CLM_QueryCashTrans

References
This screen is part of the following use case:

l   List account postings [▸ 249]

Screenshot

Figure 76 - Account Postings – List Screen

Field Descriptions
Note: For the description of the attributes in the 'Search Criteria' section see chapter Account Postings – Query Screen [▸ 91].

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 40 - 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 41 - 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.
Counterpart BIC	This column shows the From/To BIC of the counterpart 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 42 - Account Postings – List Screen – Results – List of Account Postings

Context Menu

ACCOUNT POSTINGS – LIST SCREEN – RESULTS – LIST OF ACCOUNT POSTINGS – CONTEXT MENU	
Display Cash Transfer	This context menu entry redirects the user to the Cash Transfers – Details Screen [▸ 71] displaying the cash transfer related to the selected account posting.

Table 43 - Account Postings – List Screen – Results – List of Account Postings – Context Menu

5.1.11 Financial Institution Credit Transfer – New Screen

Context of Usage

This screen offers the possibility to enter a new financial institution credit transfer (FICT) order 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:

l   Creation of payment

l   Connected payment processing

l   Payments linked to central bank operations (credits)

The FICT may be entered by the following entities:

l   Central bank

The credited and debited CLM Accounts must be denominated in the same currency.

Screen Access

This screen can be reached in the following way:

l   Cash Transfers and Messages >> Financial Institution Credit Transfer – New Screen

Privileges

To use this screen the following privileges are needed:

l   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:

l   Enter Payment order - pacs.009 [▸ 250]

Screenshot

Figure 77 - FICT – New Screen (all sections closed)

Figure 78 - 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.

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FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER – FROM*	
BICFI*	This field shows 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 44 - 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 45 - FICT – New Screen – BAH – From – Clearing System Member ID

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER – 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

Table 46 - FICT – New Screen – BAH – From – Other

FINANCIAL INSTITUTION CREDIT 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 47 - FICT – New Screen – BAH – To

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER – 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 48 - FICT – New Screen – BAH – To – Other

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – BUSINESS APPLICATION HEADER*	
Business Message ID (Generated)	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 49 - FICT – New Screen – BAH

Screenshot

Figure 79 - FICT – New Screen – Instructing Agent

Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – INSTRUCTING AGENT*	
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 50 - FICT – New Screen – Instructing Agent

Screenshot

Figure 80 - FICT – New Screen – Debtor ID

Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – DEBTOR – DEBTOR ID*	
BICFI*	This field requires the user to enter the BIC of the debtor. Required format: 8 or 11 characters
LEI	This field offers the possibility to enter the LEI of the debtor, as defined by ISO 17442:2012. Required format: 20 total characters, starting with 18 alphanumeric characters and ending with 2 numeric characters

Table 51 - FICT – New Screen – Debtor ID

Screenshot

Figure 81 - FICT – New Screen – Instructed Agent

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 52 - FICT – New Screen – Instructed Agent

Screenshot

Figure 82 - FICT – New Screen – Creditor ID

Field 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 53 - FICT – New Screen – Creditor ID

Screenshot

Figure 83 - FICT – New Screen – Interbank Settlement

Field Descriptions

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION 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:
	▎ 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 54 - FICT – New Screen – Interbank Settlement

Screenshot

Figure 84 - FICT – New Screen – Payment ID

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.

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT 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-xxxxxxxxxxxx
	Character formats:
	▎ x - any lowercase hexadecimal character
	▎ 4 - fixed value
	▎ y - either: 8, 9, a, b

Table 55 - FICT – New Screen – Payment ID

Screenshot

Figure 85 - FICT – New Screen – Settlement Time Request and Local Instrument

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 before the cut-off 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 56 - FICT – New Screen – Settlement Time Request

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT TRANSFER – CREDIT TRANSFER TRANSACTION INFORMATION – PAYMENT TYPE INFORMATION – 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:
	❙ 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 57 - FICT – New Screen – Payment Type Information – Local Instrument

Screenshot

Figure 86 - 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. The user can add a new line for additional remittance information by clicking on the '+' button. Max. number of lines: 3 Required format: up to 140 characters per line

Table 58 - FICT – New Screen – Remittance Information

Buttons

FINANCIAL INSTITUTION CREDIT TRANSFER – NEW SCREEN – FINANCIAL INSTITUTION CREDIT 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.
	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 [▷ 290]:
	l E007
	l E018
	l U040
	l U041
	l U042
Reset	The user can click on this button to reset all fields to their default values.
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 59 - FICT – New Screen – Buttons

5.2 Liquidity

5.2.1 CLM Cash Account Liquidity – Query Screen

Context of Usage

This screen offers the possibility to query the overall liquidity of an MCA that takes into 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:

l   Liquidity >> CLM Cash Account Liquidity – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryAvaLiq

References

This screen is part of the following use case:

l   Display cash account liquidity (one service only) [▷ 251]

Screenshot

Figure 87 - CLM Cash Account Liquidity – Query Screen

Field Descriptions

CLM CASH ACCOUNT LIQUIDITY – QUERY SCREEN – GENERAL*	
Account Number	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 Cash Account Reference Data – Query Screen [▷ 180] as a pop-up.
	This field and the field 'Account BIC' are mutually exclusive.
	Required format: up to 34 characters
Account BIC	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 BICs – Query Screen [▷ 190] as a pop-up.
	This field and the field 'Account Number' are mutually exclusive.
	Required format: 8 or 11 characters

Table 60 - CLM Cash Account Liquidity – Query Screen – General

Buttons

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 CLM Cash Account Liquidity – Display Screen [▷ 114].
Reset	The user can click on this button to reset all fields to their default values.

Table 61 - CLM Cash Account Liquidity – Query Screen – Buttons

5.2.2 CLM Cash Account Liquidity – Display Screen

Context of Usage

This screen displays the overall liquidity of a CLM account that takes into 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:

l Liquidity >> CLM Cash Account Liquidity – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryAvaLiq

References

This screen is part of the following use case:

l Display cash account liquidity (one service only) [▷ 251]

Screenshot

Figure 88 - CLM Cash Account Liquidity – Display Screen (part 1)

Figure 89 - CLM Cash Account Liquidity – Display Screen (part 2)

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter CLM Cash Account Liquidity – Query Screen [▶ 112].

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – ACCOUNT INFORMATION	
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 62 - CLM Cash Account Liquidity – Display Screen – Results CLM – Account Information

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – LIQUIDITY INFORMATION	
Starting Balance	This row shows the starting balance of the account.

Table 63 - CLM Cash Account Liquidity – Display Screen – Results CLM – Liquidity Information

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – 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 Cash Transfers – List Screen [▸ 63] opens while transmitting the following values: l Credits / Debits l Cash Transfer Type l Cash Transfer Status l Account Number l Account BIC Required privileges: l CLM_QueryCashTrans l 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

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – SETTLED CASH TRANSFERS	
	list of cash transfers. By clicking on the arrow icon, the 'Cash Transfers - List Screen' opens while transmitting the following values: **l** Credits / Debits **l** Cash Transfer Type **l** Cash Transfer Status **l** Account Number **l** Account BIC Required privileges: **l** CLM_QueryCashTrans **l** 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: **l** Credits / Debits **l** Cash Transfer Type **l** Cash Transfer Status **l** Account Number **l** Account BIC Required privileges: **l** CLM_QueryCashTrans **l** 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: **l** Credits / Debits

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – SETTLED CASH TRANSFERS	
	ı Cash Transfer Type
	ı Cash Transfer Status
	ı Account Number
	ı Account BIC
	Required privileges:
	ı CLM_QueryCashTrans
	ı 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 64 - CLM Cash Account Liquidity – Display Screen – Results CLM – Settled Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – 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:
	ı Credits / Debits
	ı Cash Transfer Type
	ı Cash Transfer Status
	ı Account Number
	ı Account BIC

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – QUEUED CASH TRANSFERS

	Required privilege: CLM_QueryCashTrans
Queued Credit Payments	This row shows the total amount value of queued 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: l Credits / Debits l Cash Transfer Type l Cash Transfer Status l Account Number l 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 [▸ 124] opens while transmitting the following values: l Account Number Required privilege: CLM_QueryCreLineList

Table 65 - CLM Cash Account Liquidity – Display Screen – Results CLM – Queued Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – EARMARKED CASH TRANSFERS

Earmarked Debit Cash Transfers	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: l Credits / Debits l Cash Transfer Status

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – EARMARKED CASH TRANSFERS	
	l Account Number **l** Account BIC 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: **l** Credits / Debits **l** Cash Transfer Status **l** Account Number **l** 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 66 - CLM Cash Account Liquidity – Display Screen – Results CLM – Earmarked Cash Transfers

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – 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 67 - CLM Cash Account Liquidity – Display Screen – Results CLM – Reservations

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – PENDING RESERVATIONS	
Reservations for Central Bank Operations	This row shows the total amount value of pending CBO reservations.
Reservations for Seizure of Funds	This row shows the total amount value of pending seizure of funds reservations.

Table 68 - CLM Cash Account Liquidity – Display Screen – Results CLM – Pending Reservations

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – FLOOR/CEILING INFORMATION	
Floor Threshold	This row shows the total amount value of the floor threshold.
Ceiling Threshold	This row shows the total amount value of the ceiling threshold.

Table 69 - CLM Cash Account Liquidity – Display Screen – Results CLM – Floor/Ceiling Information

Buttons

CLM CASH ACCOUNT LIQUIDITY – DISPLAY SCREEN – RESULTS CLM – BUTTONS	
New Liquidity Transfer	The user can click on this button to create a new liquidity transfer. The Liquidity Transfer – New Screen [▶ 128] opens while transmitting the following value: ▌ Account Number Required privilege: CLM_IniImLiquiTrans
Modify Credit Line	The user can click on this button to modify the credit line. The Credit Line per Account Holder – List Screen [▶ 124] opens while transmitting the following value: ▌ Account Number This button is only visible for: ▌ Operator ▌ CB Required privilege: CLM_QueryCreLineList

Table 70 - CLM Cash Account Liquidity – Display Screen – Results CLM – Buttons

5.2.3 Credit Line per Account Holder – Query Screen

Context of Usage

This screen offers the possibility to query one or all credit lines for central bank users related 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 Credit Line per Account Holder – List Screen [▷ 124].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l Liquidity >> Credit Line per Account Holder – Query Screen

Privileges

To use this screen the following privilege is needed:

l CLM_QueryCreLineList

References

This screen is part of the following use case:

l List credit lines [▷ 253]

Screenshot

Figure 90 - Credit Line per Account Holder – Query Screen

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 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 [▷ 172] 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 Cash Account Reference Data – Query Screen [▷ 180] 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

Table 71 - Credit Line per Account Holder – Query Screen – General

CREDIT LINE 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:

CREDIT LINE PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAMETERS	
	⏐ Party BIC ⏐ 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'

Table 72 - 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 Credit Line per Account Holder – List Screen [▷ 124].
Reset	The user can click on this button to reset all fields to their default values.

Table 73 - Credit Line per Account Holder – Query Screen – Buttons

5.2.4 Credit Line per Account Holder – List Screen

Context of Usage

This screen lists either one specific or all credit lines for default MCAs meeting a defined set of criteria. It also offers the possibility to modify credit lines via a fixed or a delta amount.

These criteria were either defined on the Credit Line per Account Holder – Query Screen [▷ 122] or implicitly defined when opening the screen CLM Cash Account Liquidity – Display Screen [▷ 114] and clicking on the button 'Modify Credit Line' (with pre-filled Main Cash Account Number).

The result list only shows the credit lines that are related to a certain Party BIC or Account Number 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:

    l   Liquidity >> Credit Line per Account Holder – Query Screen >> [Submit]

    l   Liquidity >> CLM Cash Account Liquidity – Query Screen >> [Submit] >> CLM Cash Account Liquidity – Display Screen >> [Modify Credit Line]

Privileges   To use this screen the following privilege is needed:

    l   CLM_QueryCreLineList

References   This screen is part of the following use cases:

    l   List credit lines [▷ 253]

    l   Modify credit line [▷ 254]

Screenshot

Figure 91 - Credit Line per Account Holder – List Screen

Field 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 [▷ 122].

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 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

CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF CASH ACCOUNT REFERENCE DATA	
	current business day.
Pending Credit Line Update	This column shows any pending credit line update for the default MCA.
Credit Line After Update	This column shows the result of 'Current Credit Line' reduced by 'Pending Credit Line Update'.
Fixed Amount CL Modification	This column offers the possibility to enter the 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. 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
Delta Amount CL Modification	This field offers the possibility to enter the credit line update 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. 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 74 - Credit Line per Account Holder – List Screen – Results – List of Cash Account RD

Buttons

CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – BUTTONS	
Submit	The user can click on this button to submit the credit line modification(s). 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,

CREDIT LINE PER ACCOUNT HOLDER – LIST SCREEN – BUTTONS	
	it also shows a task ID. References for error messages [▶ 290] ❙ E018 ❙ U040 ❙ U041 ❙ U045
Reset	The user can click on this button to reset all fields to their default values.

Table 75 - Credit Line per Account Holder – List Screen – Buttons

5.2.5 Liquidity Transfer – New Screen

Context of Usage

This screen offers the possibility to create a new liquidity transfer order.

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).

This screen can also be used to initiate or reverse an overnight deposit or a marginal lending on request.

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:

l Liquidity >> Liquidity Transfer – New Screen

l Liquidity >> CLM Cash Account Liquidity – Query Screen >> [Submit] >> CLM Cash Account Liquidity – Display Screen >> [New Liquidity Transfer]

l Standing Facilities >> Standing Facilities – Query Screen >> [Submit] >> Context menu entry 'New Liquidity Transfer to Marginal Lending Account'

l Standing Facilities >> Standing Facilities – Query Screen >> [Submit] >> Context menu entry 'New Liquidity Transfer from/to Overnight Deposit Account'

Privileges

To use this screen the following privileges are needed:

l CLM_IniImLiquiTrans

l CLM_IniMarLenonreq (This privilege is only needed in order to be able to initiate a marginal lending on request.)

l CLM_IniOveDeprev (This privilege is only needed in order to be able to initiate an overnight deposit reversal.)

l CLM_IniOveDep (This privilege is only needed in order to be able to initiate an overnight deposit.)

References

This screen is part of the following use cases:

l Enter current liquidity transfer order [▶ 252]

l Enter overnight deposit [▶ 255]

l Enter marginal lending on request [▶ 256]

Screenshot

Figure 92 - LT – New Screen

Field Descriptions

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION – 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 [▷ 180] 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 [▷ 114], the default value for the debit account is the CLM MCA account number from that screen.
	Required format: up to 34 characters
	References for error messages [▷ 291]:
	l U021
	l U023
	l U028
	l U030
	l U032
	l U034

Table 76 - LT – New Screen – Liquidity Transfer Account Information – Debit Account

Buttons

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION – DEBIT ACCOUNT – BUTTONS	
Display Liquidity	Clicking on this button opens the 'Dashboard Liquidity Overview – Display Screen' while transmitting the following value:
	l 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_QueryAccBal

Table 77 - LT – New Screen – Liquidity Transfer Account Information – Debit Account – Buttons

Field Descriptions

LIQUIDITY TRANSFER – NEW 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 Cash Account Reference Data – Query Screen [▶ 180] 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
	References for error messages [▶ 291]:
	▮ U023
	▮ U024
	▮ U027
	▮ U028
	▮ U030
	▮ U033
	▮ U034
	▮ U038

Table 78 - 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 Overview – Display Screen' while transmitting the following value:
	▮ 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

LIQUIDITY TRANSFER – NEW SCREEN – LIQUIDITY TRANSFER ACCOUNT INFORMATION – CREDIT ACCOUNT – BUTTONS	
	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_QueryAccBal

Table 79 - 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 References for error messages [291]: l 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: l Must not start or end with a space, but may have space/s within the middle l Must not start or end with a slash l May contain slashes within the middle, but not more than one consecutive slash References for error messages [291]: l U023

Table 80 - LT – New Screen – Liquidity Transfer Details

Buttons

LIQUIDITY TRANSFER – NEW SCREEN – BUTTONS	
Submit	The user can click on this button to submit the liquidity transfer order. After clicking on this button, the notification area shows

LIQUIDITY TRANSFER – NEW 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 [▶ 291]: l E018 l E043 l E097 l U021 l U023 l U024 l U027 l U028 l U030 l U032 l U033 l U034 l U035 l U036 l U038 l U039 l U040 l U041
Reset	The user can click on this button to reset all fields to their default values.

Table 81 - 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 Reservations – Display Screen [▶ 137].

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:

l   Liquidity Management Features >> Reservations – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryCurReservation

References

This screen is part of the following use case:

l   Query reservations [▶ 257]

Screenshot

Figure 93 - Reservations – Query Screen

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 Cash Account Reference Data – Query Screen [▷ 180] 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
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 Cash Account Reference Data – Query Screen [▷ 180] as a pop-up. While searching, the displayed values are 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 82 - 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 Reservations – Display Screen [▶ 137].
Reset	The user can click on this button to reset all fields to their default values.

Table 83 - Reservations – Query Screen – Buttons

5.3.2 Reservations – Display 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 Reservations – Query Screen [▷ 134].

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:

l   Liquidity Management Features >> Reservations – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryCurReservation

References

This screen is part of the following use cases:

l   Display reservations [▷ 258]

l   Enter current reservation [▷ 259]

l   Modify current reservation [▷ 260]

Screenshot

Figure 94 - Reservations – Display Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Reservations – Query Screen [▷ 134].

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 84 - 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.
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 85 - 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.
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: l CB l Operator Required privilege: CLM_ModSeizofFun

Table 86 - Reservations – Display Screen – Results – Reservation for Seizure of Funds

Buttons

RESERVATIONS – DISPLAY SCREEN – BUTTONS	
Submit	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 was 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 was successful. In case of successful data submission, the notification area also shows a task ID.
	Required privileges:
	l CLM_ModifyCurReservation
	l CLM_ModSeizofFun (This privilege is required in order to modify the seizure of funds.)
	References for error message: [▶ 301]
	l E018
	l E055
	l U039
	l U040
	l U041
	l U050
Reset	The user can click on this button to reset all fields to their default values.
	Required privileges:
	l CLM_ModifyCurReservation
	l CLM_ModSeizofFun (This privilege is required in order to modify the seizure of funds.)

Table 87 - Reservations – Display Screen – Buttons

5.4 Minimum Reserves

5.4.1 Minimum Reserve – Query Screen

Context of Usage

This screen offers the possibility to query minimum reserve balances for:

l   Direct holders of minimum reserve

l   Indirect holders of minimum reserve

l   Leading CLM account holders belonging to a minimum reserve pool

This screen queries only minimum reserve balances valid for the currently running minimum reserve period.

The data related to the queried party is shown depending on the kind of minimum reserve holding in the following screens:

l   <u>Minimum Reserve (Direct) – List screen</u> [▶ 143]

l   <u>Minimum Reserve (Indirect) – List screen</u> [▶ 147]

l   Minimum Reserve (Pool) – List screen

l   Minimum Reserve (Pool of Account Party Level) – List screen

Screen Access

This screen can be reached in the following way:

l   Minimum Reserves >> Minimum Reserve – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryMinRes

References

This screen is part of the following use case:

l   <u>Display minimum reserve requirements and fulfilments per MFI</u> [▶ 261]

l   <u>Display aggregated MFI liquidity (indirect management)</u> [▶ 262]

Screenshot

Figure 95 - Minimum Reserve – Query Screen

Field Descriptions

MINIMUM RESERVE – QUERY SCREEN – GENERAL	
Minimum Reserve Period Start	This field is pre-filled with the first day of the current minimum reserve period. This value cannot be modified.
Minimum Reserve Period End	This field is pre-filled with the last day of the current minimum reserve period. This value cannot be modified.
Party BIC*	This field requires the user to enter the party BIC for which minimum reserve information are requested. 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 [▷ 172] as a pop-up. Required format: 8 or 11 characters

Table 88 - 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:
	l Minimum Reserve (Direct) – List Screen [▶ 143]
	l Minimum Reserve (Indirect) – List Screen [▶ 147]
	l Minimum Reserve (Pool) – List Screen
	l Minimum Reserve (Pool of Account Party Level) – List Screen
Reset	The user can click on this button to reset all fields to their default values.

Table 89 - Minimum Reserve – Query Screen – Buttons

5.4.2 Minimum Reserve (Direct) – List Screen

Context of Usage This screen lists the minimum reserve requirements for the party BIC and the current minimum reserve period as entered in the Minimum Reserve – Query Screen [▶ 141].

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).

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

l Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit]

Privileges To use this screen the following privilege is needed:

l CLM_QueryMinRes

References This screen is part of the following use cases:

l Display minimum reserve requirements and fulfilments per MFI [▶ 261]

l Display aggregated MFI liquidity (indirect management) [▶ 262]

Screenshot

Figure 96 - Minimum Reserve (Direct) - List Screen

Field Descriptions

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 Screen'. This value cannot be modified.
Party Name	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 90 - Minimum Reserve (Direct) – List Screen – Results – Party Information

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE	
Minimum Reserve Period Start	This field is pre-filled with the start date of the current minimum reserve period. This value cannot be modified.
Minimum Reserve Period End	This field is pre-filled with the end date of the current minimum reserve 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. 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 91 - Minimum Reserve (Direct) – List Screen – Results – Minimum Reserve

Buttons

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE – BUTTONS	
Display Minimum Reserves of Indirects	Clicking on this button redirects the user to the Minimum Reserve (Indirect) – List Screen [▸ 147] 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 92 - 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 minimum reserve 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 minimum reserve period to fulfil its

MINIMUM RESERVE (DIRECT) – LIST SCREEN – RESULTS – FULFILMENT OF MINIMUM RESERVE	
	minimum reserve requirement. This value cannot be modified.
	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 minimum reserve 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 minimum reserve 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 minimum reserve period. This value cannot be modified.

Table 93 - 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.

Table 94 - Minimum Reserve (Direct) – List Screen – Results – List of Account Balances

5.4.3 Minimum Reserve (Indirect) – List Screen

Context of Usage

This screen lists the minimum reserve requirements for the party BIC and the current minimum reserve period as entered in the Minimum Reserve – Query Screen [▶ 141].

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 [▶ 143].

The screen shows all minimum reserve requirements of all indirect participants that are linked to a participant.

Screen Access

This screen can be reached in the following ways:

l Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit]

l Minimum Reserves >> Minimum Reserve – Query Screen >> [Submit] >> Minimum Reserve (Direct) – List Screen >> [Display Minimum Reserves of Indirects]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryMinRes

References

This screen is part of the following use case:

l Display aggregated MFI liquidity (indirect management) [▶ 262]

Screenshot

Figure 97 - Minimum Reserve (Indirect) - List Screen

Field Descriptions

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 95 - Min. Reserve (Indirect) – List Screen – Leading CLM Account Holder

MINIMUM RESERVE (INDIRECT) – LIST SCREEN – RESULTS – MINIMUM RESERVE	
Minimum Reserve Period Start	This field shows the start date of the current minimum reserve period. This value cannot be modified.
Minimum Reserve Period End	This field shows the start date of the current minimum reserve period. This value cannot be modified.

Table 96 - Min. Reserve (Indirect) – List Screen – Min. Reserve

MINIMUM RESERVE (INDIRECT) – LIST SCREEN – RESULTS – RELATED PARTIES HOLDING 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 also contains a sum at the end.

Table 97 - Min. Reserve (Indirect) – List Screen – Rel. Parties holding their Min. Reserve Req. Indirectly

5.4.4 Minimum Reserve Requirements – Query Screen

Context of Usage

This screen offers the possibility for central bank users to query the minimum reserve requirements of their community.

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 requirements matching the data of the search fields are shown in the Minimum Reserve Requirements – List Screen [▷ 152].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Minimum Reserves >> Minimum Reserve Requirements – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryListMinResReq

References

This screen is part of the following use case:

l   Enter/Modify minimum reserve requirement [▷ 265]

Screenshot

Figure 98 - Minimum Reserve Requirements – Query Screen

Field Descriptions

MINIMUM RESERVE REQUIREMENTS – QUERY SCREEN – GENERAL	
Minimum Reserve Period*	This field requires the user to select the current or the next minimum reserve period. The selectable minimum reserve periods are displayed as a range with a start and an end date. Default value: Dates of current minimum reserve 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 [▸ 172] as a pop-up. Required format: 8 or 11 characters

Table 98 - Minimum Reserve Requirements – Query Screen – General

MINIMUM RESERVE REQUIREMENTS – 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: ❙ Party BIC ❙ Minimum Reserve Requirement Default value: 'Party BIC'
Sort Order	This field offers the possibility to select the order which is to be

Screen Reference Guide – Description of Screens

Minimum Reserves

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 99 - Minimum Reserve Requirements – Query Screen – Output Parameters

Buttons

MINIMUM RESERVE REQUIREMENTS – QUERY SCREEN – 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 [▶ 152].
Reset	The user can click on this button to reset all fields to their default values.

Table 100 - Minimum Reserve Requirements – Query Screen – Buttons

5.4.5 Minimum Reserve Requirements – List Screen

Context of Usage

This screen lists all minimum reserve requirements meeting a defined set of criteria.

These criteria were defined on the Minimum Reserve Requirements – Query Screen [▷ 159].

Furthermore, this screen offers the possibility for central bank users to modify the minimum reserve requirement for parties for the current and the next minimum reserve period.

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l Minimum Reserves >> Minimum Reserve Requirements – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryListMinResReq

References

This screen is part of the following use case:

l Enter/modify minimum reserve requirement [▷ 265]

Screenshot

Figure 99 - Minimum Reserve – Requirements List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Minimum Reserve Requirements – Query Screen [▷ 149].

MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – RESULTS – MINIMUM RESERVE	
Minimum Reserve Period Start	This field shows the start date of the selected minimum reserve period.
Minimum Reserve Period End	This field shows the end date of the selected minimum reserve period.

Table 101 - Minimum Reserve Requirements – List Screen – Minimum Reserve

MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE 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 minimum reserve 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 102 - 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). After clicking on this button, the notification area shows whether the data submission and task creation was successful. In case of successful data submission, the

MINIMUM RESERVE REQUIREMENTS – LIST SCREEN – BUTTONS	
	notification area also shows a task ID. Required privilege: CLM_ModMinResReq References for error messages [▷ 300]: l E018 l U039 l U040 l U041 l U051 l U054 l U055
Reset	The user can click on this button to reset all fields to their default values. Required privilege: CLM_ModMinResReq

Table 103 - Minimum Reserve Requirements – List Screen – Buttons

5.4.6 Minimum Reserve Fulfilments – Query Screen

Context of Usage   This screen offers the possibility for central bank users to query the minimum reserve fulfilment of one party 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 [▷ 156].

This screen is only available for operators and central bank users.

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

l   Minimum Reserves >> Minimum Reserve Fulfilments – Query Screen

Privileges   To use this screen the following privilege is needed:

l   CLM_QueryListMinResFul

References   This screen is part of the following use case:

l   Modify minimum reserve fulfilment [▷ 266]

Screenshot

Figure 100 - 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 Party Reference Data – Query Screen [▷ 172] as a pop-up.
	Required format: 8 or 11 characters

Table 104 - 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 Minimum Reserve Fulfilments – List Screen [▷ 156].
Reset	The user can click on this button to reset all fields to their default values.

Table 105 - Minimum Reserve Fulfilments – Query Screen – Buttons

5.4.7 Minimum Reserve Fulfilments – List Screen

Context of Usage

This screen lists the minimum reserve fulfilments of a defined party.

The party was defined on the Minimum Reserve Fulfilments – Query Screen [▶ 154].

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 past business days of the current minimum reserve period.

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Minimum Reserves >> Minimum Reserve Fulfilments – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryListMinResFul

References

This screen is part of the following use case:

l   Modify minimum reserve fulfilment [▶ 266]

Screenshot

Figure 101 - Minimum Reserve Fulfilments – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Minimum Reserve Fulfilments – Query Screen [▶ 154].

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 106 - Minimum Reserve Fulfilments – List Screen – Results – Party Information

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – MINIMUM RESERVE	
Minimum Reserve Period Start	This field shows the start date of the current minimum reserve period.
Minimum Reserve Period End	This field shows the end date of the current minimum reserve period.

Table 107 - Minimum Reserve Fulfilments – List Screen – Results – Minimum Reserve

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE FULFILMENTS	
Business Day	This column shows all past business days of the current minimum reserve 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 108 - Minimum Reserve Fulfilments – List Screen – Results – List of Minimum Reserve Fulfilments

Buttons

MINIMUM RESERVE FULFILMENTS – LIST SCREEN – RESULTS – LIST OF MINIMUM RE-SERVE 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).
	After clicking on this button, the notification area shows whether the data submission and task creation was successful. In case of successful data submission, the notification area also shows a task ID.
	Required privilege: CLM_ModMinResFul
	References for error messages: [▶ 297]
	l E018
	l U039
	l U040
	l U041
	l U051
	l U052
	l U053
Reset	The user can click on this button to reset all fields to their default values.
	Required privilege: CLM_ModMinResFul

Table 109 - Minimum Reserve Fulfilments – List Screen – Buttons

5.4.8 Minimum Reserve Infringements – Query Screen

Context of Usage

This screen offers the possibility for central bank users to query the infringements of the community.

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 [▶ 162].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Minimum Reserves >> Minimum Reserve Infringements – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryMinResInf

References

This screen is part of the following use cases:

l   Query minimum reserve infringement penalty payment [▶ 263]

l   Display minimum reserve infringement penalty payment [▶ 263]

l   Authorise/cancel minimum reserve infringement penalty payment [▶ 264]

Screenshot

Figure 102 - Minimum Reserve Infringements – Query Screen

Field Descriptions

MINIMUM RESERVE INFRINGEMENTS – QUERY SCREEN – GENERAL	
Minimum Reserve Period	This field offers the possibility to restrict the result list to infringements of a past minimum reserve period.
	The selectable minimum reserve periods are displayed as a range with a start and an end date.
	Default value: Dates of previous minimum reserve 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 minimum reserve period is earlier than the previous minimum reserve 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 minimum reserve 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 [▶ 172] as a pop-up.
	Required format: 8 or 11 characters

Table 110 - Minimum Reserve Infringements – Query Screen – General

MINIMUM RESERVE INFRINGEMENTS – 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:
	l Average Balance
	l Infringement
	l Minimum Reserve Period
	l Party BIC
	l Penalty Amount
	l 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:
	l Ascending
	l Descending
	Default value: 'Ascending'

Table 111 - Minimum Reserve Infringements – Query Screen – Output Parameters

Buttons

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 Minimum Reserve Infringements – List Screen [▷ 162].
Reset	The user can click on this button to reset all fields to their default values.

Table 112 - Minimum Reserve Infringements – Query Screen – Buttons

5.4.9 Minimum Reserve Infringements – List Screen

Context of Usage

This screen lists all minimum reserve infringements meeting a defined set of criteria.

These criteria were defined on the Minimum Reserve Infringements – Query Screen [▷ 159].

Furthermore, this screen allows central bank users to inspect the infringements of the community and administrate a penalty via opening the Minimum Reserve Infringements – Administrate Minimum Reserve Penalty Order – Pop-up [▷ 164].

Screen Access

This screen can be reached in the following way:

l Minimum Reserves >> Minimum Reserve Infringements – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryMinResInf

References

This screen is part of the following use cases:

l Query minimum reserve infringement penalty payment [▷ 263]

l Display minimum reserve infringement penalty payment [▷ 263]

l Authorise/cancel minimum reserve infringement penalty payment [▷ 264]

Screenshot

Figure 103 - 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 [▷ 159].

MINIMUM RESERVE INFRINGEMENTS – 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.
Minimum Reserve Period	This column shows the start date and the end date of the corresponding minimum reserve period.
Total Minimum Reserve Requirement	This column shows the total amount of the minimum reserve requirement for the specified party and the respective minimum reserve 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 minimum reserve 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 minimum reserve period is earlier than the previous minimum reserve 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 minimum reserve 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: l When the CB user has cancelled the penalty l When the CB user has not approved the penalty

Table 113 - 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	
Administrate Minimum Reserve Penalty Order	This context menu entry opens the Minimum Reserve Infringements - Administrate Minimum Reserve Penalty Order - Pop-up [▶ 164] 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: **l** CB Required privilege: CLM_AdmMinResPen

Table 114 - Min. Reserve Infringements – List Screen – List of Min. Reserve Infr. – Context Menu

5.4.10 Minimum Reserve Infringements – Administrate Min. Reserve Penalty Order – Pop-up

Context of Usage
This pop-up screen offers the possibility to authorize or cancel a penalty for minimum reserve infringements.

This screen is only available for operators and central bank users.

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

l 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:

l CLM_AdmMinResPen

References
This screen is part of the following use case:

l Authorise/cancel minimum reserve infringement penalty payment [▶ 264]

Screenshot

Figure 104 - 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 115 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Party Info.

MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY ORDER – POP-UP – MINIMUM RESERVE	
Minimum Reserve Period Start	This field shows the start date of the corresponding minimum reserve period.
Minimum Reserve Period End	This field shows the end date of the corresponding minimum reserve period.

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 account balances of the party during the minimum reserve period.
Infringement	This field shows the amount of the minimum reserve infringement.

Table 116 - 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: l Penalty Authorised Type 1 l Penalty Authorised Type 2 l Penalty Cancelled Default value: empty In order to be able to proceed, the user has to select a value.

Table 117 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Penalty Data

Buttons

MINIMUM RESERVE INFRINGEMENTS – ADMINISTRATE MINIMUM RESERVE PENALTY ORDER – POP-UP – BUTTONS	
Submit	The user can click on this button to initiate the approval or cancellation of the infringement penalty.
	After clicking on this button, the notification area on the Minimum Reserve Infringements – List Screen [▶ 162] 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: [▶ 299]
	l E018
	l E117
	l U039
	l U040
	l U041
	l U056

Table 118 - Min. Reserve Infringements – Admin. Min. Reserve Penalty Order – Pop-up – Buttons

5.5 Query Standing Facilities

5.5.1 Standing Facilities – Query Screen

Context of Usage

This screen offers the possibility to query standing facility account data of one CLM account holder.

This screen queries only account balances related to standing facility accounts (i.e. Overnight Deposit Accounts and Marginal Lending Accounts) and their linked MCA related to one specific CLM account holder.

The account data matching the data of the search field is shown in the Standing Facilities – List Screen [▶ 168].

Screen Access

This screen can be reached in the following way:

l   Standing Facilities - Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryStaFac

References

This screen is part of the following use case:

I [Display Standing Facilities Transfers](#) [▶ 268]

Screenshot

Figure 105 - 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 [Party Reference Data – Query Screen](#) [▶ 172] as a pop-up.
	Required format: 8 or 11 characters

Table 119 - Standing Facilities – Query Screen – Party Information

Buttons

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 [Standing Facilities – List Screen](#) [▶ 168].
Reset	The user can click on this button to reset all fields to their default values.

Table 120 - Standing Facilities – Query Screen – Buttons

5.5.2 Standing Facilities – List Screen

Context of Usage

This screen lists all standing facilities account data meeting a defined set of criteria.

These criteria were defined on the [Standing Facilities – Query Screen](#) [▶ 167].

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

l   Standing Facilities – Query Screen >> [Submit]

Privileges   To use this screen the following privilege is needed:

l   CLM_QueryStaFac

References   This screen is part of the following use cases:

l   Display standing facilities transfers [▷ 268]

l   Enter overnight deposit [▷ 255]

l   Enter marginal lending on request [▷ 256]

Screenshot

Figure 106 - Standing Facilities - List Screen

Field
Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Standing Facilities – Query Screen [▷ 167].

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 121 - Standing Facilities – List Screen – Results – Party Information

STANDING FACILITIES – LIST SCREEN – RESULTS – LIST OF STANDING FACILITIES	
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, 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: **l** Marginal Lending Account **l** Overnight Deposit 'Account **l** 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.

Table 122 - Standing Facilities – List Screen – Results – List of Standing Facilities

Context Menu

STANDING FACILITIES – LIST SCREEN – RESULTS – LIST OF STANDING FACILITIES – CONTEXT MENU	
New Liquidity Transfer from Marginal Lending Account	This context menu entry redirects the user to the Liquidity Transfer – New Screen [▷ 128] while transmitting the following values: **l** Marginal lending account number (Debit Account) **l** Default MCA number (Credit Account) This entry is only visible for: **l** Operator **l** CLM CB Account Holder Required privilege: CLM_IniMarLenonreq
New Liquidity Transfer from Overnight Deposit Account	This context menu entry redirects the user to the 'Liquidity Transfer – New Screen' while transmitting the following values: **l** Overnight Deposit Account number (Debit Account) **l** Default MCA number (Credit Account) Required privilege: CLM_IniOveDeprev
New Liquidity Transfer to Overnight Deposit Account	This context menu entry redirects the user to the 'Liquidity Transfer – New Screen' while transmitting the following values: **l** Default MCA number (Debit Account) **l** 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 [▷ 63] displaying the cash transfers related to the previously selected account number. Required privilege: CLM_QueryCashTrans

Table 123 - Standing Facilities – List Screen – Results – List of Standing Facilities – Context Menu

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 such as the Party Reference Data – Query Screen [▶ 172] or the Cash Account Reference Data – Query Screen [▶ 180] will display data of RTGS and CLM regardless in which component they are defined.

5.6.1 Party Reference Data – Query Screen

Context of Usage

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 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 Party Reference Data – List Screen [▶ 177].

Screen Access

This screen can be reached in the following way:

l   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:

l   CLM_Querylocpartrefdat

References

This screen is part of the following use case:

l   Query/List party reference data [▶ 269]

Screenshot

Figure 107 - Party RD – Query Screen

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 allowed)	This field offers the possibility to restrict the result list to 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: ┃ Ancillary System ┃ Central Bank ┃ Operator ┃ Payment Bank Default value: 'No filter selected'

PARTY REFERENCE DATA – QUERY SCREEN – GENERAL	
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:
	l Ancillary System
	l CLM Account Holder
	l CLM CB Account Holder
	l CLM CB Technical Account Holder
	l CLM Transit Account Holder
	l Inst. Managing MR Without Account In CLM
	l Operator
	l RTGS Account Holder
	l RTGS CB Account Holder
	l RTGS Transit Account Holder
	Default value: 'No filter selected'

PARTY REFERENCE 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: **l** Procedure A **l** Procedure B **l** Procedure C **l** Procedure D **l** Procedure E This field is only active when the field 'Service Party Type' is filled with the value '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: **l** Operator **l** 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'

Table 124 - Party RD – Query Screen – General

PARTY REFERENCE 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: l AS Procedure l Backup Payments Allowed l Banking Group l Blocking Status l Country Code l MFI Code l Parent BIC l Party BIC l Party Long Name l Party Type l Service Party Type l 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: l Ascending l Descending Default value: 'Ascending'

Table 125 - 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 Party Reference Data – List Screen [▶ 177].
Reset	The user can click on this button to reset all fields to their default values.

Table 126 - Party RD – Query Screen – Buttons

5.6.2 Party Reference Data – List Screen

Context of Usage
This screen lists all parties and their reference data meeting a defined set of criteria.

These criteria were defined on the Party Reference Data - Query Screen [▶ 172].

The result list only shows the party reference data that is within the data scope of the user.

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

l Reference Data >> Party Reference Data – Query Screen >> [Submit]

Privileges
To use this screen the following privilege is needed:

l CLM_Querylocpartrefdat

References
This screen is part of the following use case:

l Query/List party reference data [▶ 269]

Screenshot

Figure 108 - Party RD – List Screen

Field Descriptions
Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Party Reference Data – Query Screen [▶ 172].

PARTY REFERENCE DATA – LIST SCREEN – LIST OF PARTY REFERENCE DATA	
Blocking Status	This column shows the blocking status of the party. Possible values: **l** Blocked for credits **l** Blocked for debits **l** Blocked for credit and debits **l** 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

PARTY REFERENCE DATA – LIST SCREEN – LIST OF PARTY REFERENCE DATA	
	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.

PARTY REFERENCE DATA – LIST SCREEN – LIST OF PARTY REFERENCE DATA	
Country Code	This column shows the country code of the responsible CB.
Backup Payments Allowed	This column shows whether the backup payment functionality is activated for the party. Possible values: **l** Yes **l** No This column is only visible if the result list contains at least one entry of 'Service Party Type' = 'RTGS Account Holder' or if the corresponding party is related to the user who executed the query. If the query user is not related to the displayed party the columns are not visible at all.
Value Date Check Deactivated	This column shows whether the value date check functionality is deactivated for the party. Possible values: **l** Yes **l** No This column is only visible if the result list contains at least 'Service Party Type' = 'RTGS Account Holder' or 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 this column for the queried party.

Table 127 - Party RD – List Screen – List of Party Reference Data

Context Menu

PARTY REFERENCE DATA – LIST SCREEN – CONTEXT MENU	
Display Cash Accounts	This context menu entry redirects the user to the Cash Account Reference Data – List Screen [⯈ 184] while transmitting the following value: **l** Party BIC Required privilege: CLM_QueryLocPartyCashAccRefData

Table 128 - Party RD – List Screen – Context Menu

5.6.3 Cash Account Reference Data – Query Screen

Context of Usage

This screen offers the possibility to query cash accounts to display their reference data.

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 [▶ 184].

Screen Access

This screen can be reached in the following way:

l Reference Data >> Cash Account Reference Data – Query Screen

This screen can be reached by clicking on the smart-select button for fields that require the input of account information in several screens throughout the CLM GUI.

Privileges

To use this screen the following privilege is needed:

l CLM_QueryLocPartyCashAccRefData

References

This screen is part of the following use case:

l Query/List cash account reference data [▶ 270]

Screenshot

Figure 109 - Cash Account RD – Query Screen

Field Descriptions

CASH ACCOUNT REFERENCE 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

CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – GENERAL	
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
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: l AS Guarantee Funds Account l AS Technical Account l CB ECB Account l CLM CB Account l CLM Dedicated Transit Account for RTGS l CLM Dedicated Transit Account for T2S l CLM Dedicated Transit Account for TIPS l ECB Mirror Account l ECONS II Transit Account [2] l Marginal Lending Account l MCA l Overnight Deposit Account l RTGS CB Account l RTGS DCA l RTGS Dedicated Transit Account l RTGS Sub-Account l TIPS Account l T2S DCA l T2S CB Account Default value: 'No filter selected'
Liquidity Transfer Group	This field offers the possibility to restrict the result list to cash accounts of a specific liquidity transfer group.

---

2   Not yet specified

CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – GENERAL	
	Required format: up to 35 characters

Table 129 - Cash Account RD – Query Screen – General

CASH ACCOUNT REFERENCE 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: **l** Account BIC **l** Account Monitoring Group **l** Account Number **l** Account Type **l** Blocking Status **l** Currency Code **l** Default MCA **l** Linked MCA **l** Liquidity Transfer Group **l** MFI Code **l** Party BIC **l** Party Long Name **l** Sub-Account(s) 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: **l** Ascending **l** Descending Default value: 'Ascending'

Table 130 - Cash Account RD – Query Screen – Output Parameters

Buttons

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.

CASH ACCOUNT REFERENCE DATA – QUERY SCREEN – BUTTONS	
	The result list will be displayed in the Cash Account Reference Data – List Screen [▸ 184].
Reset	The user can click on this button to reset all fields to their default values.

Table 131 - Cash Account RD – Query Screen – Buttons

5.6.4 Cash Account Reference Data – List Screen

Context of Usage

This screen lists all cash accounts and their reference data meeting a defined set of criteria.

These criteria were either defined on the Cash Account Reference Data – Query Screen [▸ 180] 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:

l Reference Data >> Cash Account Reference Data – Query Screen >> [Submit]

l Reference Data >> Party Reference Data – Query Screen >> [Submit] >> Party Reference Data – List Screen – Context menu entry 'Display Cash Accounts'

l Cash Transfer and Messages >> Cash Transfer – Query Screen >> [Submit] >> Cash Transfers – List Screen – Context menu entry 'Cash Account Reference Data of Credit/Debit Account'

l 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:

l CLM_QueryLocPartyCashAccRefData

References

This screen is part of the following use case:

l Query/List cash account reference data [▸ 270]

Screenshot

Figure 110 - 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 Cash Account Reference Data – Query Screen [▷ 180].

CASH ACCOUNT REFERENCE DATA – LIST SCREEN – LIST OF CASH ACCOUNT REFERENCE DATA	
Blocking Status	This column shows the blocking status of the cash account. Possible values:
	l Blocked for credit
	l Blocked for debit
	l Blocked for credit and debit
	l Not blocked
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.
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:
	l Yes
	l No
Linked MCA	This column shows the account number of the main cash account that is linked to the cash account. This column is only relevant for Marginal Lending Accounts and Overnight Deposit Accounts.

CASH ACCOUNT REFERENCE DATA – LIST SCREEN – LIST OF CASH ACCOUNT REFERENCE DATA	
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:
	▎ Yes
	▎ 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 132 - 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', 'Marginal Lending Account', 'CLM Dedicated Transit Account', 'CB ECB Account', 'ECB Mirror Account', 'TIPS Account' and 'MCA'.

Context Menu

CASH ACCOUNT REFERENCE 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 dedicated cash account (DCA) with the account type 'RTGS Sub-Account'. Displaying sub-accounts is only possible for RTGS DCAs. Required privilege: l CLM_QueryAccBal
Display RTGS DCA	This context menu entry updates the 'Cash Account Reference Data – List Screen' displaying the RTGS DCA that is connected to the selected sub-account. Displaying the RTGS DCA is only possible for RTGS sub-accounts. Required privilege: l CLM_QueryAccBal

Table 133 - Cash Account RD – List Screen – Context Menu

5.6.5 Cash Account Reference Data by MFI – Query Screen

Context of Usage

This screen offers the possibility to query cash accounts by MFI to display their reference data.

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 Cash Account Reference Data by MFI – List Screen [▷ 189].

Screen Access

This screen can be reached in the following way:

l Reference Data >> Party Reference Data by MFI – Query Screen

Privileges

To use this screen the following privilege is needed:

l CLM_QuerylocrefdatbyMFI

References

This screen is part of the following use case:

l Query cash account by MFI [▷ 271]

Screenshot

Figure 111 - 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: 7 characters

Table 134 - 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: **l** Account Number **l** Account Type **l** Leading CLM Account Holder **l** MFI Code **l** 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: **l** Ascending **l** Descending Default value: 'Ascending'

Table 135 - Cash Account RD by MFI – Query Screen – Output Parameters

Buttons

CASH ACCOUNT REFERENCE DATA BY MFI – QUERY SCREEN – BUTTONS	
Submit	The user can click on this button to query all cash accounts matching the entered criteria. The result list will be displayed in the Cash Account Reference Data by MFI – List Screen [▶ 189].
Reset	The user can click on this button to reset all fields to their default values.

Table 136 - Cash Account RD by MFI – Query Screen – Buttons

5.6.6 Cash Account Reference Data by MFI – List Screen

Context of Usage

This screen lists cash accounts by MFI meeting a defined set of criteria.

These criteria were defined on the Cash Account Reference Data by MFI – Query Screen [▶ 187].

Screen Access

This screen can be reached in the following way:

l Reference Data >> Cash Account Reference Data by MFI – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QuerylocrefdatbyMFI

References

This screen is part of the following use case:

l Query cash account by MFI [▶ 271]

Screenshot

Figure 112 - Cash Account Reference Data by MFI – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Cash Account Reference Data by MFI – Query Screen [▶ 187].

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

CASH ACCOUNT REFERENCE DATA BY MFI – LIST SCREEN – LIST OF CASH ACCOUNT REFERENCE DATA BY MFI	
	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 137 - Cash Account RD by MFI – List Screen – List of Cash Account RD by MFI

5.6.7 BICs – Query Screen

Context of Usage

This screen offers the possibility to query BICs of financial institutions defined in the reference 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 BICs – List Screen [▶ 192].

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 the following privilege is needed:

l CLM_QueryBIC

References

To use this screen the following use case:

l Query BIC [▶ 272]

Screenshot

Figure 113 - BICs – Query Screen

Field Descriptions

BICS – 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 138 - BICs – Query Screen – General

BICS – 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: **l** Financial Institution Name **l** Account BIC **l** 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: **l** Ascending **l** Descending Default value: 'Ascending'

Table 139 - BICs – Query Screen – Output Parameters

Buttons

BICS – 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 BICs – List Screen [▶ 192].
Reset	The user can click on this button to reset all fields to their default values.

Table 140 - BICs – Query Screen – Buttons

5.6.8 BICs – List Screen

Context of Usage

This screen lists all BICs meeting a defined set of criteria and allows the user to select one or more BIC(s).

These criteria were defined on the BICs – Query Screen [▶ 190].

This screen is a smart-select screen that is displayed as a pop-up.

Screen Access

This screen can be reached in the following way:

l   BICs – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryBIC

References

This screen is part of the following use case:

l   Query BIC [▶ 272]

Screenshot

Figure 114 - BICs List – Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter BICs – Query Screen [▶ 190].

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 141 - 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 142 - BICs – List Screen – Buttons

5.7 Administration

5.7.1 Task Queue – Query Screen

Context of Usage
This screen offers the possibility to query tasks.

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 Task Queue – List Screen [▶ 196].

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

l   Administration >> Task Queue – Query Screen

Privileges
To use this screen the following privilege is needed:

l   CLM_QueryTaskQueue

References
This screen is part of the following use case:

l   Query task queue [▶ 273]

Screenshot

Figure 115 - Task Queue – Query Screen

Field Descriptions

TASK QUEUE – QUERY SCREEN – GENERAL	
Task ID	This field offers the possibility to restrict the result list to a task with a specific task ID. Required format: up to 16 characters
Task Type	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: ❙ Administrate Minimum Reserve Penalty ❙ Change Balance For Minimum Reserve Fulfilment ❙ Change CBO Reservation ❙ Change Credit Line Fixed Amount ❙ Change Earliest Settlement Time ❙ Change Latest Settlement Time ❙ Change Queue Position To End ❙ Change Queue Position To Top ❙ Change Seizure Of Funds Reservation ❙ Change Technical CBO Reservation ❙ Decrease Credit Line Delta Amount ❙ Enter Liquidity Transfer ❙ Enter Payment

TASK QUEUE – QUERY SCREEN – GENERAL	
	l Increase Credit Line Delta Amount **l** Maintain Minimum Reserve Requirement **l** Process Standing Order CBO Reservation **l** Reject Payment With Exceeded Latest Debit Time **l** Revoke Cash Transfer Order **l** Revoke Pending Change Credit Line Delta Amount Default value: 'No filter selected'
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: **l** To Confirm **l** Confirmed **l** Pending **l** Partially Pending **l** Completed **l** Rejected **l** Withdrawn Default value: 'No filter selected'

Table 143 - 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: **l** Task ID **l** Business Case ID **l** Entry Timestamp **l** Task Type **l** Attribute

TASK QUEUE – QUERY SCREEN – OUTPUT PARAMETERS	
	l Amount
	l Old Value
	l New Value
	l Status
	l Initial User
	l Second User
	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: l Descending l Ascending Default value: 'Descending'

Table 144 - 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 Task Queue – List Screen [▶ 196].
Reset	The user can click on this button to reset all fields to their default values.

Table 145 - Task Queue – Query Screen – Buttons

5.7.2 Task Queue – List Screen

Context of Usage

This screen lists all tasks meeting a defined set of criteria.

These criteria were defined on the Task Queue – Query Screen [▶ 193].

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:

l Administration >> Task Queue – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryTaskQueue

References This screen is part of the following use case:

Query task queue [▷ 273]

Screenshot

Figure 116 - Task Queue – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Task Queue – Query Screen [▷ 193].

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 that is subject of the task.
Amount	This column shows the amount of the task.
Old Value	This column shows the value of the attribute before the change.
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 146 - 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 Task Queue – Details Screen [▶ 198] for the selected task. Required privilege: CLM_QueryTask QueueDetail

Table 147 - Task Queue – List Screen – Context Menu

5.7.3 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:

- **l** Administration >> Task Queue – Query Screen >> [Submit] >> Task Queue – List Screen >> Context menu entry 'Details'

Privileges

To use this screen the following privilege is needed:

- **l** CLM_QueryTaskQueueDetail

References

This screen is part of the following use cases:

- **l** Query task queue [▶ 273]
- **l** Confirmation/Withdrawal of 4-eyes task entries [▶ 274]

Screenshot

Figure 117 - Task Queue - Details Screen

Field Descriptions

Note: For the description of the attributes and the available context menu entries in the 'List of Task Queue' section see chapter Task Queue – List Screen [▶ 196].

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. Possible values: ▎ CBO Reservation ▎ Seizure of Funds Reservation ▎ Maintain minimum reserve requirement ▎ Insert or adjust balance for minimum reserve fulfilment ▎ Administrate minimum reserve penalty ▎ Change of credit line with fixed amount ▎ Increase credit line with delta amount ▎ Decrease credit line with delta amount ▎ Revoke Pending Task 'Increase' or 'Decrease credit line with delta amount' ▎ Enter Payment ▎ Enter Liquidity Transfer ▎ Revocation of a cash transfer ▎ Change of the queue position (to the end) ▎ Change of the queue position (to the beginning) ▎ Change of latest settlement time ▎ Change of earliest settlement time
Attribute	This column shows the file name of the task.
Amount	This column shows the amount of the task.
Old Value	This column shows the content of the attribute before the change.
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 148 - 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 149 - 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.	
CBO Reservation	For this task type the Reservations – Display Screen [137] is shown.
Seizure of Funds Reservation	For this task type the Reservations – Display Screen [137] is shown.
Maintain minimum reserve penalty	For this task type the Minimum Reserve Requirements – List Screen [152] is shown.
Insert or adjust balance for minimum reserve fulfilment	For this task type the Minimum Reserve Fulfilments – List Screen [156] is shown.
Administrate minimum reserve penalty	For this task type the Minimum Reserve Infringements – List Screen [162] is shown.
Change of credit line with fixed amount	For this task type the Credit Line per Account Holder – List Screen [124] is shown.

TASK QUEUE – DETAILS SCREEN – OVERVIEW TASK	
Increase credit line with delta amount	For this task type the Credit Line per Account Holder – List Screen [▶ 124] is shown.
Decrease credit line with delta amount	For this task type the Credit Line per Account Holder – List Screen [▶ 124] is shown.
Revoke Pending Task 'Increase' or 'Decrease' credit line with delta amount'	For this task type the Credit Line per Account Holder – List Screen [▶ 124] is shown.
Enter Payment	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Enter Liquidity Transfer	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Revocation of a cash transfer	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Change of the queue position (to the end)	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Change of the queue position (to the beginning)	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Change of latest settlement time	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.
Change of earliest settlement time	For this task type the Cash Transfers – Details Screen [▶ 71] is shown.

Table 150 - Task Queue – Details Screen – Overview Task

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 a confirmation pop-up displaying the information 'Confirm the Task with ID : #####'.

The 'Confirm' button will not be displayed in case of the initial user.

By clicking on the 'Yes' button the notification area displays the confirmation with the information 'Task ##### successfully confirmed'. The status of the 'Corresponding Task' changes to 'Confirmed'. |

TASK QUEUE – DETAILS SCREEN – BUTTONS	
	By clicking on the 'No' button the user returns to the 'Task Queue – Details Screen' without confirming the task. Note: '#####' is a placeholder for a variable task ID that is shown. References for error messages: [▶ 303] l E018 l U039 l U040 l U041 l U043 l U049
Withdraw	The 'Withdraw' button is only displayed if the corresponding task has the status 'To Confirm'. 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. Note: '#####' is a placeholder for a variable task ID that is shown. References for error messages: [▶ 303] l E018 l U039 l U040 l U041 l U043 l U049

Table 151 - Task Queue – Details Screen – Buttons

5.8 Monitoring

5.8.1 Cash Transfer Order Totals by Party – Query Screen

Context of Usage

This 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 Cash Transfer Order Totals by Party – List Screen [▶ 206].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Monitoring >> Cash Transfer Order Totals by Party – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QuerySumCashTrans

References

This screen is part of the following use case:

l   Sum of Cash Transfer per Account Holder [▶ 275]

Screenshot

Figure 118 - Cash Transfer Order Totals by Party – Query Screen

Field Descriptions

CASH TRANSFER ORDER TOTALS BY PARTY – QUERY SCREEN – GENERAL	
Party BIC	This field offers the possibility to restrict the result list to aggregated cash transfer information related to 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 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.
	Possible values:
	l Earmarked
	l Partially Settled
	l Queued
	l Rejected
	l Revoked
	l Settled
	l Warehoused
	Default value: 'No filter selected'

Table 152 - Cash Transfer Order Totals by Party – Query Screen – General

CASH TRANSFER ORDER TOTALS 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: **ι** 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: **ι** Ascending **ι** Descending Default value: 'Descending'

Table 153 - Cash Transfer Order Totals by Party – Query Screen – Output Parameters

Buttons

CASH TRANSFER ORDER 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 Cash Transfer Totals by Party – List Screen [▶ 206].
Reset	The user can click on this button to reset all fields to their default values.

Table 154 - Cash Transfer Order Totals by Party – Query Screen – Buttons

5.8.2 Cash Transfer Order Totals by Party – List Screen

Context of Usage

This screen lists the numbers and summarized amounts for all cash transfers meeting a defined set of criteria.

These criteria were defined on the Cash Transfer Order Totals by Party - Query Screen.

The result list shows the numbers and summarized amounts of debits and credits for all cash transfers related either to the entered Party BIC, Cash Transfer Status or Cash Transfer Category or data related to all Party BICs belonging to the community of the central bank user (when no selection was done).

Screen Access

This screen can be reached in the following way:

l Monitoring >> Cash Transfer Order Totals by Party – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QuerySumCashTrans

References

This screen is part of the following use case:

l Sum of Cash Transfer per Account Holder [▷ 275]

Screenshot

Figure 119 - Cash Transfer Order Totals by Party – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Cash Transfer Totals by Party – Query Screen [▷ 203].

CASH TRANSFER ORDER TOTALS BY PARTY – LIST SCREEN – RESULTS – LIST OF CASH TRANSFER 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 155 - Cash Transfer Order Totals by Party – List Screen

Context Menu

CASH TRANSFER ORDER TOTALS BY PARTY – LIST SCREEN – RESULTS – LIST OF CASH TRANSFER ORDER TOTALS BY PARTY – CONTEXT MENU	
Display List of Cash Transfer Order Totals by Account	This context menu redirects the user to the Cash Transfer Order Totals by Account – List Screen [▶ 207].
Display Cash Transfer Order Debits	This context menu redirects the user to the Cash Transfers – List Screen [▶ 63] while transmitting the following value: l Debits
Display Cash Transfer Order Credits	This context menu redirects the user to the Cash Transfers – List Screen [▶ 63] while transmitting the following value: l Credits

Table 156 - Cash Transfer Order Totals by Party – List Screen – Context Menu

5.8.3 Cash Transfer Order Totals by Account – List Screen

Context of Usage

This screen lists all numbers and summarized amounts for all cash transfers related to a party BIC but explicitly showing it for each account belonging to this party.

This screen is only available via context menu on the Cash Transfer Order Total by Party – List Screen [▶ 206]. 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:

l 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:

l CLM_QuerySumCashTrans

References This screen is part of the following use case:

l Sum of Cash Transfer per Account Holder [▶ 275]

Screenshot

Figure 120 - Cash Transfer Order Totals by Account – List Screen

Field Descriptions Note: For the description of the attributes and their respective values in the 'Selected Line from List of Cash Transfer Totals per Party' section see chapter Cash Transfer Totals by Party – List Screen [▶ 206].

CASH TRANSFER ORDER TOTALS BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF CASH TRANSFER ORDERS PER ACCOUNT	
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 TRANSFER 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.

Table 157 - Cash Transfer Order Totals by Account – List Screen

5.8.4 Cash Transfer Order Totals by Status – List Screen

Context of Usage
This screen lists aggregated information for all cash transfer orders of the current 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:

l Monitoring >> Cash Transfer Order Totals by Status – List Screen

Privileges
To use this screen the following privilege is needed:

l CLM_QueryOverviewCashTrans

References
This screen is part of the following use case:

l Status Overview for Cash Transfers [▶ 278]

Screenshot

Figure 121 - Cash Transfer Order Totals by Status – List Screen

Field Descriptions

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CREDITS	
Cash Transfer Status	This column shows rows with the following cash transfer status values: **l** Settled Cash Transfer Orders **l** Queued Cash Transfer Orders **l** Rejected Cash Transfer Orders **l** Revoked Cash Transfer Orders **l** Warehoused Cash Transfer Orders **l** Earmarked Cash Transfer Orders and with the value: **l** Total 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.

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – CREDITS	
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 which is always '100%'.
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 which is always '100%'.

Table 158 - Cash Transfer Order Totals by Status – List Screen – Credits

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – DEBITS	
Cash Transfer Status	This column shows rows with the following cash transfer status values: **l** Settled Cash Transfer Orders **l** Queued Cash Transfer Orders **l** Rejected Cash Transfer Orders **l** Revoked Cash Transfer Orders **l** Warehoused Cash Transfer Orders **l** Earmarked Cash Transfer Orders and with the value: **l** Total Debits
Amount	This column shows the amounts of cash transfer orders debited 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.

CASH TRANSFER ORDER TOTALS BY STATUS – LIST SCREEN – RESULTS – DEBITS	
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 which is always '100%'.
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 which is always '100%'.

Table 159 - 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 Cash Transfer – List Screen [▷ 63] while transmitting the following values: ❙ Credits or Debits ❙ Cash Transfer Status
Display Cash Transfer Order Subtotals	This context menu entry redirects the user to the Cash Transfer Order Subtotals by Status – List Screen [213] while transmitting the following values: ❙ Credits or Debits ❙ Cash Transfer Status

Table 160 - Cash Transfer Order Totals by Status – List Screen – Context Menu

5.8.5 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 [▶ 209].

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:

l 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:

l CLM_QueryOverviewCashTrans

References

This screen is part of the following use case:

l Status Overview for Cash Transfers [▶ 278]

Screenshot

Figure 122 - Cash Transfer Order Subtotals by Status – List Screen

Field Descriptions

Note: The section 'Selected line from List of Cash Transfer Order Total by Status ' shows details of the previously selected cash transfer orders. For the description of the attributes and their respective values in this section see chapter Cash Transfer Order Totals by Status – List Screen [▶ 209].

CASH TRANSFER ORDER SUBTOTALS BY STATUS – LIST SCREEN – RESULTS – CASH TRANSFER ORDER SUBTOTALS INFORMATION	
Message Type	This column shows rows with the following message type values: l FinancialInstitutionCreditTransfer (pacs.009) l FinancialInstitutionDirectDebit (pacs.010) l LiquidityCreditTransfer (camt.050) It also shows a sum row for the value: l Total
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 which is always '100%'.
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 which is always '100%'.

Table 161 - Cash Transfer Order Subtotals by Status – List Screen

5.8.6 Available Liquidity by Party – Query Screen

Context of Usage

This screen offers the possibility to query a list of liquidity relevant information related to a participant. 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 are shown in the Available Liquidity by Party – List Screen [▶ 217].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Monitoring >> Available Liquidity by Party

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryAvailLiqui

References

This screen is part of the following use cases:

l   Available Liquidity per Account Holder [▶ 278]

l   Available Liquidity per Party Level [▶ 277]

Screenshot

Figure 123 - Available Liquidity by Party – Query Screen

Field Descriptions

AVAILABLE LIQUIDITY BY PARTY – QUERY SCREEN – GENERAL	
Party BIC	This field offers the possibility to restrict the result list to liquidity relevant information related to 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 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 162 - Available Liquidity by Party – Query Screen – General

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 value:
	l Available Liquidity Overall
	l Available Liquidity in CLM
	l CLM MCA Balances
	l Credit Line
	l Party BIC
	l Projected Balances Overall
	l RTGS DCAs/Sub Account Balances

AVAILABLE LIQUIDITY BY PARTY – QUERY SCREEN – OUTPUT PARAMETERS	
	l T2S DCA Balances l 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: l Ascending l Descending Default value: 'Ascending'

Table 163 - Available Liquidity by Party – Query Screen – Output Parameters

Buttons

AVAILABLE LIQIDITY 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 Available Liquidity by Party – List Screen [▶ 217].
Reset	The user can click on this button to reset all fields to their default values.

Table 164 - Available Liquidity by Party – Query Screen – Buttons

5.8.7 Available Liquidity by Party – List Screen

Context of Usage This screen lists liquidity relevant information related to a participant meeting a predefined set of criteria.

These criteria were defined on the Available Liquidity by Party – Query Screen [▶ 215].

The result list shows the account balances for accounts within T2, T2S and TIPS, queued and earmarked cash transfer orders and as a result some projected liquidity values related to the entered party BIC or data related to all party BICs belonging to the community of the central bank user (no selection of party BIC).

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

l Monitoring >> Available Liquidity by Party – Query Screen >> [Submit]

Privileges To use this screen the following privilege is needed:

l CLM_QueryAvailLiqui

References

This screen is part of the following use cases:

l [Available Liquidity per Account Holder](#) [▷ 278]

l [Available Liquidity on Party Level](#) [▷ 277]

Screenshot

Figure 124 - Available Liquidity by Party - List Screen

Field Descriptions

Note: For the description of the attribute and their respective values in the 'Search Criteria' section see chapter [Available Liquidity by Party – Query Screen](#) [▷ 215].

AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LI-QUIDITY BY PARTY	
Party BIC	This column shows the party BIC related to the queried liquidity relevant information. Depending on the query criteria, this column 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.
Projected Available Liquidity Overall	This column shows the liquidity position that will be available if all queued and earmarked transactions per party would be settled. The 'Projected Available Liquidity Overall' consists of 'Available Liquidity Overall', 'Queued Cash Transfers Credits', 'Earmarked Cash Transfer Credits' reduced by 'Queued Cash Transfer Debits' and 'Earmarked Cash Transfer Debits'. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
Available Liquidity Overall	This column shows the liquidity position per party in the whole T2, including CLM, RTGS, T2S and TIPS balances and the credit line in CLM. The 'Available Liquidity Overall' consists of 'Available Liquidity in CLM', 'RTGS DCAs/Sub-Account Balances', 'T2S DCA Balances', TIPS Account Balances'.

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.
Available Liquidity in CLM	This column shows the liquidity position per party in CLM. The 'Available Liquidity in CLM' consists of 'CLM MCA Balances', 'Credit Line' (only applicable for default MCA) 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 per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
CLM MCA Balances	This column shows the sum of all MCA balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
RTGS DCAs/Sub Account Balances	This column shows the sum of all RTGS DCA 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 DCA Balances	This column shows the sum of all T2S DCA balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
TIPS Account Balances	This column shows the sum of all TIPS account balances per party. It contains a sum of the amount of all listed liquidity positions at the bottom of the column.
Queued Cash Transfers Credit	This column shows the sum of all queued cash transfer credits from CLM and RTGS per party. It contains a sum at the bottom of the column.

AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY PARTY	
Queued Cash Transfers Debit	This column shows the sum of all queued cash transfer debits 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 Transfers Credit	This column shows the sum of all earmarked cash transfer credits 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 Transfers Debit	This column shows the sum of all earmarked cash transfer debits 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 165 - Available Liquidity by Party – List Screen – List of Available Liq. by Party

Context Menu

AVAILABLE LIQUIDITY BY PARTY – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY PARTY – CONTEXT MENU	
Display List of Available Liquidity by Accounts	This context menu redirects the user to the Available Liquidity by Account – List Screen [▶ 220].

Table 166 - Available Liquidity by Party – List Screen – List of Available Liq. by Party – Context Menu

5.8.8 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 on account level related to the entered party BIC.

This screen is only available via context menu on the Available Liquidity by Party – List Screen [▶ 217]. 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:

l CLM_QueryAvailLiqui

References This screen is part of the following use case:

l [Available Liquidity per Account Holder](#) [▶ 277]

Screenshot

Figure 125 - 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 [Available Liquidity by Party – List Screen](#) [▶ 217].

AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY ACCOUNT	
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 Available Liquidity	This column shows the projected liquidity that will be available if all queued and earmarked transactions per account would be settled. The 'Projected Available Liquidity Overall' consists of 'Available Liquidity Overall', 'Queued Cash Transfers Credits', 'Earmarked Cash Transfer Credits' reduced by 'Queued Cash Transfer Debits' and 'Earmarked Cash Transfer Debits'.
Available Liquidity Overall	This column shows the sum of 'Available Liquidity in CLM', 'RTGS DCAs/ Sub-Account Balances', 'T2S DCA Balances' and 'TIPS Account Balances'.
Available Liquidity in CLM	This column shows the liquidity position per account in CLM. The 'Available Liquidity in CLM' consists of 'CLM MCA Balances', 'Credit Line' reduced by seizure of funds amount.
Credit Line	This column shows the credit line of the default MCA.
CLM MCA Balances	This column shows the MCA balance.
RTGS DCAs/ Sub Account	This column shows the RTGS DCAs and sub-account

AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – LIST OF AVAILABLE LIQUIDITY BY ACCOUNT	
Balances	balance.
T2S DCA Balances	This column shows the balance of the T2S DCA.
TIPS Account Balances	This column shows the balance of the TIPS Account.
Queued Cash Transfers Credit	This column shows the sum of all queued cash transfer credits from CLM and RTGS per account.
Queued Cash Transfers Debit	This column shows the sum of all queued cash transfer debits from CLM and RTGS per account.
Earmarked Cash Transfers Credit	This column shows all earmarked cash transfer credits from CLM and RTGS per account.
Earmarked Cash Transfers Debit	This column shows all earmarked cash transfer debits from CLM and RTGS per account.

Table 167 - Available Liquidity by Account – List Screen – Results – List of Available Liq. by Account

Context Menu

AVAILABLE LIQUIDITY BY ACCOUNT – LIST SCREEN – RESULTS – CONTEXT MENU	
Display Cash Account Liquidity	This context menu redirects the user to the CLM Cash Account Liquidity – Display Screen [▷ 114] while transmitting the following value: ▌ Account number

Table 168 - Available Liquidity by Account – List Screen – Results – Context Menu

5.8.9 Warehoused Cash Transfers – Query Screen

Context of Usage

This screen offers the possibility to query warehoused payments related to one or more account holder. It is also possible to query data for all participants belonging to the community of the user.

This screen queries only warehoused payments for a given party BIC used either as debtor or as instructing agent within cash transfers.

The number and amount of warehoused payments per value date matching the data of the search fields are shown in the Warehoused Cash Transfer – List Screen [▶ 225].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Monitoring >> Warehoused Cash Transfers – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryWarehoused

References

This screen is part of the following use case:

l   Warehoused Cash Transfers [▶ 276]

Screenshot

Figure 126 - Warehoused Cash Transfers – Query Screen

Field Descriptions

WAREHOUSED CASH TRANSFERS – QUERY SCREEN – GENERAL	
Debtor/Instructing Agent*	This field requires the user to restrict the result list to warehoused cash transfers where the entered party BIC is the BIC of the debtor or the BIC of the instructing agent. Possible values: **l** Debtor **l** Instructing Agent Default value: 'Debtor'
Party BIC	This field offers the possibility to enter the party BIC in order to query the data related to warehoused payments. 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 as a pop-up. The user can also leave this field empty in order to display warehoused payments information related to all parties belonging to the community. Default value: 'No filter selected' Required format: 8 or 11 characters

Table 169 - 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 payment data matching the entered criteria.

WAREHOUSED CASH TRANSFERS – QUERY SCREEN – BUTTONS	
	The result list will be displayed in the Warehoused Cash Transfers – List Screen [▶ 225].
Reset	The user can click on this button to reset all fields to their default values.

Table 170 - Warehoused Cash Transfers – Query Screen – Buttons

5.8.10 Warehoused Cash Transfers – List Screen

Context of Usage

This screen lists all warehoused payment (cash transfer orders sent up to 10 calendar days in advance) data meeting a defined set of criteria.

These criteria were defined on the Warehoused Cash Transfers – Query Screen [▶ 223].

The result list shows the volume and amount of warehoused payments per value date related to the entered party BIC(s) or data related to all party BICs belonging to the community of the central bank user (in case no selection of party BIC was done).

Screen Access

This screen can be reached in the following way:

l Monitoring >> Warehoused Cash Transfers – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryWarehoused

References

This screen is part of the following use case:

l Warehoused Cash Transfers [▶ 276]

Screenshot

Figure 127 - Warehoused Cash Transfers - List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' and 'Results – Debtor/Instructing Agent' section see chapter Warehoused Cash Transfers – Query Screen [▶ 223].

The number of columns depends on the specific business day calendar. As such a warehoused payment 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 TRANSFERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS	
Party BIC	This column shows the party BIC related to the queried warehoused cash transfer 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 cash transfers at the bottom of the column.
Volume for YYYY-MM-DD (Business Day + 1)	This column shows the total volume of warehoused cash transfers 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 cash transfers 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 cash transfers 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 cash transfers 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 cash transfers related to the party BIC for the third next business day.

WAREHOUSED CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS	
	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 + 4)	This column shows the total amount of warehoused cash transfers 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 cash transfers 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 cash transfers 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 cash transfers 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 cash transfers 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 cash transfers 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	This column shows the total amount of warehoused cash

WAREHOUSED CASH TRANSFERS – LIST SCREEN – RESULTS – LIST OF WAREHOUSED CASH TRANSFERS	
(Business Day + 7)	transfers 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.
Volume for YYYY-MM-DD (Business Day + 7)	This column shows the total volume of warehoused cash transfers 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 cash transfers 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 cash transfers 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 171 - 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 [▶ 63] while transmitting the following values: l Party BIC l Cash Transfer Status 'Warehoused'

Table 172 - Wareh. Cash Transfers – List Screen – List of Wareh. Cash Transfers – Context Menu

5.8.11 Standing Facilities per Account Holder – Query Screen

Context of Usage

This screen offers the possibility for a central bank user to query standing facilities information for the whole banking community or for a selected party.

The result list can be filtered by 'Party BIC', 'Marginal Lending on Request', 'Automatic Marginal Lending' and 'Overnight Deposit' 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 standing facility information matching the data of the search fields are shown in the Standing Facilities per Account Holder – List Screen [▷ 232].

Screen Access

This screen can be reached in the following way:

l   Monitoring >> Standing Facilities per Account Holder – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryStaFacAccHol

References

This screen is part of the following use case:

l   Overview Standing Facilities [▷ 279]

Screenshot

Figure 128 - Standing Facilities per Account Holder – Query Screen

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 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 [▶ 172] 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 173 - Standing Facilities per Acc. Holder – Query Screen – Party Information

STANDING FACILITIES PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAME-TERS	
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 Automatic Marginal Lending
	I Marginal Lending on Request
	I Overnight Deposit
	I Party BIC
	Default value: 'Party BIC'

STANDING FACILITIES PER ACCOUNT HOLDER – 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: l Ascending l Descending Default value: 'Ascending'

Table 174 - Standing Facilities per Acc. Holder – Query Screen – Output Parameters

Buttons

STANDING FACILITIES PER 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 175 - Standing Facilities per Acc. Holder – Query Screen – Buttons

5.8.12 Standing Facilities per Account Holder – List Screen

Context of Usage

This screen lists all standing facilities information meeting a defined set of criteria.

These criteria were defined on the Standing Facilities per Account Holder – Query Screen [▶ 229]. The result list shows either standing facilities information related to a specific queried party BIC or standing facilities information related to all party BICs belonging to the community of the central bank user.

Screen Access

This screen can be reached in the following way:

l Monitoring >> Standing Facilities per Account Holder – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

l CLM_QueryStaFacAccHol

References

This screen is part of the following use case:

l Overview standing facilities [▶ 279]

Screenshot

Figure 129 - Standing Facilities per Account Holder – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Standing Facilities per Account Holder – Query Screen [▶ 229].

STANDING FACILITIES PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF STANDING 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.

Table 176 - Standing Facilities per Acc. Holder – List Screen – List of Standing Facilities per Acc. Holder

5.8.13 Minimum Reserve Information per Account Holder – Query Screen

Context of Usage

This screen offers the possibility for central bank users to query the minimum reserve 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 [▷ 236].

This screen is only available for operators and central bank users.

Screen Access

This screen can be reached in the following way:

l   Monitoring >> Minimum Reserve Information per Account Holder – Query Screen

Privileges

To use this screen the following privilege is needed:

l   CLM_QueryMinResAccHol

References

This screen is part of the following use case:

l   List minimum reserve requirements and fulfilments on banking community level [▷ 267]

Screenshot

Figure 130 - Minimum Reserve Information per Account Holder – Query Screen

Field Descriptions

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – QUERY SCREEN – GENERAL	
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 [▷ 172] as a pop-up.
	Default value: 'No filter selected'
	Required format: 8 or 11 characters

Table 177 - Minimum Reserve Information per Account Holder – Query Screen – General

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:
	l Adjustment Balance
	l Current Balance
	l Excess Reserve Exemption Balance
	l Excess Reserve Exemption Threshold
	l Excess Reserve Remuneration Balance
	l Minimum Reserve Management

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – QUERY SCREEN – OUTPUT PARAMETERS	
	l Minimum Reserve Requirement l Party BIC l 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: l Ascending l Descending Default value: 'Ascending'

Table 178 - Minimum Reserve Information per Account Holder – Query Screen – Output Parameters

Buttons

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – QUERY SCREEN – BUTTONS	
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 Minimum Reserve Information per Account Holder – List Screen [▶ 236].
Reset	The user can click on this button to reset all fields to their default values.

Table 179 - Minimum Reserve Information per Account Holder – Query Screen – Buttons

5.8.14 Minimum Reserve Information per Account Holder – List Screen

Context of Usage

This screen lists minimum reserve information meeting a defined set of criteria.

These criteria were defined on the Minimum Reserve Information per Account Holder – Query Screen [▶ 234].

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.

Screen Access

This screen can be reached in the following way:

ⅼ Monitoring >> Minimum Reserve Information per Account Holder – Query Screen >> [Submit]

Privileges

To use this screen the following privilege is needed:

ⅼ CLM_QueryMinResAccHol

References

This screen is part of the following use case:

ⅼ List minimum reserve requirements and fulfilments on banking community level [▷ 267]

Screenshot

Figure 131 - Minimum Reserve Information per Account Holder – List Screen

Field Descriptions

Note: For the description of the attributes and their respective values in the 'Search Criteria' section see chapter Minimum Reserve Information per Account Holder – Query Screen [▷ 234].

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: ⅼ No ⅼ Direct ⅼ Indirect ⅼ Pool

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – LIST OF MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER

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 minimum reserve 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.

MINIMUM RESERVE INFORMATION PER ACCOUNT HOLDER – LIST SCREEN – RESULTS – 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 minimum reserve 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 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 minimum reserve period. It contains a sum of the amount of all listed excess reserve exemption balances at the bottom of the column.
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 minimum reserve period. It contains a sum of the amount of all listed excess reserve remuneration balances at the bottom of the column.

Table 180 - 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 Usage

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 – Example

1. Step 1

2. Step 2

   ⇨ Intermediate result

3. Step 3

   ➡ Final result

Additional Information

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 132 - Additional Information

❗ **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.

6.1 Cash Transfers and Messages

6.1.1 Query/List cash transfers

Context of Usage

This use case describes how to query cash transfers and view the result list of cash transfers 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:

l Display cash transfer (order) [▶ 242]

l Revocation of payment [▶ 243]

l Reorder payment in queue [▶ 244]

l Modify earliest debit timestamp [▶ 244]

l Modify latest debit timestamp [▶ 245]

Privileges

To carry out this use case, the following privilege is needed:

l CLM_QueryCashTrans

References Further information on screens involved can be found in the screen reference part:

l [Cash Transfers – Query Screen](#) [▷ 48]

l [Cash Transfers – List Screen](#) [▷ 63]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-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 you do not specify the output parameters, 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.

🛈 **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'.

🛈 **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:

l CLM_QueryCashTransDetails

References Further information on screens involved can be found in the screen reference part:

l [Cash Transfers – Details Screen](#) [▷ 71]

Instructions

1. Complete the use case for [Query/List cash transfers](#) [▷ 241].

2. In order to view details of a specific cash transfer, right-click on the cash transfer and select the context menu entry 'Details'.

➡ 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 of Usage

This use case describes how to revoke cash transfer orders selected in the Cash Transfers – List Screen [▸ 63] or in the Cash Transfers – Details Screen [▸ 71].

Revoking cash transfer orders is only possible for cash transfer 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:

l   CLM_RevPaymentOrder

References

Further information on screens involved can be found in the screen reference part:

l   Cash Transfers – List Screen [▸ 63]

Instructions

1. Complete the use case for Query/List cash transfers [▸ 241].

2. Select one or more cash transfer 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 cash transfer order(s).

4. Click on the 'Yes' button to confirm the revocation of the cash transfer 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 cash transfer 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:

l   Reorder payment in queue [▸ 244]

l   Modify earliest debit timestamp [▸ 244]

l <u>Modify latest debit timestamp</u> [▶ 245]

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> [▶ 63] or in the <u>Cash Transfers – Details Screen</u> [▶ 71].

Reordering cash transfer orders 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:

l CLM_ModifyCasTraOrd

References

Further information on screens involved can be found in the screen reference part:

l <u>Cash Transfers – List Screen</u> [▶ 63]

Instructions

1. Complete the use case for <u>Query/List cash transfers</u> [▶ 241].

2. Select one or more cash transfer order(s) that are to be reordered.

3. 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 cash transfer order(s).

4. Click on the 'Yes' button to confirm the reordering of the cash transfer 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 cash transfer orders**

If more than one cash transfer 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 cash transfer orders selected in the <u>Cash Transfers – List Screen</u> [▶ 63] or in the <u>Cash Transfers – Details Screen</u> [▶ 71].

Modifying the earliest debit timestamp is only possible for cash transfer 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:

l CLM_ModifyCasTraOrd

References Further information on screens involved can be found in the screen reference part:

l Cash Transfers – List Screen [▶ 63]

l Cash Transfers – Modify Earliest Debit Timestamp – Pop-up [▶ 74]

Instructions

1. Complete the use case for Query/List cash transfers [▶ 241].

2. Select one or more cash transfer order(s) whose earliest debit timestamp are to be modified.

3. 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 cash transfer order(s).

4. Fill in the field 'New Earliest Debit Timestamp' by entering a timestamp manually or by clicking on the clock and calendar buttons. The new earliest debit timestamp must be earlier than the latest debit timestamp and before the cut-off time. The new earliest debit timestamp must be later than the current system time.

5. Click on the 'Submit' button.

   ➡ 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 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 of Usage This use case describes how to modify the latest debit timestamp of cash transfer orders selected in the Cash Transfers – List Screen [▶ 63] or in the Cash Transfers – Details Screen [▶ 71].

Modifying the latest debit timestamp is only possible for cash transfer 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:

l   CLM_ModifyCasTraOrd

References   Further information on screens involved can be found in the screen reference part:

l   Cash Transfers – List Screen [▷ 63]

l   Cash Transfers – Modify Latest Debit Timestamp – Pop-up [▷ 75]

Instructions   **1.** Complete the use case for Query/List cash transfers [▷ 241].

2. Select one or more cash transfer order(s) whose latest debit timestamp are to be modified.

3. 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 cash transfer order(s).

4. Fill in the field 'New Latest Debit Timestamp' by entering a timestamp manually or by clicking on the clock and calendar buttons. The new latest debit timestamp must be later than the 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.

➡ 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 Query messages

Context of Usage   This use case describes how to query incoming and outgoing messages and view the result 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:

l CLM_QueryMsg

References

Further information on screens involved can be found in the screen reference part:

l [Messages – Query Screen](#) [▶ 77]

l [Messages – List Screen](#) [▶ 84]

l [Cash Transfers – List Screen](#) [▶ 63]

l [Cash Transfers – Details Screen](#) [▶ 71]

l Business Cases – List Screen

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-menu 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 you do not specify the output parameters, 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.

🛈 **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'.

🛈 **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.

6.1.6 Display message

Context of Usage

This use case describes how to query messages and view detailed information on a selected 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:

l CLM_MsgDetailQuery

References

Further information on screens involved can be found in the screen reference part:

l Messages – Query Screen [▷ 77]

l Messages – List Screen [▷ 84]

l Messages – Details Screen [▷ 87]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-menu 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 you do not specify the output parameters, 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'.

> ❶ **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.

6.1.7 List account postings

Context of Usage

This use case describes how to query account postings and view the result list based on the 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   Account Postings – Query Screen [▷ 91]

I   Account Postings – List Screen [▷ 95]

I   Cash Transfers – List Screen [▷ 63]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-menu entry 'Query Account Postings'.

3. If the user has more than one account, select the account BIC and account number for which the account postings are to be queried.

4. Optionally, restrict the result list to account postings within a specific timeframe using the fields 'Timestamp From' and 'Timestamp To'.

5. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, the result list will be sorted by 'Calendar 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'.

🛈 **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.

6.1.8 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:

l   CLM_IniFinInstCreTra (This privilege is required in order to be able to initiate all payments except for a connected payment.)

l   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:

l   Financial Institution Credit Transfer – New Screen [▶ 97]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Cash Transfers and Messages' and click on the sub-menu 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.

➡ The notification area shows whether the submission of the credit transfer order has been completed.

🛈 **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.

6.2 Liquidity

6.2.1 Display cash account liquidity (one service only)

Context of Usage   This use case describes how to display the overall liquidity of an account (intra-service) by 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:

l   CLM_QueryAvaLiq

References   Further information on screens involved can be found in the screen reference part:

l   CLM Cash Account Liquidity – Query Screen [▸ 112]

l   CLM Cash Account Liquidity – Display Screen [▸ 114]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query CLM Cash Account Liquidity'.

3. Enter the account number or the account BIC of the account whose liquidity is to be displayed.

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, please see use case 'Query and Display cash account liquidity (dashboard)'.

6.2.2 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:

l   CLM_IniIlmLiquiTrans

References

Further information on screens involved can be found in the screen reference part:

l   Liquidity Transfer – New Screen [▷ 128]

l   Dashboard Liquidity Overview – Display Screen

l   Standing Facilities – Display Screen [▷ 268]

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 credit account and the debit account respectively.

4. Optionally, click on the button 'Display Available 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_QueryAccBal).

    ⇨ The 'Dashboard Liquidity Overview – Display Screen' opens as a pop-up to show the available liquidity of the corresponding account.

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.

    ➡ 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 – Display 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 via the 'Liquidity Transfer – New Screen'. In order to do so, see use case Enter overnight deposit [▷ 255] or Enter marginal lending on request [▷ 256] respectively.

6.2.3 List credit lines

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:

l   Modify credit lines [▷ 254]

Privileges

To carry out this use case, the following privilege is needed:

l   CLMQueryCreLineList

References

Further information on screens involved can be found in the screen reference part:

l   Credit Line per Account Holder – Query Screen [▷ 122]

l   Credit Line per Account Holder – List Screen [▷ 124]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query Credit Line per Account Holder'.

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 your community as 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 either the entered criteria or the data scope of the user.

🛈 **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.

6.2.4 Modify credit line

Context of Usage

This use case describes how to 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:

l CLM_QueryCreLineList

l CLM_IniCreLineupd

References

Further information on screens involved can be found in the screen reference part:

l Credit Line per Account Holder – Query Screen [▶ 122]

l Credit Line per Account Holder – List Screen [▶ 124]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Liquidity' and click on the sub-menu entry 'Query Credit Line per Account Holder'.

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 your community as 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 enables a user to modify one or more credit lines:

   ⇨ Fixed Amount CL Modification

   ⇨ Delta Amount CL Modification

5. Enter a credit line amount (fixed or delta) for one or more than one MCA.

6. Click on the 'Submit' button.

   ➡ The 'Credit Line per Account Holder – List Screen' opens. The list shows the modified 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 'Modify Credit Line', directly transmitting the MCA information.

6.2.5 Enter overnight deposit

Context of Usage

This use case describes how to make an overnight deposit with the respective central bank 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.

Privileges

To carry out this use case, the following privilege is needed:

l CLM_IniOveDep

References

Further information on screens involved can be found in the screen reference part:

l [Liquidity Transfer – New Screen](#) [▶ 128]

l Dashboard Liquidity Overview – Display Screen

l [Standing Facilities – List Screen](#) [▶ 168]

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 MCA, the RTGS DCA, the T2S DCA, the TIPS Account or the RTGS sub-account of the CLM account holder requesting the overnight deposit. In addition, the Overnight Deposit Account may receive liquidity from any central bank account.

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 Available 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_QueryAccBal).

⇨ The 'Dashboard Liquidity Overview – Display Screen' opens as a pop-up to show the available 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 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.

🛈 **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).

🛈 **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'.

6.2.6 Enter marginal lending on request

Context of Usage

This use case describes how a central bank user can enter a liquidity transfer from a Marginal Lending Account to an MCA in order for a CLM account holder to obtain overnight liquidity from the central bank.

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.

Privileges   To carry out this use case, the following privilege is needed:

　　　　　l CLM_IniMarLenonreq

References   Further information on screens involved can be found in the screen reference part:

　　　　　l Liquidity Transfer – New Screen [▶ 128]

　　　　　l Dashboard Liquidity Overview – Display Screen

　　　　　l Standing Facilities – List Screen [▶ 168]

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 Available 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_QueryAccBal).

　⇨ The 'Dashboard Liquidity Overview – Display Screen' opens as a pop-up to show the available 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 in order to submit the liquidity transfer order.

　➡ The notification area shows whether the submission of the data has been completed.

🛈　**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.

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:

l   CLM_QueryCurReservation

References

Further information on screens involved can be found in the screen reference part:

l   [Reservations – Query Screen](#) [▷ 134]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Liquidity Management Features' and click on the sub-menu entry 'Query Reservations'.

3. 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 Usage

This use case describes how to display reservations of a specific MCA.

This use case provides the basis for the execution of the following use cases:

l   [Enter current reservation](#) [▷ 259]

l   [Modify current reservation](#) [▷ 260]

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryCurReservation

References

Further information on screens involved can be found in the screen reference part:

l   [Reservations – Query Screen](#) [▷ 134]

l   [Reservations – Display Screen](#) [▷ 137]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Liquidity Management Features' and click on the sub-menu entry 'Query Reservations'.

3. 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.

🛈 **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:

l   CLM_ModifyCurReservation

References
Further information on screens involved can be found in the screen reference part:

l   Reservations – Display Screen [▶ 137]

Instructions

1. Complete the use case for Display reservations [▶ 258].

2. 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 you 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.

⇨ In case you entered a reservation for seizure of funds, a related task is directly created.

➡ 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 you enter 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 of Usage

This use case describes how to modify a current reservation. A reservation can be increased, 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> [▶ 137]

Instructions

1. Complete the use case for <u>Display reservations</u> [▶ 258].

2. 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 you 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.

   ⇨ In case you entered a reservation for seizure of funds, a related task is directly created.

   ➡ 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 you enter 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 Minimum Reserves

6.4.1 Display minimum reserve requirements and fulfilments per MFI

Context of Usage

This use case describes how to query information related to minimum reserve. Such information are:

l Start and end date of the current minimum reserve period

l Minimum reserve requirement

l Excess reserve exemption threshold

l Minimum reserve balances (e.g. running average, adjustment balance, excess reserve exemption balance, excess reserve remuneration balance)

l Account balances related to accounts throughout the services (e.g. RTGS DCA, TIPS Account) but belonging to the respective party BIC

Privileges

To carry out this use case, the following privilege is needed:

l CLM_QueryMinRes

References

Further information on screens involved can be found in the screen reference part:

l [Minimum Reserve – Query Screen](#) [▷ 141]

l [Minimum Reserve (Direct) – List Screen](#) [▷ 143]

l [Minimum Reserve (Indirect) – List Screen](#) [▷ 147]

l Minimum Reserve (Pool) – List Screen

l Minimum Reserve (Pool of Account Party Level) – List Screen

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.

6.4.2 Display aggregated MFI liquidity (indirect management)

Context of Usage

This use case describes how to display the aggregated minimum reserve requirement in case of indirect minimum reserve management.

By completing this use case, the user can retrieve information on:

l   The dates of the current minimum reserve period

l   The minimum reserve requirement of the individual institution(s) holding the requirement indirectly

l   The aggregated minimum reserve requirement of the intermediary and the institution(s) holding the requirement indirectly

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryMinRes

References

Further information on screens involved can be found in the screen reference part:

l   [Minimum Reserve – Query Screen](#) [▷ 141]

l   [Minimum Reserve (Direct) – List Screen](#) [▷ 143]

l   [Minimum Reserve (Indirect) – List Screen](#) [▷ 147]

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 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 minimum reserve 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.

🛈 **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.

🛈 **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.

6.4.3 Query minimum reserve infringement penalty payment

Context of Usage

This use case describes how central bank users can query the infringements of the community.

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryMinResInf

References

Further information on screens involved can be found in the screen reference part:

l   Minimum Reserve Infringements – Query Screen [▸ 159]

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 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 are to be displayed or leave the field empty in order to display all parties belonging to your community.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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.

6.4.4 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:

l   [Authorise/cancel minimum reserve infringement penalty payment](#) [▷ 264]

Privileges   To carry out this use case, the following privilege is needed:

l   CLM_QueryMinResInf

References   Further information on screens involved can be found in the screen reference part:

l   [Minimum Reserve Infringements – Query Screen](#) [▷ 159]

l   [Minimum Reserve Infringements – List Screen](#) [▷ 162]

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 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 are to be displayed or leave the field empty in order to display all parties belonging to your community.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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).

🛈   **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.

6.4.5 Authorise/cancel minimum reserve infringement penalty payment

Context of Usage   This use case describes how central bank users can authorise or cancel the penalty payment 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.

Privileges   To carry out this use case, the following privileges are needed:

l CLM_QueryMinResInf

l CLM_AdmMinResPen

References Further information on screens involved can be found in the screen reference part:

l Minimum Reserve Infringements – List Screen [162]

l Minimum Reserve Infringements – Administrate Minimum Reserve Penalty Order – Pop-up [164]

Instructions

1. Complete the use case for Display minimum reserve infringement penalty payment [263].

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.

3. 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.

   ➡ The user returns to the 'Minimum Reserve Infringements – List Screen'. The notification area shows whether the submission of the data has been completed.

6.4.6 Enter/modify minimum reserve requirement

Context of Usage This use case describes how central bank users can query the minimum reserve requirements of their community and how they can modify the queried minimum reserve requirements.

Privileges To carry out this use case, the following privileges are needed:

l CLM_QueryListMinResReq

l CLM_ModMinResReq

References Further information on screens involved can be found in the screen reference part:

l Minimum Reserve Requirements – Query Screen [149]

l Minimum Reserve Requirements – List Screen [152]

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.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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.

➡ 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.

6.4.7 Modify minimum reserve fulfilment

Context of Usage

This use case describes how central bank users can query the minimum reserve fulfilment of a specific party and how they can modify the minimum reserve fulfilment by making an adjustment to the EoD balance.

Privileges

To carry out this use case, the following privileges are needed:

l CLM_QueryListMinResFul

l CLM_ModMinResFul

References

Further information on screens involved can be found in the screen reference part:

l Minimum Reserve Fulfilments – Query Screen [▶ 154]

l Minimum Reserve Fulfilments – List Screen [▶ 156]

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 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 each past business day of the current minimum reserve 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.

➡ 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.

6.4.8 List minimum reserve requirements and fulfilments on banking community level

Context of Usage

This use case describes how central bank users can query and display the minimum reserve 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.

Privileges

To carry out this use case, the following privilege is needed:

l CLM_QueryMinResAccHol

References

Further information on screens involved can be found in the screen reference part:

l [Minimum Reserve Information per Account Holder – Query Screen](#) [▶ 234]

l [Minimum Reserve Information per Account Holder – List Screen](#) [▶ 236]

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 are to be displayed or leave the field empty in order to display all parties belonging to your community as a central bank user.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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.

🛈 **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 Query Standing Facilities

6.5.1 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.

Privileges
To carry out this use case, the following privilege is needed:

l CLM_QueryStaFac

References
Further information on screens involved can be found in the screen reference part:

l Standing Facilities – Query Screen [▶ 167]

l Standing Facilities – List Screen [▶ 168]

l Cash Transfers – List Screen [▶ 63]

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.

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).

6.6 Reference Data

6.6.1 Query/List party reference data

Context of Usage

This use case describes how to query party reference data and view the result list based on the selected filter criteria.

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryLocRefData

References

Further information on screens involved can be found in the screen reference part:

l   Party Reference Data – Query Screen [▶ 172]

l   Party Reference Data – List Screen [▶ 177]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Reference Data' and click on the sub-menu entry 'Query Party Reference Data'.

3. 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 you do not specify the output parameters, 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.

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.

🛈 **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 of Usage

This use case describes how to query cash account reference data and view the result list based on the selected filter criteria.

Starting from the queried reference data of a cash account, linked sub-accounts for RTGS DCAs can be displayed.

Privileges

To carry out this use case, the following privilege is needed:

l CLM_QueryLocPartyCashAccRefData

References

Further information on screens involved can be found in the screen reference part:

l [Cash Account Reference Data – Query Screen](#) [▷ 180]

l [Cash Account Reference Data – List Screen](#) [▷ 184]

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 you do not specify the output parameters, 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.

🛈 **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 RTGS DCA or RTGS sub-accounts**

The 'Cash Account Reference Data – List Screen' can be updated to show the linked RTGS sub-accounts for RTGS DCAs or the linked DCA for RTGS sub-accounts. This can be achieved by clicking on the context menu entries 'Display Sub-Accounts' or 'Display RTGS DCA' 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 of Usage

This use case describes how to query cash accounts by MFI and view the result list based on the selected filter criteria.

The result list shows Cash Accounts Reference Data by MFI matching the defined criteria.

Privileges

To carry out this use case, the following privilege is needed:

l CLM_QuerylocrefdatbyMFI

References

Further information on screens involved can be found in the screen reference part:

l Cash Account Reference Data by MFI – Query Screen [▸ 187]
l Cash Account Reference Data by MFI – List Screen [▸ 189]

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 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 Parameters'. If you do not specify the output parameters, 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 Usage

This use case describes how to search for an account BIC when the user only knows parts of the account BIC or the respective financial institution name.

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryBIC

References

Further information on screens involved can be found in the screen reference part:

l   [BICs – Query Screen](#) [▷ 190]

l   [BICs – List Screen](#) [▷ 192]

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.

3. Optionally, specify the sorting criterion and the sorting order of the result list in the section 'Output Parameters'. If you do not specify the output parameters, the result list will be sorted by 'Financial Institution Name' in ascending order.

4. Click on the 'Submit' button.

   ⇨ 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 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 case:

l [Confirmation/Withdrawal of 4-eyes task entries](#) [▷ 274]

Privileges

To carry out this use case, the following privileges are needed:

l CLM_QueryTaskQueue

l CLM_QueryTaskQueueDetail

References

Further information on screens involved can be found in the screen reference part:

l [Task Queue – Query Screen](#) [▷ 193]

l [Task Queue – List Screen](#) [▷ 196]

l [Task Queue – Details Screen](#) [▷ 198]

Instructions

1. Click on the menu button.

2. 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 you do not specify the output parameters, 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 matching 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.

6.7.2 Confirmation/Withdrawal of 4-eyes task entries

Context of Usage

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'.

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:

l [Reservations – Display Screen](#) [▷ 137]

l [Cash Transfers – Details Screen](#) [▷ 71]

l [Minimum Reserve Requirements – List Screen](#) [▷ 152]

l [Minimum Reserve Fulfilments – List Screen](#) [▷ 156]

l [Minimum Reserve Infringements – List Screen](#) [▷ 162]

l [Credit Line per Account Holder – List Screen](#) [▷ 124]

l [Task Queue – Details Screen](#) [▷ 198]

Instructions

1. Complete the use case for [Query task queue](#) [▷ 273].

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.

➡ The notification area displays the confirmation/withdrawal with the information 'Task ##### successfully confirmed/withdrawn'. The status of the 'Corresponding Task' changes to 'Confirmed'/'Withdrawn'.

🛈 **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.

6.8 Monitoring

6.8.1 Sum of Cash Transfer per Account Holder

Context of Usage

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.

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QuerySumCashTrans

References

Further information on screens involved can be found in the screen reference part:

l   Cash Transfer Totals by Party – Query Screen [▶ 203]

l   Cash Transfer Totals by Party – List Screen [▶ 206]

l   Cash Transfer Totals by Account – List Screen [▶ 207]

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 of the aggregated account holder information that are to be displayed or leave the field empty in order to display all aggregated account holder information of the parties belonging to your community as central bank user.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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.

🛈 **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 of Usage

This use case describes how to query information related to warehoused cash transfer orders for 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:

l CLM_QueryWarehoused

References

Further information on screens involved can be found in the screen reference part:

l Warehoused Cash Transfer – Query Screen [▷ 223]

l Warehoused Cash Transfer – List Screen [▷ 225]

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 cash transfer order information that are to be displayed or leave the field empty in order to display all warehoused cash transfer order information of the parties belonging to your community as central bank user.

4. Click on the 'Submit' button.

➡ The 'Warehoused Cash Transfer – List Screen' opens. The list shows all warehoused cash transfer order information of all party BICs matching the entered search criteria.

🛈 **Context menu entry 'Details'**

The context menu entry 'Details' redirects the user to the 'Cash Transfers – List Screen' displaying the warehoused cash transfer orders per account of the selected party.

6.8.3 Available Liquidity on Party Level

Context of Usage

This use case describes how to query a list of liquidity relevant information related to a participant. It is also possible to query data for all participants belonging to the community of the user.

This use case provides the basis for the following use case:

l   Available Liquidity per Account Holder [▶ 278]

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryAvailLiqui

References

Further information on screens involved can be found in the screen reference part:

l   Available Liquidity by Party – Query Screen [▶ 215]

l   Available Liquidity by Party – List Screen [▶ 217]

l   Available Liquidity by Account – List Screen [▶ 220]

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 for displaying liquidity relevant information or leave the field empty in order to display all liquidity relevant information of the parties belonging to your community as central bank user.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, 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 of Usage

This use case describes how to query a list of liquidity relevant information related to a participant. It is also possible to query data for all participants belonging to the community of the user.

Privileges

To carry out this use case, the following privilege is needed:

l   CLM_QueryAvailLiqui

References

Further information on screens involved can be found in the screen reference part:

l   Available Liquidity by Party – Query Screen [▷ 215]

l   Available Liquidity by Party – List Screen [▷ 217]

l   Available Liquidity by Account – List Screen [▷ 220]

Instructions

1. Complete the use case for Available Liquidity on Party Level [▷ 277].

2. 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:

l   CLM_QueryOverviewCashTrans

References

Further information on screens involved can be found in the screen reference part:

l   Cash Transfer Order Totals by Status – List Screen [▷ 209]

l   Cash Transfer Order Subtotals by Status – List Screen [▷ 213]

Instructions

1. Click on the menu button.

2. 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 aggregated information for all cash transfer orders of the current business day. This information is grouped by cash transfer status related to participants belonging to the banking community of the central bank user.

🛈 **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**

The context menu entry 'Display Cash Transfers' redirects the user to the 'Cash Transfers – List Screen' displaying detailed information on each related cash transfer order.

6.8.6 Overview standing facilities

Context of Usage
This use case describes how to query standing facilities information for a specific party BIC 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:

l   CLM_QueryStaFacAccHol

References
Further information on screens involved can be found in the screen reference part:

l   Standing Facilities per Account Holder – Query Screen [▶ 229]

l   Standing Facilities per Account Holder – List Screen [▶ 232]

Instructions

1. Click on the menu button.

2. Select the main menu entry 'Monitoring' and click on the sub-menu entry 'Query Standing Facilities per Account Holder'.

3. Enter the relevant party BIC of the standing facilities information that are to be displayed or leave the field empty in order to display all standing facilities information of the parties belonging to your community as central bank user.

4. Optionally, specify the sorting criterion and the sorting order in the section 'Output Parameters'. If you do not specify the output parameters, the result list will be sorted by 'Party BIC' in ascending order.

5. Click on the 'Submit' button.

➡ The 'Standing Facilities per Account Holder – List Screen' opens. The list shows all standing facilities 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.

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 Account Postings – Query Screen

No references for error messages.

7.1.2 Account Postings – List Screen

No references for error messages.

7.1.3 Available Liquidity by Party – Query Screen

No references for error messages.

7.1.4 Available Liquidity by Party – List Screen

No references for error messages.

7.1.5 Available Liquidity by Account – List Screen

No references for error messages.

7.1.6 BICs – Query Screen

No references for error messages.

7.1.7 BICs – List Screen

No references for error messages.

7.1.8 Cash Account Reference Data – Query Screen

No references for error messages.

7.1.9 Cash Account Reference Data – List Screen

No references for error messages.

7.1.10 Cash Account Reference Data by MFI – Query Screen

No references for error messages.

7.1.11 Cash Account Reference Data by MFI – List Screen

No references for error messages.

7.1.12 Cash Transfer Order Totals by Account – List Screen

No references for error messages.

7.1.13 Cash Transfer Order Totals by Party – Query Screen

No references for error messages.

7.1.14 Cash Transfer Order Totals by Party – List Screen

No references for error messages.

7.1.15 Cash Transfer Order Totals by Status – List Screen

No references for error messages.

7.1.16 Cash Transfer Order Subtotals by Status – List Screen

No references for error messages.

7.1.17 Cash Transfers – Query Screen

No references for error messages.

7.1.18 Cash Transfers – List Screen

For screen description see Cash Transfers – List Screen [▶ 63].

Reference for error message	Field or button	Error text	Description
E018	l Context menu entry 'Increase' l Context menu entry 'Decrease' l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp' l Context menu entry 'Revoke'	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.
U001	l Context menu entry 'Increase' l Context menu entry 'Decrease' l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify	Cash transfer order not existing	Modification is only possible if the cash transfer order exists.

Reference for error message	Field or button	Error text	Description
	Latest Debit Timestamp'		
U002	l Context menu entry 'Increase' l Context menu entry 'Decrease' l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp'	Modification not possible due to final cash transfer status	Modification is only possible if the cash transfer order is not yet in a final status.
U005	l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp' l Context menu entry 'Revoke'	Modification/revocation not allowed	Modification or revocation of a payment order by a CB is only allowed for payment orders sent by the CB within CLM (i.e. not sent by ECMS or Billing).
U007	l Context menu entry	EarliestDebitTime not specified in payment	Earliest debit time can only be changed if an earliest debit time

Reference for error message	Field or button	Error text	Description
	'Modify Earliest Debit Timestamp'		has been specified in the payment order to be modified.
U008	l Context menu entry 'Modify Earliest Debit Timestamp'	EarliestDebitTime already passed	Earliest debit time to be modified shall not be passed already (not relevant for warehoused payments).
U009	l Context menu entry 'Modify Earliest Debit Timestamp'	EarliestDebitTime outside of settlement window	New earliest debit time must be within the relevant settlement window in this currency.
U010	l Context menu entry 'Modify Earliest Debit Timestamp'	EarliestDebitTime after LatestDebit Time	New earliest debit time must be before latest debit time – if provided.
U011	l 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	l Context menu entry 'Modify Latest Debit Timestamp'	LatestDebitTime outside of settlement window	Latest debit time must be within the relevant settlement window in this currency.
U014	l Context menu entry	LatestDebitTime earlier than current system time	For payment orders with settlement date equal to the

Reference for error message	Field or button	Error text	Description
	'Modify Latest Debit Timestamp'		current business day, the new latest debit time must be after the current system time.
U015	l Context menu entry 'Increase' l 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	l Context menu entry 'Revoke'	Cash transfer order not existing	Revocation is only possible if the cash transfer order exists.
U017	l 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	l 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	l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp'	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	l Context menu entry 'Increase' l Context	Business sending user not authorised	The party of the business sending user must be: For payment orders: l the debit account owner of

Reference for error message	Field or button	Error text	Description
	menu entry 'Decrease'		the underlying cash transfer order l the responsible CB of the debit account owner of the underlying cash transfer order l the operator
U039	l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp'	Business sending user not authorised	The party of the business sending user must be: l the party of the business sender of the underlying payment order l the responsible CB of the party of the business sender of the underlying payment order l the operator

Reference for error message	Field or button	Error text	Description
U039	l Context menu entry 'Revoke'	Business sending user not authorised	The party of the business sending user must be: For payment orders: l the party of the business sender of the underlying payment order l the responsible CB of the party of the business sender of the underlying payment order l the operator
U040	l Context menu entry 'Increase' l Context menu entry 'Decrease' l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp' l Context menu entry 'Revoke'	Invalid signature for business sending user	The certificate DN must be linked to the business sending user of the instruction.
U041	l Context menu entry 'Increase'	The business sending user must have the privilege to perform this business	Business sending user does not have the privilege to perform this business function.

Reference for error message	Field or button	Error text	Description
	l Context menu entry 'Decrease' l Context menu entry 'Modify Earliest Debit Timestamp' l Context menu entry 'Modify Latest Debit Timestamp' l Context menu entry 'Revoke'	function.	

Table 181 - Cash Transfers – List Screen – Reference for error messages

7.1.19 Cash Transfers – Details Screen

For error messages on this screen see Cash Transfers – List Screen [▶ 282].

7.1.20 Cash Transfers – Modify Earliest Debit Time – Pop-up

For error messages on this screen see Cash Transfers – List Screen [▶ 282].

7.1.21 Cash Transfers – Modify Latest Debit Time – Pop-up

For error messages on this screen see Cash Transfers – List Screen [▶ 282].

7.1.22 CLM Cash Account Liquidity – Query Screen

No references for error messages.

7.1.23 CLM Cash Account Liquidity – Display Screen

No references for error messages.

7.1.24 Credit Line per Account Holder – Query Screen

No references for error messages.

7.1.25 Credit Line per Account Holder – List Screen

For screen description see Credit Line Per Account Holder – List Screen [▷ 124]

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.
U040	I 'Submit' button	Invalid signature for business sending user	The 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.
U045	I 'Submit' button	Invalid MCA	Main Cash Account must be a valid default MCA for the indicated currency.

Table 182 - Credit Line per Account Holder – List Screen – Reference for error messages

7.1.26 Financial Institution Credit Transfer – New Screen

For screen description see Financial Institution Credit Transfer – New Screen [▷ 97].

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	l 'Submit' Button l Section 'Instructing Agent' l 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	l '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.
U040	l 'Submit' Button	Invalid signature for business sending user	The certificate DN must be linked to the business sending user of the instruction.
U041	l '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	l 'Submit' Button l Field 'BAH – From BIC'	Invalid business sender in BAH	The business sender in the BAH (element 'From') must be: l The party BIC of the business sending user

Table 183 - FICT – New Screen – Reference for error messages

7.1.27 Liquidity Transfer – New Screen

For screen description see Liquidity Transfer – New Screen [▷ 128].

Reference for error message	Field or button	Error text	Description
E018	l '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	l 'Submit' Button	Sum of overnight deposits exceeds the maximum amount for central bank	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.
E097	l 'Submit' Button	Party not allowed to use standing facilities	The party linked to the account must be allowed to use standing facilities: l In case the creditor account is an overnight deposit account l In case the debtor account is an marginal lending account
U021	l Field 'Account Number' l 'Submit' Button	Invalid debit account type	The debtor account must be a valid account with the following account type: l Any CLM cash account l RTGS DCA l RTGS CB account l TIPS account l T2S DCA l T2S CB account
U023	l Field	Duplicate liquidity transfer	A liquidity transfer order with the

Reference for error message	Field or button	Error text	Description
	'Account Number' l Field 'Amount' l Field 'End to End ID' l 'Submit' Button		following identical field content for the current business day is a duplicate: l Debtor account l Creditor account l End-to-end identification l Settlement amount
U024	l Field 'Account Number' l '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: l CLM dedicated transit account for RTGS l CLM dedicated transit account for T2S l CLM dedicated transit account for TIPS l CB ECB account l ECB mirror account l ECONS II transit account
U027	l Field 'Account Number' l 'Submit' Button	Invalid credit account type	The creditor account must be a valid account with the following account type: l Any CLM cash account l RTGS DCA, T2S DCA or TIPS account l RTGS sub-account l RTGS CB account or T2S CB account

Reference for error message	Field or button	Error text	Description
U028	l Field 'Account Number' l '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	l Field 'Account Number' l 'Submit' Button	Account numbers do not refer to the same currency	'Debtor Account' and 'Creditor Account' must be cash accounts in the indicated currency.
U032	l Field 'Account Number' l 'Submit' Button	Invalid debtor account type or party not linked for overnight deposit setting up	If the creditor account is an overnight deposit account, the debtor account must be: l A cash account of another settlement service or l An MCA and the account holder of this MCA must be linked to the overnight deposit account to be credited
U033	l Field 'Account Number' l 'Submit' Button	Invalid creditor account type or party not linked for overnight deposit reversal	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	l Field 'Account Number' l 'Submit' Button	Invalid counterpart account type or party not linked for marginal lending liquidity transfer	If the debtor/creditor account is a marginal lending account, the counterpart account must be an MCA and the account holder of this MCA must be linked to the marginal lending account to be

Reference for error message	Field or button	Error text	Description
			debited/credited.
U035	l 'Submit' Button	Sum of overnight deposits exceeds the maximum amount for central bank	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	l 'Submit' Button	Liquidity transfer on marginal lending account 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	l Field 'Account Number' l '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: l MCA l CLM CB account l Overnight deposit account

Reference for error message	Field or button	Error text	Description
U039	l 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: For overnight deposit reverse orders: l The CLM Account Holder linked to the overnight deposit account or l The co-manager of the CLM Account Holder linked to the overnight deposit account or l The CB owning the overnight deposit account or l The operator For marginal lending setting up orders (till ECMS go-live): l The CB owning the marginal lending account or l The operator For marginal lending reverse orders (till ECMS go-live): l The operator For all other liquidity transfer orders (incl. overnight deposit setting up orders and pull liquidity transfer orders): l The debit account owner or l The co-manager of the debit account owner or l The responsible CB of the debit account owner or l The operator
U040	l 'Submit' Button	Invalid signature for business sending user	The certificate DN must be linked to the business sending

Reference for error message	Field or button	Error text	Description
			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.

Table 184 - Liquidity Transfer – New Screen – Reference for error messages

7.1.28 Messages – Query Screen

No references for error messages.

7.1.29 Messages – List Screen

No references for error messages.

7.1.30 Messages – Details Screen

No references for error messages.

7.1.31 Minimum Reserve – Query Screen

No references for error messages.

7.1.32 Minimum Reserve (Direct) – List Screen

No references for error messages.

7.1.33 Minimum Reserve (Indirect) – List Screen

No references for error messages.

7.1.34 Minimum Reserve Fulfilments – Query Screen

No references for error messages.

7.1.35 Minimum Reserve Fulfilments – List Screen

For screen description see Minimum Reserve Fulfilments – List Screen [▶ 156].

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.
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	Invalid signature for business sending user	The 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.
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.

Table 185 - Minimum Reserve Fulfilments – List Screen – Reference for error messages

7.1.36 Minimum Reserve Information per Account Holder – Query Screen

No references for error messages.

7.1.37 Minimum Reserve Information per Account Holder – List Screen

No references for error messages.

7.1.38 Minimum Reserve Infringements – Query Screen

No references for error messages.

7.1.39 Minimum Reserve Infringements – List Screen

No references for error messages.

7.1.40 Minimum Reserve Infringements – Administrate Min. Reserve Penalty Order – Pop-up

For screen description see Minimum Reserve Infringements – Administrate Minimum Reserve Penalty Order – Pop-up [▶ 164].

Reference for error message	Field or button	Error text	Description
E018	l '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.
E117	l 'Submit' Button	Authorisation/cancellation not possible due to final penalty status	A penalty with a final status cannot be authorised/cancelled.
U039	l 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: l The responsible CB of the referenced party l The operator

Reference for error message	Field or button	Error text	Description
U040	❙ 'Submit' Button	Invalid signature for business sending user	The certificate DN must be linked to the business sending user of the instruction.
U041	❙ '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.
U056	❙ '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.

Table 186 - Min. Reserve Infringements – Admin. MR Penalty Order – Pop-up – Ref. for err. msg.

7.1.41 Minimum Reserve Requirements – Query Screen

No references for error messages.

7.1.42 Minimum Reserve Requirements – List Screen

For screen description see Minimum Reserve Requirements – List Screen [▶ 152].

Reference for error message	Field or button	Error text	Description
E018	❙ '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.
U039	❙ 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: ❙ The responsible CB of the referenced party ❙ The operator

Reference for error message	Field or button	Error text	Description
U040	I 'Submit' Button	Invalid signature for business sending user	The 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.
U051	I 'Submit' Button	Currency code not EUR	The currency code must be 'EUR'.
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.

Table 187 - Minimum Reserve Requirements – List Screen – Reference for error messages

7.1.43 Party Reference Data – Query Screen

No references for error messages.

7.1.44 Party Reference Data – List Screen

No references for error messages.

7.1.45 Reservations – Query Screen

No references for error messages.

7.1.46 Reservations – Display Screen

For screen description see <u>Reservations – Display Screen</u> [▶ 137].

Reference for error message	Field or button	Error text	Description
E018	l '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	l 'Submit' Button	Instruction not possible due to blocking account/party status	If the relevant cash account is in status blocked, the business sender of the instruction must be the responsible CB or the operator.
U039	l 'Submit' Button	Business sending user not authorised	The party of the business sending user must be: l Only valid for CBO reservation: the account owner of the relevant cash account l Only valid for CBO reservation: the co-manager of the relevant cash account l The responsible CB of the relevant cash account l The operator

Reference for error message	Field or button	Error text	Description
U040	**I** 'Submit' Button	Invalid signature for business sending user	The 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.
U050	**I** 'Submit' Button	Invalid account type	Modification is only possible for account type 'MCA'.

Table 188 - Reservations – Display Screen – Reference for error messages

7.1.47 Standing Facilities – Query Screen

No references for error messages.

7.1.48 Standing Facilities – List Screen

No references for error messages.

7.1.49 Standing Facilities per Account Holder – Query Screen

No references for error messages.

7.1.50 Standing Facilities per Account Holder – List Screen

No references for error messages.

7.1.51 Task Queue – Query Screen

No references for error messages.

7.1.52 Task Queue – List Screen

No references for error messages.

7.1.53 Task Queue – Details Screen

For screen description see Task Queue – Details Screen [▶ 198].

Reference for error message	Field or button	Error text	Description
E018	▪ 'Confirm' Button ▪ '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.
U039	▪ 'Confirm' Button ▪ 'Withdraw' Button	Business sending user not authorised	The party of the business sending user must be the same as the party of the business sending user, which created the task.
U040	▪ 'Confirm' Button ▪ 'Withdraw' Button	Invalid signature for business sending user	The certificate DN must be linked to the business sending user of the instruction.
U041	▪ 'Confirm' Button ▪ '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	▪ 'Confirm' Button ▪ 'Withdraw' Button	Second business sending user must be different from first business sending user	The second business sending user confirming/rejecting the task must be different from the first business sending user initiating the task.
U049	▪ 'Confirm' Button ▪ 'Withdraw' Button	Invalid task status	Confirmation or rejection is only possible if the task is in status 'to be confirmed'.

Table 189 - Task Queue – Details Screen – Reference for error messages

7.1.54 Warehoused Cash Transfers – Query Screen

No references for error messages.

7.1.55 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 190 - General Error

Client Errors The following client errors may occur:

Error Code	Title	Instruction
400	Bad Request	Check the validity of the provided entries and try again. If this error persists, contact the local IT administration.
403	Forbidden	Contact the local user administrator if the access to the desired resource is falsely denied.
404	Not Found	The requested resource could not be found. Check the previous entry.
408	Request Timeout	The server timed out waiting for the request. If this error persists, check the connection or contact the local IT administration.

Table 191 - Client Errors

Server Errors The following server errors may occur:

Error Code	Title	Instruction
500	Internal Server Error	Try again later. If this error persists, contact the T2 service provider.
501	Not Implemented	Try again later. If this error persists, contact the T2 service provider.
502	Bad Gateway	Check the connection to the network service provider. If this error persists, contact the T2 service provider.
503	Service Unavailable	Try again later. If this error persists, contact the T2 service provider.
504	Gateway Timeout	Check the connection to the network service provider. If this error persists, contact the T2 service provider.

Table 192 - Server Errors

7.3 List of Privileges

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryAccBal	CLM Query Account Balance	Cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for Payment Bank); only A2A	In U2A via Available Liquidity – Query Screen covered
CLM_QueryAccStat	CLM Query Account Statement	Reports relevant for requesting party	
CLM_DownloadStatAcc	CLM Download Statement of Account	Cash account within own System Entity (for CB) or owned by own or co-managed Party (for Payment Bank); only U2A	
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	Reservations defined on cash accounts within own	Modification possibility in

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
	Reservation	System Entity (for CB) or owned by own or co-managed Party (for Payment Bank)	Reservations – Display Screen
CLM_ModSeizofFun	CLM Modify Seizure of Funds	Reservations defined on cash accounts within own System Entity (for CB); only U2A	Modification possibility in Reservations – List Screen
CLM_QueryCashTransAuditTrail	CLM Query Cash Transfer Order Audit Trail	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 CB Account Holder); only U2A	Context menu from Cash Transfers – 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 Party (for CLM Account Holder or CLM CB Account Holder); only U2A	Cash Transfers – Query Screen 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 Cash Account Liquidity – Query Screen CLM Cash Account Liquidity – Display Screen

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
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)	
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
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

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
			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
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)	Liquidity Transfer Order – New Screen
CLM_IniMarLenonreq	CLM Initiate Marginal Lending on request	Cash accounts within own System Entity (for CB)	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)	Liquidity Transfer Order – New Screen
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)	Liquidity Transfer Order – New Screen

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
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
CLM_QueryBC	CLM Query Business Case	All cash transfers on Cash Accounts within own System Entity (for CB); only U2A	
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	Standing Facilities – List Screen
CLM_QueryMinRes	CLM Query Minimum Reserve	Data within own System Entity (for CB) or own MFI (for Payment Bank)	Minimum Reserve – List Screen
CLM_QueryListMinResReq	CLM Query and List Minimum Reserve Requirement	Cash Accounts within own System Entity (for CB)	Minimum Reserve – Query Screen Minimum Reserve – List Screen
CLM_ModMinResReq	CLM Modify Minimum Reserve Requirement	Cash Accounts within own System Entity (for CB)	Minimum Reserve – List Screen
CLM_QueryListMinResFul	CLM Query and List	Cash Accounts within own System Entity (for CB); only	Minimum Reserve Fulfilment – List

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PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
	Minimum Reserve Fulfilment	U2A	Screen
CLM_ModMinResFul	CLM Modify Minimum Reserve Fulfilment	Cash Accounts within own System Entity (for CB)	Minimum Reserve Fulfilment – List Screen
CLM_QueryMinResInf	CLM Query of Minimum Reserve Infringements	Cash Accounts within own System Entity (for CB); only U2A	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	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 Monitoring Group (for Payment Bank); only U2A	Party Reference Data – Query Screen Party Reference Data – List Screen
CLM_QueryLocPartyCashAccRefData	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_QueryBIC	CLM Query BIC data	Visible for all parties; only U2A	BIC – Query Screen

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
			BIC – List Screen
CLM_QuerylocrefdatbyMFI	CLM Query local reference data by MFI	Reference data within own System Entity (for CB); only U2A	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	
CLM_NewBroadcast	CLM New broadcast	Cash Accounts within own System Entity (for CB) and Operator; only U2A	
CLM_QueryLiqonCBLev	CLM Query Monitoring Screen 'Liquidity on CB Level'	Cash Accounts within own System Entity (for CB); only U2A	
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 Screen 'Available Liquidity per Account Holder'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Available Liquidity per Account Holder – Query Screen

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
			Available Liquidity per Account Holder – List Screen
CLM_QueryReservationDedLiqui	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 Screen 'Available Liquidity on Banking Group Level'	Cash Accounts within own System Entity (for CB), Operator; only U2A	
CLM_QueryLiqParLev	CLM Query Monitoring Screen 'Available Liquidity on Party Level'	Cash Accounts within own System Entity (for CB), Operator; only U2A	Available Liquidity per Party – Query Screen Available Liquidity per Party – List Screen
CLM_QueryOverviewCashTrans	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

PRIVILEGE NAME	PRIVILEGE LONG NAME	DATA SCOPE	SCREEN
CLM_QueryStaFacAccHol	CLM Query Monitoring Screen 'Standing Facilities per Account Holder'	Cash Accounts within own System Entity (for CB), Operator; only U2A	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	Minimum Reserve Information per Account Holder – Query Screen Minimum Reserve Information per Account Holder – List Screen
CLM_QueryMonCriSit	CLM Query Monitoring Screens Crisis Situation	Cash Accounts within own System Entity (for CB) Operator and CBs need both privileges; only U2A	
CLM_UploadDMT	CLM Upload DMT File	Cash Accounts within own System Entity (for CB); only U2A	
CLM_UploadFileU2AContSit	CLM Upload File U2A in contingency situation	Cash Accounts within own System Entity (for CB); only U2A	
CLM_QueryLisSysPara	CLM Query/List System Parameter	All party user for a specific currency	
CLM_QueryListEvents	CLM Query/List Events	All party user for a specific currency	

Table 193 - List of Privileges (complete list; relevant for all CLM GUI screens)