General Information (Origin of Request)		
☐ User Requirements Document (URD) ☒ User Detailed Functional Specification (UDFS) ☒ User Handbook (UHB) ☒ Other User Functional or Technical Documentation (SYS)		
Request raised by: ECB	**Institute:** ECB	**Date raised:** 24 October 2025
Request title: T2 adaptations due to Pontes		**Request ref. no:** T2-0160-SYS
Request type: Common		
1. Legal/business importance parameter:		**2. Market implementation efforts parameter – Stakeholder impact:**
3. Operational impact:		**4. Financial impact parameter:**
5. Functional/ Technical impact:		**6. Interoperability impact:**
Requestor Category:		**Status:**

Reason for change and expected benefits/business motivation:

The Eurosystem has launched a dual-track strategy to enable the settlement of distributed ledger technology (DLT)-based wholesale transactions in central bank money (CeBM) following the successful completion of exploratory work in 2024 [1]. This strategy combines a short-term delivery through Pontes together with a longer-term approach to develop an innovative and integrated ecosystem in Europe under Appia [2]. The Eurosystem DLT-based solution for Pontes will link market DLT platforms with existing TARGET Services, providing settlement for the cash leg of transactions.

The service will enable the issuance, redemption, and settlement of wholesale CeBM (wCeBM) in the form of 'tokens', which constitute direct, risk-free claims on the Eurosystem national central banks (NCBs). Additionally, it will facilitate reliable settlement of transactions involving eligible assets on authorised external DLT platforms where the payment leg is settled in the Eurosystem DLT with delivery-versus-payment (DvP) and payment-versus-payment (PvP). DvP and PvP transactions will be settled on an all-or-none basis, on a gross basis, and as close to simultaneously as possible.

Furthermore, Pontes will support the settlement of wholesale payments in central bank money within the Eurosystem, where such payments arise in the context of eligible asset transactions (e.g., coupon payments, margin calls) or other automated wholesale payments (e.g., payments originating from future use cases implemented via smart contracts deployed on the Eurosystem DLT).

The Pontes project is currently in the pre-investigation phase, which will continue until the end of February 2026. Its realisation phase, subject to a decision by the Governing Council, is planned to start after the investigation phase, in September 2026. The Pontes project will be delivered along this delivery approach:

- Pontes Pilot: A pilot phase to be conducted from 21 September 2026, with the support of the Euroystem and leveraging TARGET Services, specifically T2 RTGS functionalities.
- Enhanced product: A dedicated DLT platform to be launched on 27 March 2028 with the goal to reach a service integrated within the TARGET Services technical, legal and operational perimeter.

Throughout this period, scope and prioritisation will be aligned with the Appia strategic vision and the common Eurosystem roadmap to ensure coherence, maximise synergies and present a seamless proposition to the market.

From an architectural perspective, Pontes will be hosted within the 4CBNet and will integrate seamlessly with existing TARGET Services (e.g., ESMIG, reference data, liquidity management, billing, and business day management, etc.).

[1] Between May 2024 and November 2024, the Eurosystem conducted extensive exploratory work with external market DLT platforms and market participants to assess the benefits of the technology and the opportunity/feasibility to provide CeBM in a tokenised form as a settlement asset. Report: The Eurosystem's exploratory work on new technologies for wholesale central bank money settlement (ECB, June 2025).

[2] Appia will through a combination of targeted practical work with selected market stakeholders and analytical work, define the necessary infrastructure(s) and provision of central banking services and policy implementation, standards, rules, and governance in a coherent European DLT ecosystem across the full value chain, with a launch paper planned for early 2026 and a blueprint expected by 2028.

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The scope of the Pontes project includes the management of Dedicated Cash Wallets (DCWs) and CB Cash Wallets. These wallets will be associated with Pontes participants as well as Central Banks, and will allow them to manage their tokenised liquidity efficiently on the platform. Pontes DCWs will enable the settlement of DLT transactions in a similar manner to how RTGS DCAs, TIPS DCAs or T2S DCAs are used. Funding and defunding of DCWs will be performed at the request of and on behalf of Pontes end-users. In turn, Pontes DCWs will be funded/defunded by transferring liquidity from/to other TARGET Services. The Pontes DCWs will fall under the legal perimeter of the TARGET Guideline.

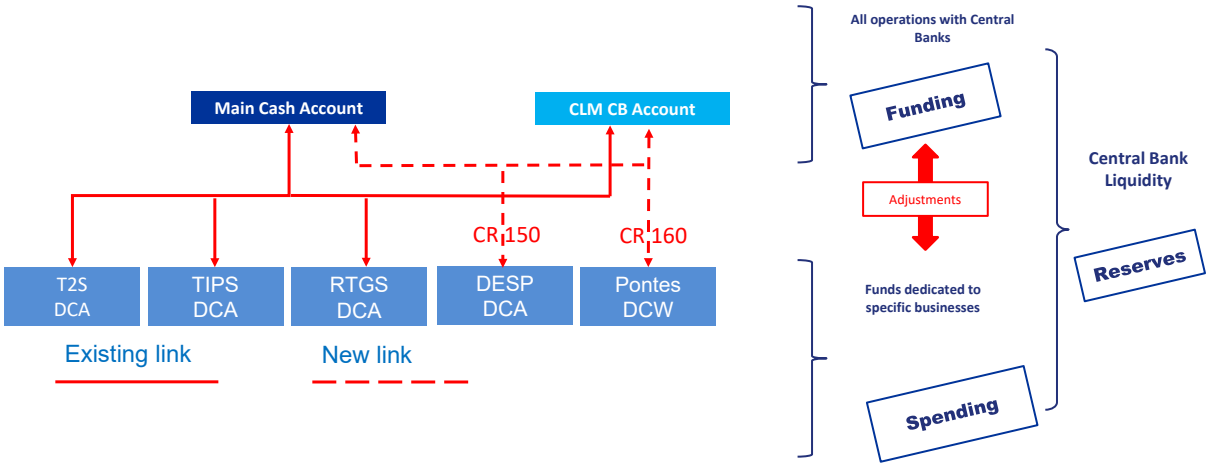
Each Pontes DCW will be linked to an Main Cash Account (MCA) in the T2 Central Liquidity Management (CLM) component, which will serve as the main liquidity pivot, distributing liquidity to TARGET Services DCAs. Pontes DCW and Pontes CB Wallet balances will be treated as liquidity held in other TARGET Services accounts and will therefore be fully fungible.

A software change is required to facilitate the interaction between T2 CLM (where MCAs and CLM central bank accounts are held) and Pontes, for the purpose of implementing the Pontes Enhanced product.

Description of requested change:

The purpose of this change request is to enable the transfer of liquidity between Pontes DCWs or Pontes CB Wallets and T2 accounts (MCAs, RTGS DCACLM CB or RTGS CB Accounts) following the current TARGET Services account structure and enable the Pontes service to interact with T2 and its components where relevant. In addition, the change request is enabling Pontes DCWs and Pontes CB Wallets to be considered for other central bank related functionalities including, inter alia, where relevant, the general ledger processing, cross-CB turnover, the minimum reserve management processing,the automatic marginal lending and current account remuneration.

From this perspective, the Pontes DCW will be treated similarly as the DCAs of other TARGET settlement services



In addition to the interactions between T2 and Pontes in euro, the change request should also enable similar interactions between T2 and Pontes in a different currency if it is managed [3] in both platforms. Thus, the future onboarding of new currencies in Pontes should not require additional change requests on the T2 side unless they bring new requirements.

Pontes will interact with T2 in the following areas:

1) Liquidity transfers [4]

The combinations of liquidity transfers (LTs) requested in this Change Request are valid between a Pontes DCW, a Pontes CB Wallet on Pontes side and, an MCA and CLM CB Account, RTGS DCA and RTGS CB Account on T2 side. They come in addition to the combinations already in place across the TARGET Services.

The LT combinations between T2 and Pontes are based on the working assumption that Pontes will be enabled to initiate

[3] It should be noted that Pontes will support only T2 currencies. If a currency is not used in T2, it will not be supported in Pontes.

[4] Volumetrics shall be based on current T2-TIPS interaction volumes. The number of TIPS accounts shall be taken as a reference for the number of Pontes DCWs. For Pontes DCWs interactions, it shall be assumed that 0.3 transactions/second would be triggered due to liquidity transfers. Having this assumption in mind and approximately 5 DCA/CMB liquidity transfers per intermediary (approx. 5,500) and per day, there would be a total of 27,500 liquidity transfers per day.

For the scenario when T2 could be closed, the floor/ceiling notifications to T2 are put on hold, and when T2 becomes available again, Pontes compares the balances again and triggers floor/ceiling accordingly if still needed. Even if there would be a high number of notifications sent to T2 at once, T2 could add them to the queue and process them gradually. It should be considered that there will be at least 7 rule-based liquidity transfers per second.

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LTs in push mode[5].

The scope of this change request includes only LT combinations between T2 (CLM and RTGS) and Pontes. LTs between Pontes Wallets or between Pontes and other TARGET Services will be defined in the context of the project via separate CRs.

As a matter of principle, the required implementation mechanisms should be as similar as possible to other TARGET settlement services including the usage of a CLM dedicated transit account for Pontes and a Pontes transit account to mirror Pontes DCW and Pontes CB Wallet balances. The implementation shall also foresee alerts, error handling and different mechanisms to avoid misalignment of transit accounts or trapped liquidity[6] . In case for example of a failed liquidity transfer between an MCA and Pontes DCW, an alert will be raised to the Operator, in case a rejection is received from the receiving or debiting platform. Rejections shall also trigger a reimbursement of the liquidity to the debit account[7].

In case a Pontes DCW having a non-zero balance on closing day, the working assumption is that this balance will be automatically transferred from Pontes DCW to the Pontes CB Wallet[8] by Pontes.

1.1 Immediate Liquidity Transfers in A2A and U2A (Push)

The change shall allow T2 users with the relevant privileges to perform immediate liquidity transfers in A2A or U2A from any MCA/CLM CB Account/ RTGS DCA/RTGS CB Account to any Pontes DCW/ Pontes CB Wallet in push mode as per the below combinations.

		Credited account
		Pontes Dedicated Cash Wallet / Pontes CB Wallet
Debited account	Pontes Dedicated Cash Wallet / Pontes CB Wallet	
	Main Cash Account/ CLM CB Account	X
	RTGS DCA/ RTGS CB Account	X

Additional information:

The change shall enable T2 users to receive liquidity from Pontes DCW/Pontes CB Wallet into any MCA/CLM CB Account/ RTGS DCA/RTGS CB Account[9].

1.2 Immediate Liquidity Transfers in U2A from CLM GUI (Push and Pull)

The change shall allow T2 users to perform immediate liquidity transfers in U2A from an MCA, CLM CB Account to a Pontes DCW, Pontes CB Wallet in push mode or from a Pontes DCW/ Pontes CB Wallet to an MCA/ CLM CB Account in pull mode via the CLM GUI as per the below combinations.

	Credited account	
	Pontes Dedicated Cash Wallet / Pontes CB Wallet	Main Cash Account (pull) / CLM CB Account

[5] Pontes LT model will be comparable to TIPS, in contrast to the Digital Euro Service Platform (DESP) which is unable to push liquidity and therefore allows LTs (pull and push modes) only from T2 CLM.

[6] This refers to cases where one leg of a liquidity transfer is executed but not the other leg e.g. in case of LT to an MCA to a Pontes DCW, the leg from the MCA to CLM dedicated transit account for Pontes would settle but not the leg from Pontes dedicated transit account to Pontes DCW.

[7] The assumption is that Pontes will include rebooking mechanisms in case of failed/rejected liquidity transfers.

[8] This automatic process similar to T2 removes the need for a manual procedure by T2-OT to repatriate the remaining liquidity in CLM. It will be defined by the Pontes project.

[9] This is on Pontes requirement provided here for information.

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Debited account	Pontes Dedicated Cash Wallet / Pontes CB Wallet		X
	Main Cash Account /CLM CB Account (push)	X	

1.3 Immediate liquidity Transfers in ECONS II

The working assumption is that liquidity transfers between Pontes and ECONS II will not be allowed, at least not from the start, as further discussions are required between the Pontes-WG and Pontes 4CB on this matter, especially since Pontes will not support critical participants or process critical transactions.

1.4 Floor and Ceiling Rule-based Liquidity Transfers set up in Pontes (Push and Pull)

The working assumption is that Pontes will monitor Floor and Ceiling breach in the Pontes DCWs and initiate any Rule-based Liquidity Transfers directly from Pontes, similar to TIPS. The solution should be designed in such a way that:

- In the event of a Pontes DCW floor breach, if a dedicated rule is set up in CRDM, a LT (i.e. by means of a camt.050 message) shall be created by Pontes and shall be sent to CLM in order to pull from the configured MCA to the affected Pontes DCW the amount of liquidity needed to reach the specified target balance;

- In the event of a Pontes DCW ceiling breach, if a dedicated rule is set up in CRDM, a Liquidity Transfer (i.e. by means of a camt.050 message) shall be created by Pontes and shall be sent to CLM in order to push from the affected Pontes DCW to the configured MCA the amount of liquidity needed to reach the specified target balance;

- the failure of a LT in the cases listed above does not result in reattempting that LT in a potentially endless loop. The design of TIPS to handle similar cases should be re-used, to the extent applicable. the rule-based LTs should be optional. As foreseen for T2 and TIPS, the Pontes DCW holder should have a choice between automated LTs and notifications or a combination of both.

In case of insufficient liquidity to settle a rule-based LT due to a floor breach, partial settlement shall be allowed.

		Credited account	
		Pontes Dedicated Cash Wallet (pull)	Main Cash Account/
Debited account	Pontes Dedicated Cash Wallet (push)		X
	Main Cash Account	X	

1.5 Standing Orders Liquidity Transfers

The change shall Pontes users to configure standing order liquidity transfers in CRDM and allow their execution between Pontes and T2 based on the following combinations:

		Credited account	
		Pontes Dedicated Cash Wallet Pontes Central Bank Wallet	Main Cash Account/ CLM CB Account
Debited account	Pontes Dedicated Cash Wallet / Pontes Central Bank Wallet		X

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	Main Cash Account / CLM CB Account	X	

The logic to apply (e.g. in terms of triggering events) shall be similar to the one applied between Main Cash/CLM CB Account and RTGS Dedicated Cash Account / RTGS CB Account.

2) Account Monitoring Group and Liquidity Queries via U2A

The change shall allow to include the Pontes DCWs in the Account Monitoring Group and therefore, the leader party shall be able to view the full list of cash accounts, including the Pontes DCW and the Pontes DCW balances in the related queries under its data scope.

In addition, the change shall include the Pontes DCW, Pontes CB Wallet balances and Pontes DCW, Pontes CB Wallet transactions with CLM in query and display screens of the CLM GUI, if applicable [10]. The Pontes DCW and Pontes CB Wallet balance(s) will be part of the liquidity information overview provided by the CLM GUI.

The blocked cash balances in Pontes DCWs will be displayed as CoSD blocked cash balances similarly to T2S DCAs.

3) Reference data creation/updates and queries via the CRDM GUI

The change shall allow CRDM users to create/maintain/delete/query all reference data relevant for the Pontes service [11], similarly to TIPS [12]/ (e.g. Pontes DCW [13], Pontes CB Wallet, Credit Memorandum Balances – CMB, Pontes transit accounts, floor and ceiling notifications, rule-based LTs, , Pontes roles and privileges [14]) as well as to block/unblock Pontes DCWs. The change shall also allow intraday propagation of Pontes CMB limits. The format of Pontes Wallets and account shall be similar to the one of other TARGET Services (i.e. 34 characters) [15].For the first creation of Pontes DCWs, data upload tools should be provided [16].

Any blocking on a Pontes DCW account holder, Pontes DCW or CMB performed in CRDM should be propagated to Pontes immediately. The process shall be similar to the one currently in place for TIPS, i.e. if a blocking of a Pontes DCW account holder, Pontes DCW or CMB is performed directly in Pontes (for example, while CRDM is unavailable), it will be necessary to restore the alignment between CRDM and Pontes by performing the same change(s) in CRDM as well – i.e., there will be no propagation blocking status from Pontes to CRDM.

In addition to central banks and participants actors, Pontes will also use other categories Central Securities Depositories, actors Market DLT operators [17] , and Addressable entity [18].

The working assumption is that Central banks, participants, Central Securities Depositories. Market DLT operators will be defined as party in CRDM. The addressable entity will be defined as an authorised account user BIC on the Pontes DCW of a participant [19]. The current change needs to foresee the relevant configuration in CRDM.

4) General Ledger processing

[10] CLM will retrieve the Pontes DCW andPontes CB Wallet balances from Pontes.

[11] There are some Pontes reference data that are nor relevant for CRDM and CLM and therefore, will be defined only in Pontes Local Reference Data Management (LRDM) like ESY DLT metadata.

[12] Pontes will not use AS technical accounts like TIPS or online/offline circulation accounts like DESP. Contrary to TIPS, Pontes will use the Pontes CB Wallet.

[13] The number of TIPS accounts could be taken as a reference for the number of Pontes DCWs.

[14] The implementation shall specify T2 privileges and the corresponding propagation flows from CRDM to T2. Regarding Pontes, the implementation shall ensure adequate flexibility to accommodate the future addition of Pontes privileges. It shall also include the corresponding propagation flows from CRDM to Pontes.

[15] The naming convention of the Pontes Wallets and account will be defined by the Level 2 central banks in line with the naming convention used for other TARGET Services.

[16] The assumption is that Data Migration Tool used for the T2-T2S Consolidation project can be leveraged to ease the creation of Pontes DCW and Pontes CB Wallets related reference data in CRDM.

[17] Market DLT operators are the entities that offer DLT-based services on one or more market DLT platforms (outside the perimeter of the PONTES service). Upon configuration, market DLT operators can instruct transactions on behalf of one or more participants.

[18] Financial institutions, without own technical access to Pontes, that can settle transactions via a Participant's DCW. Transactions will be sent to Pontes (i) by the Participant owning the DCW, (ii) by a market DLT operator configured to instruct transactions on behalf of the Participant owning the DCW or (iii) another Participant configured to instruct transactions on behalf of the Participant owning the DCW (limited to the wallet-to-wallet payments). Identified by a BIC known to Pontes.

[19] The setup of the addressable entities will be similar to the one of reachable parties in TIPS.

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The change shall enable T2 CLM to receive and process every T2 operating day, the general ledger file per currency from Pontes related to the Pontes DCWs, Pontes CB Wallets and Pontes dedicated transit account.

The interactions between T2 CLM and Pontes relating to the general ledger file will be similar to the ones between T2 CLM and other settlement services (RTGS, TIPS and T2S)[20].

The Pontes general ledger file will have the same format and will include similar information as the general ledger file received by CLM from T2S including all Start and End of Day balances of all Pontes DCWs and CB Wallets, transit account(s) and information on potential blocked balances[21] on Pontes DCWs that shall not be considered by CLM for the Minimum Reserve fulfilment and Automatic Marginal Lending calculation (similar to T2S CoSD blocked cash balances).

Additionally, the general ledger file sent by T2 CLM to CBs for Pontes, shall include blocked and unblocked elements (debits/credits as well as opening/closing balances) if there are blocked balances in the related Pontes DCW, similarly to the process introduced by CRs T2-0153-SYS and T2-0172-SYS[22].

T2 CLM shall process the Pontes general ledger file in the same way as the general ledger file received from other settlement services including performing consistency checks, adding general ledger data for CLM cash accounts, producing settlement service-specific general ledger files and sending it to each CB. In addition, the processing time will be in line with CLM requirements.

5) Cross-CB turnover

The change shall consider Pontes DCW and Ponte CB Wallet balances for the calculation of cross-CB turnover.

The process will be similar to the one applied for all other TARGET accounts.

6) Minimum / Excess Reserve Management and Automatic Marginal Lending

The change shall consider Pontes DCW balances for the management of minimum reserves, excess reserves and penalties, automatic marginal lending as well as for the current account remuneration introduced in CR T2-0158..

The process will be based on the general ledger files to be received by CLM and managed similarly to the ones for any TARGET Services' participants accounts.

7) Minimum reserve queries in A2A and U2A

The change shall consider Pontes DCW end-of-day (EoD) balances in the minimum reserve queries in A2A and U2A via CLM, i.e. Pontes DCW minimum reserve information shall be allowed to be queried only via CLM in A2A and U2A.

Additional requirements

Activation: The changes in this request shall be delivered with a T2 release either in June or November. There shall be flexibility to activate these changes as needed for Pontes in testing environments, while keeping them dormant in production until decided to activate them. The deployment and activation timeline shall be aligned with the overall Pontes schedule and its associated testing phases.

Future releases: As a matter of principle, future T2 change requests affecting the interaction with Pontes will be delivered with a T2 release in either June or November, unless otherwise decided by the T2 governance.

Accordingly, the change shall also foresee switches and simulators to allow T2 testing in cases where Pontes is not ready for an end-to-end testing.

Communication and common components

The change request is based on the following assumptions regarding the common components.

- Communication with other TARGET Services

Pontes and the other TARGET Services will communicate leveraging the existing internal communication components.

- Eurosystem Single Market Infrastructure Gateway (ESMIG)

Pontes will leverage an enhanced version of ESMIG which will include additional features specific for Pontes e.g. use of APIs, etc. The necessary ESMIG/NSP changes will be addressed in a separate CR to be raised by the Pontes project team.

[20] The process whereby T2 CLM will send to Pontes "stop processing liquidity transfers" messages. After the Pontes confirmation, T2 CLM will request Pontes to send the general ledger file (similar to what is currently done with TIPS).

[21] The working assumption is that the blocked cash balances will be similar to CoSD blocked cash balances in T2S.

[22] Full titles of CRs T2-0153-SYS and T2-0172-SYS are i) T2-0153-SYS: T2 should exclude CoSD blocked cash balances from the sub-balances accounting for monetary policy operations and ii) T2-0172-SYS_Additional accounting requirements due CoSD blocked cash balances implementation in T2.

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- Common Reference Data Management (CRDM)

CRDM will propagate to Pontes at the end of day (timing to be aligned with the propagation to TIPS), all reference data relevant for the Pontes service including Pontes DCWs (and related party reference data), Pontes transit account, created and maintained in CRDM (except for blocking which is propagated to Pontes immediately).

In addition, ad-hoc propagation from CRDM to Pontes can be triggered in contingency situations.

- Business Day Management (BDM)

All T2 CLM business day information needed to interact with Pontes will be processed according to T2 CLM requirements and specifications, including the T2 calendar and T2 business day, e.g., for the General Ledger process, Pontes will stop liquidity transfers, send General Ledger files to CLM, etc whenever T2 asks for it[23].

- Data warehouse (DWH)

T2 DWH will include 1) all transactions settled in CLM accounts with a leg in a Pontes account, 2) all balances of all Pontes DCWs and CB Wallets received from general ledger files (like for TIPS and T2S) and 3) Pontes reference data and other relevant associated data objects.

Any DWH reference data update should also be reflected in the list of DWH data objects used for the creation of user-defined reports and the files delivered by the interface between the DWH and the TARGET Analytical Environment (AE), Market Operations Database (MOPDB) and Liquidity Management (LM) applications.

The DWH shall be enabled to receive and store Pontes billing data and allow their retrieval through queries and reports.

More details are provided in the BILL section.

For what relates the AE, the expected data changes on T2 side resulting from the creation of the Pontes service are of two main types:

1. Availability of additional records in the existing reference and transactional data tables provided from the DWH to the AE. These include for example those tables containing the list of services, service party types, cash accounts, floor and ceiling rules, authorised account users, groups and aggregations, calendars, CLM configurations, inbound and outbound messages, and cash transfers[24]. It shall be ensured that the existing queries to extract and send the data files from the DWH to the AE on a daily basis are properly amended to include these additional records. The related documentation (i.e., the DWH-AE interface file specifications) shall also be updated accordingly.
2. Update of the T2 Statistical Classification Framework implemented in the DWH and available in the Cash Transfer CLM-RTGS Classification satellite table sent to the AE, in order to properly classify all Pontes related transfers[25]. In particular, the Framework and consequently the T2 mapping rules developed by the 4CB should be updated to ensure that the CLASS field is properly populated to account for all Pontes liquidity transfers:
    - C.10.60 CLM LT Pontes
    - R.20.60 RTGS LT Pontes

   The update of the T2 Statistical Classification Framework should result in relevant changes on the affected DWH reports[26].

Moreover, the end-of-day transfers related to cross-CB turnover stemming from Pontes shall be properly classified as "C.13" in the Statistical Classification Framework of the DWH and provided to the AE as part of the cash transfers table, in line with the cross-CB turnover of the other TARGET Services. For the filters LIQ_TRF_TYPE, LIQ_TRF_DIRECTION, SETTL_WINDOW, INIT_TYPE, RETURN_TRAN, CONT_PAYM, COMP_SYS_PAYM, INTRA_GRP_TRAN, and CORRES_BANK, which are global and thus shall also be applicable to the Pontes related transfers, it shall be assessed whether any changes shall be implemented to amend the possible list of values and the mapping rules accordingly.

- BILL

LTs from CLM to Pontes will not incur charges in line with the principle that LTs from CLM are not charged.

[23] The business day schedule will follow the TIPS model.

[24] As a practical example, new cash account types for Pontes DCWs and the CLM dedicated transit account for Pontes should be added in the cash account tables. It should be noted that the 4CB detailed assessment and the solution development might identify/require further affected data records other than those listed as examples in the main text.

[25] These are the changes identified on the classification of TARGET services transactions with the current assumptions, however the 4CB detailed assessment and the solution development might identify/require further updates on the classification.

[26] For example, the DWH TRN10 report should consider in T2 CLM volumes and values, also cross-party LTs from T2 CLM to Pontes DCWs.

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On its side, Pontes will leverage the Billing component[27]. The relevant changes including the related processes, and the list of billable items will be addressed in a separate CR to be raised by the Pontes project. This CR shall also define the interface between Pontes and BILL to enable BILL to receive Pontes data relevant for billing processes.

The current CR shall, however, enable data flow from BILL to DWH component for the storage and retrieval of Pontes billing data via query and reports.

- LEA

LEA shall include all Liquidity Transfers messages: camt.050 and camt.025 settled in T2 with a leg in a Pontes, regardless of whether they sent via ESMIG, API gateway or via the 4CB internal communication layer.

As tokenised settlement in DLT will be in the DLT ledger, the working assumption is that DLT ledger will include balances and not the original transactions.

This is in line with what it is done for TIPS/CLM/RTGS legal archiving. CLM UDFS extract: "All external communication is provided by ESMIG to LEA. In addition, the following internal message exchanges are provided by CLM (via DWH) for Legal Archiving:"

Operational tools

The change shall provide the T2 operational team with all the tools needed to manage Pontes-related operations to Pontes, similar to the ones currently provided for TIPS and T2S operations (e.g. upload of GLFs, etc).

Submitted annexes / related documents:

Proposed wording for the Change request:

see L2-CR for URD

The specific wording will be available 10 weeks following the approval of the CR. The corresponding screenshots can only be provided once the changes are implemented in the 4CB internal test environments.

CLM UDFS

The following adjustments of the CLM UDFS are necessary.
Introduction:

- Pontes needs to be mentioned along with RTGS, DESP, TIPS and T2S

Chapter 1 Overview in CLM

- Enhance this chapter to mention Pontes/Pontes DCW along with the other services and account types
- Enhancement of "Table 1 – Combination of settlement services" to consider Pontes

Chapter 3.2.1 Account Types

- Subsection "CLM dedicated transit account":
  - Pontes as various settlement service needs to be added
  - A CLM dedicated transit account for Pontes needs to be considered

Chapter 3.2.3 Functionalities

- Subsection "Co-Management":
  - Pontes needs to be added as settlement service in case the co-manager is querying MR information of the co-managee

Chapter 3.3 Static data configuration for minimum reserve management and interest calculation (EUR only)

- Pontes needs to be added as settlement service (on 2 places)
- Pontes DCW and Pontes CB wallets need to be considered to be remunerated as well

Chapter 3.4 Types of groups

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[27] The MIB already endorsed the pricing policy for Pontes enhanced product at its call on 5 December 2025. Please find an extract with details from the QRG1 - Project Charter for Pontes.docx, (Chapter 6.2): " **Pricing policy for Pontes enhanced product** - The Pontes enhanced product phase will adopt a mixed pricing scheme, combining fixed and variable fees aligning with the pricing approach used in other TARGET Services to ensure consistency. Similar to the T2 pricing scheme for Ancillary Systems, a separate pricing model for DLT platforms will be proposed. The recovery period for all Pontes costs (including potential carry-over from the Pontes Pilot phase) requires further investigation, taking into account the nascent nature of the underlying market, the innovative character of the project as well as the assessment of the applicability of the public good factor. The pricing policy for the Pontes Pilot and Pontes enhanced product will be defined during the investigation phase".

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- Subsection “Banking Group”
  - Pontes as settlement service needs to be added
  - Enhancement of “Figure 7 – Banking Group” to consider Pontes as well
- Subsection “Account Monitoring Group”
  - Pontes DCWs need to be considered as well
  - Pontes needs to be considered as settlement service
  - Enhancement of “Figure 8 – Account Monitoring Group”

Chapter 5.4.2.1 Overview
- Pontes DCWs and Pontes CB wallets need to be considered as additional account types
- Enhancement “Figure 25 – Immediate liquidity transfer combinations from CLM service perspective” to include Pontes DCWs and Pontes CB wallets as possible push liquidity transfer accounts (A2A and U2A) and pull liquidity transfer accounts (only U2A)
- Update “Table 36 – Liquidity transfers order directions” to include Pontes

Chapter 5.4.2.3.1 Immediate inter-service liquidity transfer from a CLM (CB) Account to a dedicated account in a different settlement service
- Pontes DCWs and Pontes CB wallets need to be considered as further dedicated accounts

Chapter 5.4.2.3.3 Immediate inter-service liquidity transfer between two dedicated accounts in different settlement services
- Pontes DCWs and Pontes CB wallets need to be considered as further dedicated accounts

Chapter 5.5.1 Overview
- Subsection “Direct holding of minimum reserves”:
  - Pontes DCWs need to be considered as reserve accounts as well
- Subsection: Holding of minimum reserves in a pool of reserve accounts
  - For phrase ‘cash accounts’ it needs to be added ‘Pontes’ in brackets (on 2 places)

Chapter 5.5.2 Collection of EoD balances
- Pontes DCWs of Pontes need to be considered as additional relevant cash accounts

Chapter 5.6.3.1 Overview
- Pontes DCWs need to be considered for the calculated aggregated balance as well
- Pontes needs to be considered in brackets related to phrase ‘other settlement services’

Chapter 6.4.2 Genreal features of Legal Archiving
- Enhancement of enumeration regarding the internal message exchanges to consider camt.050/camt.025 in case sent from Pontes to CLM as well

Chapter 8.5.1 Collection of general ledger data and sending to CBs by CLM
- Pontes needs to be considered in brackets related to phrase ‘data from other settlement services other than CLM’

Chapter 8.5.2 Content of TARGET Services general ledgers
- Enhancement of “Table 54 – List of account types in the respective settlement service-specific general ledger” to consider Pontes as settlement service and Pontes DCWs and Pontes CB account as account types

12.2.1.1 Overview and scope of the message

…

Depending on the query use, the GetAccount message contains the optional search criteria which will be used to select the response information, based on the following elements:
- CLM cash account number for available liquidity query use;
- RTGS, CLM, TIPS, T2S or DESP cash account number or Pontes wallet number for minimum reserve fulfilment query use;
- CLM account owner BIC for all query uses;

Leading CLM account holder BIC (Account servicer) for minimum reserve fulfilment query use (CB only) or minimum reserve requirement query use (CB only).

12.2.1.3 The message in business context

…	…
Account Query Definition – Search Criteria	

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Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCrit/AcctId/EQ/Othr/Id	1) "Available liquidity CLM query": Account number of CLM cash account. - MCA - CLM CB Account - Overnight deposit account - Marginal lending account 2) "Minimum reserve fulfilment query": Account number of - CLM MCA - RTGS DCA - TIPS account - T2S DCA - DESP DCA - Pontes DCW 3) "Minimum reserve requirement query": Not allowed
…	…

Table 116 - GetAccount (camt.003)

12.2.2.3 The message in business context

…	…
Account Type Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp/Cd	**CLM Push notification-Use:** 1) “Floor/ceiling notification”: Not used. 2) “Spillover notification”: always CACC - CLM MCA **CLM Query response-Use:** 1) "Query response for available liquidity CLM query": - CACC - CLM cash account except marginal lending account or overnight deposit account - MGLD - Marginal lending account - ONDP - Overnight deposit account 2) "Query response for minimum reserve fulfilment query": - <Tp> is only provided if a cash account number is provided in <AcctId> (i.e. information on account level). Not used for fixed terms in <AcctId> (i.e. information on leader or party level). - CACC - CLM MCA - SACC - RTGS DCA

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	- OTHR - TIPS account - CASH - T2S DCA - CPAC – DESP DCA - VACC – Pontes DCW 3) "Query response for minimum reserve requirement query": Not used.
…	…

Table 121 - ReturnAccount (camt.004)

13.1.2.1 Overview and scope of the message

…
Both the snapshot of all DKK balances and the general ledger BankToCustomerStatement message provides information for cash management and/or the reconciliation of information for posted/settled entries only. CLM will collect balance snapshots and general ledger information from the settlement services (RTGS, CLM, TIPS, T2S, DESP, Pontes) and distribute one balance snapshot and one general ledger BankToCustomerStatement message per settlement service and currency.
…

13.1.2.3 The message in business context

…	…
Statement	
Identification Document/BkToCstmrStmt/Stmt/ID	Identification of the settlement service for which the general ledger is produced. Possible values are: - CLM - RTGS - T2S - TIPS - DESP - Pontes
…	…
Transaction Summary In the case of message pagination this information is only provided in the first camt.053 and contains all entries for the reported settlement service.	
…	…

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Total Entries Per Bank Transaction Code /Document/BkToCstmrStmt/Stmt/TxsSummry/TtlNtriesPerBkTxCd	Only used for T2S and Pontes balances to report the blocked credit and debit amount as well as the unblocked credit and debit amount.

Table 221 - BankToCustomerStatement (camt.053) – general ledger

RTGS UDFS

The following adjustments of the RTGS UDFS are necessary.

Chapter 1 Overview of RTGS

- Enhance this chapter to mention Pontes along with CLM, TIPS and T2S
- Enhancement of "Table 1 – Combination of settlement services" to consider Pontes

Chapter 5.4.1 Overview

- Subsection "Account types for ancillary systems":
  - Enhancement of "Figure 29 - Generic account constellation for an AS settlement bank" to consider Pontes DCW as additional possible account type
  - Adjustment of description below the table to consider Pontes DCW as additional account type

Chapter 5.5.2.1 Overview

- Pontes DCWs and Pontes CB wallets need to be considered as additional account types
- Enhancement "Figure 37 – Immediate liquidity transfer combinations from RTGS service perspective" to include Pontes DCWs and Pontes CB wallets as possible push liquidity transfer accounts
- Update "Table 66 – Liquidity transfers order directions" to include Pontes

Chapter 5.5.2.3.3 Immediate inter-service liquidity transfer from an RTGS account to a T2S DCA, a T2S CB Account or a TIPS Account

- Adjustment of the header to include Pontes as well
- Pontes DCWs and Pontes CB wallets need to be considered as further dedicated accounts
- A note should be added that an inter-service LT is not possible from an RTGS sub-account to a Pontes DCW or Pontes CB wallet
- Pontes needs to co considered in existing note below figure 41

Chapter 5.5.2.3.4 Immediate inter-service liquidity transfer from a T2S DCA, a T2S CB Account or a TIPS Account to an RTGS account

- Adjustment of the header to include Pontes as well
- Pontes DCWs and Pontes CB wallets need to be considered as further dedicated accounts
- A note should be added that an inter-service LT is not possible from a Pontes DCW or Pontes CB wallet to an RTGS sub-account
- Pontes needs to be added in existing note below figure 42Subsection "Used messages":
  - Pontes DCW and Pontes CB Wallets need to be considered in addition to the already mentioned account types

CLM UHB

1 Introduction

It needs to be added that CLM is the central component for funding Pontes.

4.2.3.1 Notification Area

Subsection Response Notification Box: Pontes needs to be mentioned in case of error notification.

5.1.1 Cash Transfers – Query Screen

'CLM Dedicated Transit Account For Pontes', 'Pontes Transit Account', 'Pontes CB Wallet' and 'Pontes DCW' need to be mentioned as new account types.

5.1.2 Cash Transfers – List Screen

The new context menus 'Reverse Booking Pontes' and 'Simulate Positive Receipt Pontes' need to be added.

5.1.10 (new chapter to be added after chapter 5.1.9 Cash Transfers – Manual Reversal Booking DESP – Pop-up)

A new chapter needs to be added for 'Cash Transfers – Manual Reversal Booking Pontes – Pop-up'.

+ new screenshot

5.1.14 Messages – Query Screen

The new value 'Pontes' needs to be added for field 'Message Origin/Destination'.

5.1.15 Messages – List Screen

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The new context menu ‘Simulate Receipt Pontes’ needs to be added.

5.1.21 (new chapter to be added after chapter 5.1.20 Messages – Simulate Receipt DESP – Pop-up)
A new chapter needs to be added for ‘Messages – Simulate Receipt Pontes – Pop-up’.
+ new screenshot

5.2.1 Dashboard Liquidity Overview – Query Screen
The new fields ‘Pontes DCWs’ and ‘Pontes CB Wallets’ needs to be added.
+ screenshot update

5.2.2 Dashboard Liquidity Overview Account Selection Grouped by Countries – Display Screen
The new section ‘Dashboard Liquidity Overview Account Selection Grouped By Countries – Display Screen – Results- (Country Code) – Liquidity Information Pontes’ including current balances on Pontes DCWs and Pontes CB Wallets need to be added.
+ screenshot update
For the description of the rows ‘Liquidity in (Country Code)’, ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’.

5.2.3 Dashboard Liquidity Overview Account Selection Grouped by Parties – Display Screen
The new section ‘Dashboard Liquidity Overview Account Selection Grouped By Parties – Display Screen – Results- Liquidity Information Pontes’ including current balances on Pontes DCWs and Pontes CB Wallets need to be added.
+ screenshot update
For the description of the rows ‘Liquidity in (Party)’, ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’.

5.2.4 Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen
The new section ‘Dashboard Liquidity Overview Account Selection Grouped By Services – Display Screen – Results- Liquidity Information Pontes’ including current balances on Pontes DCWs and Pontes CB Wallets need to be added.
+ screenshot update
The new row ‘Liquidity in Pontes’ needs to be added in section ‘Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen – Results – Aggregated View’.
For the description of the rows ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’.

5.2.5 Dashboard Liquidity Overview Account Selection List View – Display Screen
For the columns ‘Service’, ‘Projected Liquidity Overall’, ‘Liquidity Overall’ it needs to be added ‘Pontes’. Moreover, ‘Pontes Balance’ needs to be added in the column description ‘Liquidity Overall’. A new row ‘Pontes Balance’ containing the content description needs to be added.
+ screenshot update

5.2.6 Dashboard Liquidity Overview AMG Selection Grouped by Countries – Display Screen
The new section ‘Dashboard Liquidity Overview AMG Selection Grouped By Countries – Display Screen – Results- (Country Code) - Liquidity Information Pontes’ including current balances on Pontes DCWs need to be added.
+ screenshot update
For the description of the rows ‘Liquidity in (Country)’, ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’.

5.2.7 Dashboard Liquidity Overview AMG Selection Grouped by Parties – Display Screen
The new section ‘Dashboard Liquidity Overview AMG Selection Grouped By Parties – Display Screen – Results- (Party BIC) - Liquidity Information Pontes’ including current balances on Pontes DCWs need to be added.
+ screenshot update
For the description of the rows ‘Liquidity in (Party BIC)’, ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’.

5.2.8 Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen
The new section ‘Dashboard Liquidity Overview AMG Selection Grouped By Services – Display Screen – Results- Liquidity Information Pontes’ including current balances on Pontes DCWs need to be added.
+ screenshot update
The new row ‘Liquidity in Pontes’ needs to be added in section ‘Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen – Results – Aggregated View’.
For the description of the rows, ‘Liquidity Overall’ and ‘Current Liquidity Overall’ it needs to be added ‘Pontes’. A new row for ‘Liquidity in Pontes’ must be added.

5.2.9 Dashboard Liquidity Overview AMG Selection List View – Display Screen
For the columns ‘Service’, ‘Projected Liquidity Overall’ and ‘Liquidity Overall’ it needs to be added ‘Pontes’.
A new column ‘Pontes DCW Balance’ needs to be added.
+ screenshot update

5.2.10 Available Liquidity on Banking Group Level – List Screen

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For the columns ‘Projected Liquidity Overall’, ‘Liquidity Overall’ it needs to be added Pontes.
The new column ‘Pontes Balances’ considering balances of Pontes DCWs needs to be added.
+ screenshot update

5.2.11 Detailed Available Liquidity on Banking Group Level – List Screen
For the columns ‘Projected Liquidity Overall’, ‘Liquidity Overall’ it needs to be added Pontes.
The new column ‘Pontes Balances’ needs to be added.
+ screenshot update

5.5.2 Minimum Reserve (Direct) – List Screen
‘Pontes’ needs to be added in the description of the field ‘Current Balance’.
A new column ‘Pontes Blocked Cash Balance’ must be introduced and description of field ‘EoD Balance Subject to Minimum Reserve Calculation’ must consider ‘Pontes Blocked Cash Balance’.
+ screenshot update

5.5.4 Minimum Reserve (Pool) – List Screen
‘Pontes’ needs to be added in the description of the field ‘Total Current Balance’.
The new column ‘Balances of Pontes DCWs’ needs to be added.
A new column ‘Total Pontes Blocked Cash Balance’ must be added and ‘Total EoD Balance Subject to Minimum Reserve Calculation’ must consider ‘Total Pontes Blocked Cash Balance’.
+ screenshot update

5.5.5 Minimum Reserve (Pool of Account Party Level) – List Screen
‘Pontes’ needs to be added in the description of the field ‘Current Balance’.
A new column ‘Pontes Blocked Cash Balance’ must be introduced and ‘EoD Balance Subject to Minimum Reserve Calculation’ must consider ‘Pontes Blocked Cash Balance’.
+ screenshot update

5.6.3 Cash Account Reference Data – Query Screen
The values ‘CLM Dedicated Transit Account for Pontes’, ‘Pontes DCW’, Pontes CB Wallet’ and ‘Pontes Transit Account’ need to be added.

5.6.4 Cash Account Reference Data – List Screen
It needs to be added for the column ‘Blocking Status’ that for ‘Pontes’ this field is shown as empty.
For the description below table 221 ‘Pontes Transit Account’, ‘Pontes CB Wallet’, ‘Pontes DCW’ need to be added.
+ screenshot update

5.7.4 Task Queue – Details Screen
For the descriptions of the task types in ‘Overview Task’ section ‘Manual Reversal Booking’ the link for the Manual Reversal Booking Popup Pontes needs to be added.
For the descriptions of the task types in ‘Overview Task’ section ‘Simulate Negative Receipt Pull LT’ the link for the Simulate Receipt Pontes Popup needs to be added.
For the descriptions of the task types in ‘Overview Task’ section ‘Simulate Positive Receipt Pull LT’ the link for the Simulate Receipt Pontes Popup needs to be added.

For the descriptions of the task types in ‘’Edit’ Button Pop-up’ section ‘Manual Reversal Booking’, Simulate Negative Receipt Pull LT’ and ‘Simulate Positive Receipt Pull LT’ the links for Pontes need to be added.
For the descriptions of the task types in ‘Edit’ Button Pop-up’ section ‘Simulate Negative Receipt Pull LT’ the link for the Simulate Receipt Pontes Popup needs to be added.
For the descriptions of the task types in ‘Edit’ Button Pop-up’ section ‘Simulate Positive Receipt Pull LT’ the link for the Simulate Receipt Pontes Popup needs to be added.

5.7.11 General System Parameter – List Screen
In the subsection ‘Field Descriptions’ for the field ‘System Parameter’ it needs to be added ‘Pontes Simulator Active Flag’.
Moreover, it needs to be added that this simulator is only available for testing environments (within the given note).
+ screenshot update

5.8.1 Liquidity on CB Level – Display Screen
In the section ‘Context of Usage’ it needs to be added ‘Pontes DCWs’, ‘Pontes CB Wallets’ and ‘Pontes’.
In the field descriptions the new section ‘Liquidity Information Pontes’ must be added.
It needs to be added ‘Pontes’ in the descriptions of the rows ‘Liquidity Overall’ and ‘Current Balances Overall’.
+ screenshot update

5.8.7 Available Liquidity by Party – Query Screen
The value ‘Pontes Balances’ needs to be added for field ‘Sort By’.

5.8.8 Available Liquidity by Party – List Screen

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‘Pontes’ needs to be added in the upper part of section ‘Context of Usage’, ‘CLM Dedicated Transit Account for Pontes’ and ‘Pontes Transit Account’ in the lower part as these accounts are not to be considered in the result list of the screen.
For the columns ‘Projected Liquidity Overall’, ‘Liquidity Overall’ and ‘Sum of Current Balances’ it needs to be added ‘Pontes’ regarding the error notification due to a failed liquidity information query.
The new column ‘Pontes Balances’ considering Pontes DCW and Pontes CB Wallet balances needs to be added.
+ screenshot update

5.8.9 Available Liquidity by Account – List Screen
In the section ‘Context of Usage’ it needs to be added ‘CLM Dedicated Transit Account for Pontes’ and ‘Pontes Transit Account’ as these accounts are not to be considered in the result list of the screen.
‘Pontes’ needs to be added in the description of column ‘Projected Liquidity’ and ‘Liquidity Overall’.
The new column ‘Pontes Balance’ considering Pontes DCWs and Pontes CB Wallets needs to be added.
+ screenshot update

5.8.16 Minimum Reserve Information per Account Holder – List Screen
‘Pontes’ needs to be added in the description of the column ‘Current Balance’.

6.1.6 Manual reverse booking
In the section ‘Context of Usage’ it needs to be added ‘Pontes’ multiple times.
In the section ‘References’ a pop-up for Pontes needs to be added.
In the section ‘Instructions’ it needs to be added ‘Pontes’ multiple times.

6.1.10 Simulate receipt
In the section ‘Context of Usage’ it needs to be added ‘Pontes’.
In the section ‘References’ a pop-up for Pontes needs to be added.
In the section ‘Instructions’ it needs to be added ‘Pontes’ multiple times.

6.1.11 Simulate a positive receipt
In the section ‘Context of Usage’ it needs to be added ‘Pontes’.
In the section ‘Instructions’ it needs to be added ‘Pontes’.

6.1.16 Repeat sending
In the section ‘Context of Usage’ it needs to be added ‘Pontes’.

6.5.1 Display minimum reserve requirement and fulfilments per MFI
In the section ‘Context of Usage’ it needs to be added ‘Pontes DCW’. The requirements must be extended with the display of the Pontes blocked cash balances.

6.5.3 Display aggregated MFI liquidity
The requirements must be extended with the display of the Pontes blocked cash balances.

6.8.3 Available liquidity on party level
In the section ‘Context of Usage’ it needs to be added ‘CLM Dedicated Transit Account for Pontes’ and ‘Pontes Transit Account’ as these accounts are not to be considered in the result list of the screen.

6.8.4 Available liquidity per account holder
In the section ‘Context of Usage’ it needs to be added ‘CLM Dedicated Transit Account for Pontes’ and ‘Pontes Transit Account’ as these accounts are not to be considered in the result list of the screen.

6.8.7 Display aggregated liquidity
In the section ‘Instructions’ it needs to be added ‘Pontes’.

7.1.26 Cash Transfers – List Screen
For errors ‘E018’, ‘E074’, ‘U039’, ‘U040’, ‘U041’, ‘U044’, ‘U091’, ‘U093’, ‘U109’ it needs to be added for ‘Field or button’ the context menu entry ‘Simulate Positive Receipt Pontes’.

7.1.32 (new chapter to be added after chapter 7.1.31 Cash Transfers – Manual Reversal Booking DESP – Pop-up)
A new chapter needs to be added for ‘Cash Transfers – Manual Reversal Booking Pontes – Pop-up’ containing the error codes E018, E074, U039, U040, U041, U044, U091, U093 and U109.

7.1.55 Liquidity Transfer – New Screen
For error ‘U021’, ‘it needs to be added for ‘Description’ the values ‘Pontes DCW’ and ‘Pontes CB Wallet’.
For errors ‘U024’ and ‘U025’ ‘it needs to be added for ‘Description’ the value ‘CLM dedicated transit account for Pontes’.
For error ‘U027’, ‘it needs to be added for ‘Description’ the values ‘Pontes DCW’ and ‘Pontes CB Wallet’.

7.1.63 (new chapter to be added after chapter 7.1.61 Messages – Simulate Receipt DESP – Pop-up)

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A new chapter needs to be added for ‘Messages – Simulate Receipt Pontes – Pop-up’ containing the error codes E018, E074, U039, U040, U041, U044, U091, U093, U094, U095, U096 and U109.

RTGS UHB

4.2.3.1 Notification Area
Pontes needs to be added in the description of the Response Notification Box as this is a generic part of the CLM and RTGS UHB.
5.1.1 Cash Transfers – Query Screen
‘Pontes CB Wallet’ and ‘Pontes DCW’ need to be mentioned as new account types.

5.1.2 Cash Transfers- List Screen
The new context menus ‘Reverse Booking Pontes’ and ‘Simulate Positive Receipt Pontes’ need to be added.

5.1.10 (new chapter to be added after chapter 5.1.9 Cash Transfers – Manual Reversal Booking CLM – Pop-up)
A new chapter needs to be added for ‘Cash Transfers – Manual Reversal Booking Pontes – Pop-up’.
+ screenshot

5.5.6 Cash Account Reference Data – Query Screen
The values ‘CLM Dedicated Transit Account for Pontes’, Pontes DCW’ and ‘Pontes Transit Account’ need to be added.

5.5.7 Cash Account Reference Data – List Screen
It needs to be added for the column ‘Blocking Status’ of table 379 that for ‘Pontes’ this field is shown as empty.

5.6.3 Task Queue – Details Screen
For the descriptions of the task types in ‘Overview Task’ section ‘Manual Reversal Booking’ the link for the Manual Reversal Booking Pontes Popup needs to be added.
For the descriptions of the task types in ‘’Edit’ Button Pop-up’ section ‘Manual Reversal Booking’ the link for the Manual Reversal Booking Pontes Popup needs to be added.

6.1.6 Manual reverse booking
In the section ‘Context of Usage’ it needs to be added ‘Pontes’ and the respective Pontes account types multiple times.
In the section ‘References’ a pop-up for Pontes needs to be linked.
In the section ‘Instructions’ it needs to be added ‘Pontes’ multiple times.

6.1.11 Simulate a positive receipt
In the section ‘Context of Usage’ it needs to be added ‘Pontes’.
In the section ‘Instructions’ it needs to be added ‘Pontes’.

7.1.34 Cash Transfers – List Screen
For errors ‘E018’, ‘E074’, ‘U039’, ‘U040’, ‘U041’, ‘U044’, ‘U091’, ‘U093’, ‘U109’ it needs to be added for ‘Field or button’ the context menu entry ‘Simulate Positive Receipt Pontes’.

7.1.39 (new chapter to be added after chapter 7.1.38 Cash Transfers – Manual Reversal Booking TIPS – Pop-up)
A new chapter needs to be added for ‘Cash Transfers – Manual Reversal Booking Pontes – Pop-up’ containing the error codes E018, E074, U039, U040, U041, U044, U091, U093 and U109.

7.1.56 Liquidity Transfer – New Screen
For error ‘U027’, ‘it needs to be added for ‘Description’ the values ‘Pontes DCW’ and ‘Pontes CB Wallet’.

CRDM UDFS

The following adjustments of the CRDM UDFS are necessary.

- Pontes group for management of authorisation for Market DLT operators needs to be mentioned

Reader’s guide
[…]

***TABLE 1* – UDFS SECTIONS CONTAINING SERVICE-SPECIFIC INFORMATION**

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SECTION	RELEVANT SERVICE/COMPONENT	NOTES
1.2.2.1.2 Privilege	T2S, TIPS, CLM, RTGS, ECONS2, ECMS, PONTES	When indicated in the table header, the tables contain privileges relevant exclusively for each Service/component.
1.2.2.2.2 Configuration of privileges	T2S, TIPS, CLM, RTGS, ECONS2, ECMS, PONTES	Clarification about granting privileges in each Service/component.
1.2.3.2 Message subscription parameter types	T2S, TIPS, CLM, RTGS, PONTES	Message types that can be subscribed to in each Service/component, with related configuration parameters.
1.3.2.3 Description of the entities (Party)	T2S, TIPS, CLM, RTGS, ECONS2, DESP, PONTES	Reference data model section listing Service Party Types applicable to each Service/component.
1.3.3.3 Description of the entities (Cash Account)	T2S, TIPS, CLM, RTGS, ECONS2, DESP, PONTES	Reference data model section listing Cash Account Types applicable to each Service/component.
1.4.3.8 Common reference data propagation	T2S, TIPS, CLM, RTGS, ECONS2, ECMS, DESP, PONTES	Description of the data propagation process with relevant reference data objects for each Service/component.
1.4.4 TIPS Directory	TIPS	Section only relevant for TIPS.
1.4.5 RTGS Directory	RTGS	Section only relevant for RTGS.
1.4.6 CLM Repository	CLM	Section only relevant for CLM.
1.4.7 PONTES Directory	PONTES	Section only relevant for PONTES.
1.5.3 TIPS~~ARGET Instant Payment Settlement~~, DESP~~igital Euro Service Platform~~, ~~and~~ T2 and PONTES	TIPS, CLM, RTGS, DESP, PONTES	Interaction between CRDM and other Services/component that receive reference data propagation.
1.5.4 Eurosystem Collateral Management System	ECMS	Interaction between CRDM and ECMS for the data propagation process.
1.5.5 ECONS2	ECONS2	Interaction between CRDM and ECONS2 for the data propagation process.
5.1 Business Rules	T2S, TIPS, CLM, RTGS, ECONS2, DESP, PONTES	Business rules listed for each Service/component.

1.2.2.1.2 Privilege

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A privilege identifies the capability of triggering one or several user functions and it is the basic element to assign access rights to users. This means that a user U_X owns the access right to trigger a given user function F_Y if and only if U_X was previously granted with the privilege P_Y identifying the capability to trigger F_Y.

Privileges are classified into system privileges and object privileges. A system privilege refers to a user function that does not apply to a specific static or dynamic data object (e.g. a query on the current phase of the settlement day). An object privilege refers to a user function that applies to a specific static or dynamic data object (e.g. a T2S user function to display the reference data of a securities account).

The following tables provide the exhaustive list of privileges covering all the user functions available:

- Access rights management
- Party data management
- Securities data management
- Securities Account data management
- Cash Account data management
- Network configuration
- Message subscription
- Report configuration
- Reference data queries
- PONTES functions
- TIPS functions
- CLM functions
- RTGS functions
- T2S settlement instruction management
- T2S cash management
- T2S dynamic data queries
- Billing
- Billing configuration
- Data Warehouse functions
- ECONSII functions
- Business Day Management Queries
- Report queries
- Message management
- Other

[…]

***TABLE 2 –* PONTES FUNCTIONS**

These privileges are related to user functions within PONTES. As such, they are only used for PONTES-specific business.

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PRIVILEGE	USER FUNCTION	PRIVILEGE TYPE	OBJECT TYPE	DEFAULT DATA SCOPE
Adjust CMB Limit	Adjust CMB Limit	System	n/a	Data within own System Entity (for Central Bank) or linked to own Party (for Payment Bank)
Instruct Payment	Initiate Payment	System	n/a	Data related to Accounts within own System Entity (for Central Bank) or for which own Party is set as authorised user (for Payment Bank)
Instruct Liquidity Transfer	Initiate Outbound Liquidity Transfer	System	n/a	Accounts within own System Entity (for Central Bank) or owned by own Party (for Payment Bank)
Modify Blocking Status	Block/unblock Participant Block/unblock Account Block/unblock CMB	System	n/a	Data within own System Entity (for Central Bank) or linked to own Party (for Payment Bank)
Query Account	Query Account Balance and Status Query CMB Limit and Status Query Payment Transaction	System	n/a	Data related to Accounts within own System Entity (for Central Bank) or owned by own Party (for Payment Bank)

1.2.2.2.2 Configuration of privileges

Availability of privileges

[…]

While the features described above apply to all privileges related to CRDM functions, it should be noted that privileges related to TIPS, PONTES, CLM and RTGS functions cannot be granted directly to Parties or Users, but can only be granted to Roles, which can in turn be granted to Parties and Users. This implies that the above described configuration steps remain valid for TIPS, PONTES, CLM and RTGS as well, but in this case Privileges have to be granted to Roles in the first place and then Roles can be granted to Parties and Users. For details on the configuration of Roles see section 1.2.2.2.3Configuration of roles.

Granting system privileges

Most system privileges can be granted to roles, users and parties, whereas CLM, RTGS, ~~and~~ TIPS and PONTES privileges can be granted to roles only. When granting a privilege, the grantor specifies appropriate values for the three following assignment options: Deny option, Administration option and Four-Eyes option.

1.2.2.4 Access rights configuration process

[…]

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As stated in section 1.2.2.2.2Configuration of privileges, the above process is not directly applicable for CLM, RTGS, TIPS and PONTES Privileges; in this case Privileges have to be granted to Roles in the first place and then Roles can be granted to Parties and Users. For details on the configuration of Roles see section 1.2.2.2.3Configuration of roles.

1.2.2.4.1 Configuration of access rights at party level

[…]

A party administrator of each CSD assigns the relevant set of roles and privileges to all its CSD participants, whereas a party administrator of each Central Bank assigns the relevant set of roles[28] and privileges to all its payment banks.

1.2.2.4.2 Configuration of access rights at user level

[…]

The above diagram shows that the party administrator(s) can set up the appropriate access rights configuration for the users of the same party:

- by possibly creating and maintaining[29] additional roles, besides the ones previously granted at party level[30]
- by granting (and revoking) the (default and additional) roles and the (default) privileges to the users of the same party.

[28] For T2 ~~and~~ TIPS, and PONTES privileges, new Roles can only be created and maintained by the CRDM Operator and Central Bank parties. Payment Banks and Ancillary Systems can only grant/revoke Roles that have previously been granted to them by their Central Banks. For other types of privileges, CBs and CSDs can create their own Roles.

29 For ~~and~~ TIPS, and PONTES, new Roles can only be created and maintained by the CRDM Operator and Central Bank parties. Payment Banks and Ancillary Systems can only grant/revoke Roles that have previously been granted to them by their Central Banks. For other types of privileges, CBs and CSDs can create their own Roles.

30 These additional roles can only be granted with available privileges, i.e. privileges previously granted at party level.

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1.3.2.1 Description of the component

[…]

1. Party

ATTRIBUTE	DESCRIPTION
[…]	
Party Type	It specified a classification for the party. The exhaustive list of possible values is as follows: - Operator - Payment Bank - Central Bank - Ancillary System - CSD - CSD Participant - External CSD - Market DLT Operator
[…]	

8. Party Service Link

Each Party-Service Link identifies a link (with a service-specific participation type) between a single Party and a single Service; multiple links can be defined in order to allow the same Party to access different Services, the same Service to be accessed by different Parties and, in certain cases, the same Party to access the same Service with different participation types.

ATTRIBUTE	DESCRIPTION
Service Party Type	Service-specific classification for the Party. Certain values may be used only in conjunction with specific Services and specific Party Types defined at Party level. The exhaustive list of possible values for the TIPS Service is as follows: - TIPS Operator - TIPS Central Bank - TIPS Participant - TIPS Reachable Party - TIPS Ancillary System - MPL-Only Participant

	The exhaustive list of possible values for the CLM Service is as follows: l Operator l CLM CB Account Holder l CLM CB Technical Account Holder l CLM Transit Account Holder l CLM Account Holder l Institution managing minimum reserve without account in CLM The exhaustive list of possible values for the RTGS Service is as follows: l Operator l RTGS CB Account Holder l RTGS Transit Account Holder l RTGS Account Holder l Ancillary System The exhaustive list of possible values for the DESP Service is as follows: l DESP Operator l DESP Transit Account Holder l DESP Central Bank l DESP DCA Holder The exhaustive list of possible values for PONTES Service is as follows: l PONTES Operator l PONTES Transit Account holder l PONTES Central Bank l PONTES Participant l PONTES Addressable Entity l
AS Sub-Type	Specifies the type of Ancillary System where appropriate in RTGS. Mandatory and only allowed when the Party is an Ancillary System. The exhaustive list of possible values is as follows:

	I High-Value-Payment-Systems (HVPS) I Retail-Payment-Systems (RPS) I Instant-Payment-Systems (IPS) I Security-Settlement-Systems (SSS) I Foreign-Exchange-Settlement-Systems (FXS) I Money-Market-Settlement-Systems (MMS) I Central-Counter-Parties (CCP) I Other (OTH)
	I
Valid From	Date from which the Party Service Link is valid.
Valid To	Date until which the Party Service Link is valid.

Each Party Service Link is linked to its relevant Party, Service and Party Configuration. Due to the requirements of the TIPS participation model, multiple Payment Banks identified with the same Party Code (i.e. BIC) cannot be linked to the TIPS Service at the same time. The same applies to ECONS2, CLM, RTGS, DESP and PONTES.

1.3.3.3 Description of the entities

1. Cash Account

This entity includes all *Cash Account* reference data. An authorised Central Bank user can create and maintain Cash Accounts for its Parties. An authorised Payment Bank user (corresponding to a TIPS Participant) can create and maintain TIPS Credit Memorandum Balances (CMB) on the TIPS Accounts owned by its Party. Similarly, an authorised TIPS Ancillary System user can create and maintain TIPS Credit Memorandum Balances (CMB) on the TIPS AS Technical Account owned by its Party.

The same logic applies for Pontes, where an authorised Payment Bank user (corresponding to a Pontes Participant) can create and maintain Pontes Credit Memorandum Balances (Pontes CMB) on the Pontes Dedicatd Cash Wallet owned by its Party.

Authorised users can create and maintain Cash Accounts and related Direct Debit Mandates, Standing Order definitions for liquidity transfers, reservations and limits.

ATTRIBUTE	DESCRIPTION
Cash Account Number	It specifies the unique cash account number.
Floor Amount	It specifies the lower threshold for notifying the cash manager or triggering a rule-based liquidity transfer.

Ceiling Amount	It specifies the upper threshold for notifying the cash manager or triggering a rule-based liquidity transfer.

Account Type	It specifies a classification for the cash account. The exhaustive list of possible values for the TIPS Service is as follows: - TIPS Account - TIPS AS Technical Account - TIPS Transit Account [31] - TIPS Credit Memorandum Balance The exhaustive list of possible values for the RTGS Service is as follows: - RTGS DCA - Ancillary System Guarantee Funds Account - RTGS Sub-account - RTGS CB Account - RTGS Dedicated Transit Account - Ancillary System Technical Account The exhaustive list of possible values for the CLM Service is as follows: - Main Cash Account - Overnight Deposit Account - CLM CB Account - CB ECB Account - ECB Mirror Account - CLM Dedicated Transit Account for T2S - CLM Dedicated Transit Account for TIPS - CLM Dedicated Transit Account for RTGS - CLM Dedicated Transit Account for DESP - Marginal Lending Account - CLM Technical Account for ECONSII The exhaustive list of possible values for the ECONS II Service is as follows: - CB Contingency Account - Contingency Cash Account - Contingency Technical Account (for Ancillary Systems) - Contingency Transit Account for TIPS - Contingency Transit Account for DESP The exhaustive list of possible values for T2S is as follows: - T2S Central Bank Account

	- T2S Dedicated Cash Account The exhaustive list of possible values for DESP Service is as follows: - DESP Dedicated Cash Account - DESP Transit Account 32 - DESP Offline Transit Account - DESP Online Transit Account The exhaustive list of possible values for Pontes is as follows: - Pontes Transit Account - Pontes Dedicated Cash Wallet - Pontes CB Wallet - Pontes CMB
Linked Account Type	Specifies whether the cash account is linked to another cash account in CRDM or to an account defined in another RTGS system (for T2S Dedicated Cash Accounts only).
Opening Date	Opening date of the cash account.
Closing Date	Closing date of the cash account.

Each *Cash Account* is linked to its relevant owner *Party* and *Currency*. In addition, it may be linked to one or many *Cash Account Restrictions*[33], *to one External RTGS Account* and one or many *Account Configuration* entities. Certain types of *Cash Account* are additionally linked to other Cash Accounts for different purposes, as described below.

Mandatory links:

- RTGS Sub-Account to its related RTGS DCA
- TIPS Credit Memorandum Balance to its related TIPS Account or TIPS AS Technical Account
- Contingency Cash Account to the related Main Cash Account
- Contingency Technical Account to AS Technical Account
- CB Contingency Account to the related CLM CB Account
- Pontes CMB to the related Pontes DCW

Optional links:

[31] A Transit Account per currency exists in TIPS and it belongs to a Central Bank. The Transit Account for euro belongs to the European Central Bank.

[32] The Transit Account for euro belongs to the European Central Bank.

[33] For each cash account restriction, a period of validity and a restriction type must be specified.

- Overnight Deposit Account to the MCA of the CLM Account Holder allowed to instruct on it
- Marginal Lending Account to the MCA of the CLM Account Holder allowed to instruct on it
- RTGS Dedicated Cash Account to the related MCA for authorisation purposes in ECONSII, connecting the RTGS DCA belonging to an Ancillary System Settlement Bank Account Group to an MCA which in turn will be linked to a Contingency Account
- RTGS Dedicated Cash Account to MCA and vice versa on a 1:1 basis for Automated Liquidity Transfers (using "Associated LT Account" field; see sub-section 7. Account Threshold Configuration).
- Pontes CB Wallet to the related CLM CB Account
- Pontes DCW to the related MCA

Each Cash Account may be linked to one or many BICs defined as "Authorised Account Users" [34]. Each TIPS Credit Memorandum Balance or PONTES Credit Memorandum Balance may be linked to only one "Authorised Account User" [35]

A Cash Account may be linked to one or many monitoring groups as *Settlement Bank Account Group, Liquidity Transfer Group* and *Account Monitoring Group*.

In addition, a Cash Account may be linked to one or many Credit Memorandum Balances and one or may Liquidity Transfer Order Link Sets.

2. Limit

This entity includes all reference data related to *Limits* defined on TIPS Credit Memorandum Balances, RTGS Dedicated Cash Accounts, Pontes Credit Memorandum Balance and Credit Memorandum Balances for T2S. Common Reference Data Management shall allow a Payment Bank (linked to the TIPS, Pontes or RTGS *Service*) to define and maintain limits related to the usage of a TIPS Credit Memorandum Balance, Pontes Credit Memorandum Balance or RTGS Dedicated Cash Account.

[34] For each Authorised Account User related to T2 accounts a period of validity and a participation type must be specified. Available participation types are: Direct, Indirect, Multi Addressee (Branch of Direct Participant or Credit Institution), Addressable BIC (Correspondent or Branch of Direct Participant). For accounts in RTGS, exclusion rules may also be defined to prevent the related BIC(s) from being included in the RTGS directory. For Multi-Addressee and Addressable BIC participation, the BIC(s) may also be specified by using wildcard characters. Optionally, for Authorised Account User related to TIPS Accounts or TIPS CMB, a Maximum IP Amount can be defined as well as a cross-currency flag to accept cross-currency payments.

[35] The maximum amount defined per currency is captured in CRDM into a system parameter. The parameter is used as a default value when configuring the Authorised Account User entity.

Any subsequent update of such a system parameter, requested by the Operator, e.g. stemming from an update of the EPC Rulebook, shall trigger a revalidation of the content of the existing Maximum IP Amount values captured into the Authorised Account User entity. In particular for each User BIC:

- if the 'Maximum IP Amount' value is below the new maximum amount, the Maximum IP Amount will show the new maximum amount;
- if the 'Maximum IP Amount' value is above or equal to the new maximum amount, the value will remain unchanged.

It is worth noting that, for the sake of transparency the Audit Trail data will store and continue showing the values inserted by the customer (even when they are below the current default maximum amount for the given currency).

ATTRIBUTE	DESCRIPTION
Limit Type	It specifies a classification for the limit. The exhaustive list of possible values is as follows: - TIPS CMB Limit - Pontes CMB Limit - External guarantee - Unsecured credit - Auto-collateralisation
Limit Amount	It specifies the value set for the limit amount. If set to zero, the relevant Cash Account cannot be debited. Moreover, it specifies the limit amount for the credit consumer for the relevant T2S Dedicated cash account. If the party has no limit for the relevant T2S Dedicated cash account, it must be set to zero.
Valid From Timestamp	It specifies the date and time from which the limit is valid.

Each *Limit* is linked to its relevant *Cash Account* and may be linked to its relevant *Credit Memorandum Balance*.

1.4 CRDM Features

1.4.1 Concept

The CRDM common component allows duly authorised users to create and maintain reference data objects. CRDM objects specify reference data for the configuration of parties, securities, securities accounts, cash accounts and rules and parameters.

1.4.2 Overview

The CRDM common component is in charge of executing reference data maintenance instructions for the creation or the maintenance of reference data objects.

Duly authorised users belonging to CSDs, Central Banks, CSD participants, external CSDs, payment banks, ancillary systems and to the Operator can trigger Common Reference Data Management business processes according to their own specific access rights, i.e. using the functions and maintaining the common reference data objects they have been granted.

Duly authorised users of the Operator are responsible for system configuration tasks and for the management of common reference data for CSDs and Central Banks. These users can also act on behalf of other CRDM Actors in order to perform some specific actions or within some pre-defined contingency scenarios.

The CRDM common component executes immediately all reference data maintenance instructions. However, when changes to T2S-related objects are involved, this process takes place in slightly different ways during the day-time settlement and the night-time settlement, both in terms of response time and of response messages generated by CRDM. More precisely, the processing of some reference data maintenance instructions submitted to CRDM during a T2S night-time settlement sequence may be provisionally stopped and then resumed after the end of night-time settlement sequence, in order to

impede any possible impact of reference data changes on the ongoing settlement process. In this case, CRDM sends two different responses, an immediate provisional response in order to inform the relevant CRDM Actor that the reference data maintenance instruction has been queued, and a final response after the end of the night-time settlement sequence to report on the final status of the processing (See section 1.4.3.6 Reference data maintenance instructions processing for more information).

For certain TARGET services, the related reference data changes become effective in the relevant TARGET service(s), common component(s) or back-office applications in a deferred way, by means of a daily reference data propagation process. The process takes place every business day and is scheduled in order to ensure a smooth and complete reference data propagation depending on the operational schedule of the relevant Service(s)/components. Specific data changes are propagated with instant effect to certain Services/components. When any such change is carried out in CRDM, it is also propagated instantly to the relevant Service/component which takes into account with immediate effect. This applies to blocking Parties and Cash accounts in CLM, RTGS, PONTES and TIPS as well as modifying CMB Limits in TIPS/PONTES.

All common reference data objects can be created and maintained in U2A mode, whereas only a sub-set of them can be created and maintained also in A2A mode and/or through the DMT (see section 1.4.3.2 Reference data maintenance types). All reference data changes performed in U2A mode can be executed either in Two-Eyes or in Four-Eyes mode. Duly authorised users can specify the applicable mode for the functions and the common reference data objects they manage (see section 1.2.2 Access rights).

Versioning facilities and validity periods allow the implementation of data revision and data history features, in order to keep track of all past data changes, to enter changes meant to become effective as of a future date and to define common reference data objects with limited or unlimited validity.

1.4.3.8 Common reference data propagation

[…]

No data propagation flow exists from TIPS, T2S, ECONS2, DESP, Pontes, CLM and RTGS to CRDM.

[…]

The following table lists the possible CRDM reference data objects and their relevance for each service, as well as the data segregation principles defining which instances will be propagated to which Service.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
Party	Party	X	X	X	X	X	X	X	All data is available in T2S. Parties with a Party Service Link to ECONS2, CLM, RTGS, DESP, PONTES or TIPS are available in that Service.
	Eligible Counterpart CSD link			X					All data is available in T2S.
	Party Service Link								Only relevant for CRDM; defines the availability of Party data for a given Service/component.
	Banking Group	X							All data is available in CLM.
	Billing Group								Only relevant for Billing.
	Ancillary System Bilateral Agreement		X						All data is available in RTGS.
	Ancillary System Procedure		X						All data is available in RTGS.
Securities	Security			X					All data is available in RTGS.
	Close Link			X					All data is available in RTGS.
	Securities Valuation			X					All data is available in RTGS.
	Securities CSD Link			X					All data is available in RTGS.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	Auto-Collateralisation Eligibility Link			X					All data is available in RTGS.
Security Penalty Data	Securities Subject to Cash Penalties			X					All data is available in RTGS.
	Security Penalty Rate			X					All data is available in RTGS.
	Cash Discount Penalty Rate			X					All data is available in RTGS.
	Daily Price			X					All data is available in RTGS.
	SME Growth Market			X					All data is available in RTGS.
	Euro Foreign Exchange Reference Rate			X					All data is available in RTGS.
Cash Account	Cash Account	X	X	X	X	X	X	X	Data is available in different services/components depending on the Cash Account Type attribute; each possible value of this attribute identifies a type of Cash Account used by a single Service/component.
	Authorised Account User	X	X		X	X		X	Data is available in different services/components depending on the Cash Account Type

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
									attribute of the Cash Accounts it refers to.
	External RTGS Account			X					All data is available in RTGS.
	Account Monitoring Group	X	X	X	X		X	X	Data is available in different services/components depending on the Cash Account Type attribute of the Cash Accounts it refers to.
	Liquidity Transfer Order	X	X	X					Data is available in different services/components depending on the Cash Account Type attribute of the Cash Account it refers to.
	Liquidity Transfer Order Link Set			X					All data is available in T2S.
	Credit Memorandum Balance			X					All data is available in T2S.
	Liquidity Transfer Group	X	X						Data is available in different services/components depending on the Cash Account Type attribute of the Cash Accounts it refers to.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	Settlement Bank Account Group		X			X			All data is available in RTGS and ECONS2.
	Limit		X	X	X			X	Data is available in different services/components depending on the Cash Account Type attribute of the Cash Account it refers to.
	Direct Debit Mandate	X	X						Data is available in different services/components depending on the Cash Account Type attribute of the Cash Account it refers to.
	Standing Order for Reservation	X	X						Data is available in different services/components depending on the Cash Account Type attribute of the Cash Accounts it refers to.
Access Rights Management	User	X	X	X		X		X	All data is available in CRDM. Data related to Parties with a Party Service Link to ECONS2, PONTES, CLM or RTGS is

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
									available in that Service/component.
	Role	X	X	X	X	X		X	All data is available in T2S. Data containing Privileges related to ECONS2, CLM, RTGS, PONTES or TIPS is available in that Service/component.
	Privilege			X				X	All data is available in T2S. It is not available in other Services, but it is used by CRDM to determine the availability of other access rights data in those Services/components. Each Privilege includes a link to a single Service/component which defines the Service/component that contains the user function activated by the Privilege.
	Secured group			X					All data is available in RTGS.
	Certificate DN	X	X	X	X	X		X	All data is available in T2S.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
									Data linked to Users flagged as main users for TIPS is available in TIPS. Data linked to Users under Parties with a Party Service Link to ECONS2, PONTES, CLM or RTGS is available in that Service/component.
	User-Certificate DN Link	X	X	X	X	X		X	All data is available in T2S. Data linked to Users flagged as main users for TIPS is available in TIPS. Data linked to Users under Parties with a Party Service Link to ECONS2, CLM or RTGS is available in that Service/component.
	Role User	X	X	X	X	X		X	Data is available in different services/components depending on the Service the Privileges contained in the Role refer to.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	Role Party	X	X	X	X	X		X	Data is available in different services/components depending on the Service/component the Privileges contained in the Role refer to.
	Grantee Privilege	X	X	X	X	X		X	Data is available in different services/components depending on the Service the Privilege refers to.
Message Subscription Configuration	Message Subscription Rule Set	X	X	X	X			X	Data containing Message Subscription Rules that reference data from T2S, CLM, RTGS or TIPS is available in those Services/components.
	Message Subscription Rule	X	X	X	X				Data is available in different services/components depending on the underlying reference data objects the Rule refers to.
Network Configuration	Network Service	X	X	X	X	X			Data is available in different Services/components based on an attribute that defines a direct reference to a single Service/component.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	Technical Address Network Service Link	X	X	X	X	X			Data is available in different Services/components depending on the Service/component the related Network Service refers to.
	DN BIC Routing	X	X		X			X	Data is available in different Services/components depending on the Cash Account Type attribute of the Cash Account the related Authorised Account User BIC refers to.
	Routing	X	X	X	X	X			Data is available in different Services/components depending on the Service identifier in the Network Service linked to the Party Technical Address referenced in the Routing configuration.
Report Configuration	Report Configuration	X	X	X	X			X	Data is available in different Services/components depending on the specific type of report being subscribed.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
Business Day Management Configuration	Event Type			X					T2S data is available in T2S Scheduling. Apart from this, only relevant for CRDM and Business Day Management.
	Operating Day Type			X					T2S data is available in T2S Scheduling. Apart from this, only relevant for CRDM and Business Day Management.
	Closing Day			X					T2S data is available in T2S Scheduling. Apart from this, only relevant for CRDM and Business Day Management.
Market-Specific Configuration	Market-Specific Attribute			X					All data is available in RTGS.
Restriction Type Management	Restriction Type	X	X	X	X		X	X	Data is available in different Services/components based on an attribute that defines a direct reference to a single Service/component.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	Restriction Type Rule			X					All data is available in RTGS.
CoSD Management	CoSD Rule Set			X					All data is available in RTGS.
	CoSD Rule			X					All data is available in RTGS.
Billing Configuration	Service Item								Only relevant for CRDM and Billing.
	Billing Service Configuration								Only relevant for CRDM and Billing.
	Tariff								Only relevant for CRDM and Billing.
	Invoice Configuration								Only relevant for CRDM and Billing.
	VAT								Only relevant for CRDM and Billing.
Configuration Parameters	Country	X	X	X	X	X		X	All data is available in all Services/components.
	Currency	X	X	X	X	X	X	X	All data is available in all Services/components.
	Currency Service Link	X	X	X	X	X	X	X	Data is available in different Services/components depending on the Service/component the link refers to.

AREA	OBJECT	CLM	RTGS	T2S	TIPS	ECONS2	DESP	PONTES	SEGREGATION PRINCIPLES
	System Entity	X	X	X	X	X	X	X	All data is available in all Services/components.
	BIC Directory	X	X	X	X	X	X	X	All data is available in all Services/components.
	Service								Only relevant for CRDM.
	Minimum Reserve Configuration	X							Only relevant for CLM.
	Partial Settlement Threshold			X					All data is available in RTGS.

1.5 Interactions with other services

This section describes the interactions in place between CRDM and other Eurosystem Market Infrastructure Services.

1.5.1 TARGET2-Securities

The Common Reference Data Management common component is built as an enhancement of the T2S Static Data Management (SDMG) domain. The reference data objects and management functionalities featured in CRDM are based on the result of a gap analysis between the functionalities available in T2S SDMG and the requirements of TIPS, DESP, PONTES, RTGS and CLM. CRDM functionalities relate to T2S SDMG in one of three possible ways:

[…]

- Service-specific objects which only have meaning for T2S or one or more of the new Services (e.g. Authorised Account User and DN-BIC Routing for TIPS, PONTES and T2; Securities and CSD Account Links for T2S). Among these objects, those relevant for TIPS and/or T2 can only be viewed and maintained from the CRDM interface and have no bearing on the T2S application processes.

1.4.7 **PONTES Directory**

1.4.7.1 Purpose

To support the routing of instruction in PONTES, the needed routing information is provided in a structured PONTES Directory.

It includes the list of all BICs of PONTES Participants and Addressable entities that are addressable within PONTES.

1.4.7.2 Structure

PONTES Directory is generated as a fixed length record flat file encapsulated in a XML envelope.

The structure of the records of the PONTES Directory is as follows:

TABLE 128 – **PONTES DIRECTORY STRUCTURE**

O/M	FIELD No.	FIELD NAME	FORMAT	DESCRIPTION
M	1	User BIC	CHAR(11)	BIC configured as Authorised Account User in PONTES. This BIC can be authorised for payments on one and only one PONTES Dedicated Cash Wallet or CMB in PONTES and it is the BIC that shall be used to address Instruction in PONTES.
M	2	Institution Name	CHAR(105)	It is the name stored in the CRDM BIC Directory together with the User BIC.
M	3	Party BIC	CHAR(11)	BIC that identifies a PONTES Participant or an Addressable entity in PONTES. This BIC is for information purpose only and it allows grouping all

O/M	FIELD No.	FIELD NAME	FORMAT	DESCRIPTION
				User BICs configured by a given PONTES Participant or Addressable entity. It cannot be used to address instruction in PONTES.
M	4	Account Owner BIC	CHAR(11)	BIC of the PONTES Participant owning the PONTES Dedicated Cash Wallet) for which the User BIC has been authorised, also through a CMB.
M	5	Type of Change	CHAR(1)	Exhaustive list of possible values: A – Added M – Modified D – Deleted U – Unchanged
M	6	Valid From	DATE(YYYYMMDD)	Date from which the entry is valid.
M	7	Valid To	DATE(YYYYMMDD)	Date up to which the entry is valid. Value "99991231" is used whenever the ending of validity has not been specified.

Each version of the PONTES Directory is identified by the name of its file (see section 1.4.7.4).

The following table shows the usage of the "Type of Change" field:

TABLE 128 – TYPE OF CHANGE USAGE

CHANGE	VERSION N-1	VERSION N	VERSION N+1
A new record is issued in the version N of the PONTES Directory (the "Valid From" date must be greater than the validity date of the version N-1).	not present	A	U
A field (different from the BIC) is changed in the version N.	U	M	U
A BIC is no more reachable in PONTES (the "Valid To" date + 1 must be strictly lower than the validity date of the version N+1).	U	D	not present

1.4.7.3 Generation

CRDM generates both a full version and a delta version of the PONTES Directory every business day at 17:00 CET. The full version includes all BICs of PONTES Participants and Addressable entities that are addressable within PONTES, whereas the delta version only includes changes with respect to the previous version of the PONTES Directory (i.e. record with "Type of Change" equal to "A", "D" or "M"). In case there are no changes between two versions of the PONTES Directory, the delta version consists of an empty file.

Immediately after the generation is completed, CRDM forwards both the full version and the delta version to PONTES for push distribution (see section 1.4.7.4). PONTES Actors who created a Report Configuration either full and delta version will receive a PONTES directory including only the records related to the currency of the Central Bank to which the PONTES Participant and Addressable entities belongs to.

1.4.7.4 Distribution

PONTES Actors may receive the PONTES Directory in two ways:

- **push mode**: each day, after having received the end-of-day message from T2, PONTES sends the full version or the delta version of the PONTES Directory to all PONTES Actors who created for this an appropriate Report Configuration.
- **pull mode**: at any time during the service hours of CRDM, a PONTES Actor may download either the full version or the delta version of the PONTES Directory from a CRDM web-page.

The name of the flat file that contains the PONTES Directory is as follows: PONTESXXXTTTTYYYYMMDD where:

- TTTT is the type, i.e. FULL for the full version and DLTA for the delta version;
- XXX is the currency related to the records included in the directory;
- YYYYMMDD specifies the year, month and day as of which the PONTES Directory is valid.

The file name as described refers to the XSD attribute "fileId" of the element "File".

Other logical file names (e.g. A2A Store and Forward, U2A Download prompt) follow software implementation logic and should not be used as reference by customers' applications.

1.4.7.5 XML Envelope

To adhere to ISO20022 compliance, PONTES Directory content is embedded into a XML Envelope.

The following is the XML schema used to embed the file into a message:

```
<?xml version="1.0" ?>
<xs:schema xmlns="urn:PONTES:PONTESDirectory"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
 targetNamespace="urn:PONTES:PONTESDirectory"
 elementFormDefault="qualified">
<xs:simpleType name="RestrictedFileType">
 <xs:restriction base="xs:string">
  <xs:pattern value="(.{177,177}\n)+"/>
 </xs:restriction>
</xs:simpleType>
<xs:element name="File" type="File"/>
 <xs:complexType name="File">
  <xs:simpleContent>
   <xs:extension base="RestrictedFileType">
    <xs:attribute name="fileId" type="xs:string" default="" />
   </xs:extension>
  </xs:simpleContent>
 </xs:complexType>
</xs:schema>
```

This XML Schema Definition can be used by recipient actor to validate the content of the directory, if deemed necessary.

The produced XML file should look as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<File fileId = “PONTESEURFULL20270101” xmlns="urn:PONTES:PONTESDirectory">Record1
Record2
...
Recordn
</File>
```

1.5.3 TIPSARGET Instant Payment Settlement, DESPigital Euro Service Platform, PONTES and T2

CRDM allows users to configure and query reference data to be used in TIPS, DESP, PONTES and T2 (both CLM and RTGS components).

In order to ensure a timely and consistent propagation of common reference data to the relevant services, CRDM implements a publish-subscribe feature allowing each service to receive all the common reference data (and their changes) they require for their processing.

In a nutshell:

- CRDM publishes all changes (in push mode) of common reference data (e.g. creations of new objects, updates of already existing objects);
- Other subscriber services get those changes (in pull mode) and apply them to their Local Reference Data Management component, according to their needs.

Other detailed information can be found in the CRDM documentation.

All reference data setup and maintenance operations for TIPS, DESP, PONTES, CLM and RTGS – other than the immediate changes in the local reference data management – are performed in CRDM and reference data are then propagated from CRDM to the relevant receiver asynchronously on a daily basis. The dialogue envisages two types of interactions:

1. **Daily propagation**: this is the main interaction between CRDM and TIPS/T2/DESP/PONTES. Every CRDM opening day, an ad hoc event triggers the propagation of all reference data from CRDM to TIPS, DESP, PONTES, CLM and RTGS. The events takes place at 17:00 CET for TIPS and DESP, at 17:00 for PONTES and at 18:00 CET for CLM and RTGS, so as to ensure a smooth and complete reference data propagation before TIPS, ~~and~~ DESP and PONTES receive the notifications that a new business day is starting, and similarly for CLM/RTGS before the new business day starts. The set of reference data that TIPS, CLM and RTGS receive on business day T includes all the active data on the mentioned business date. The set of reference data that DESP receives on day T includes all the active data on the mentioned business that are marked as to be propagated by the responsible actor.
2. **Contingency propagation:** in case of contingency the CRDM Operator may trigger an ad hoc Daily propagation from CRDM to TIPS, DESP, PONTES CLM or RTGS. The contingency propagation is a daily propagation triggered intraday if an immediate change of a set of data (not manageable directly in TIPS, DESP, PONTES, CLM or RTGS) must be performed. In this case, the following steps happen:
   a. All the data eligible for the daily propagation and valid at the moment of the contingency propagation are propagated;
   b. The daily propagation is performed as scheduled and includes all the active data on the relevant business date.

No data propagation flow exists from TIPS, DESP, PONTES, CLM or RTGS to CRDM; data modified in TIPS, DESP, PONTES, CLM and RTGS does not influence the existing data in CRDM.

2.3 Data Migration Tool File Upload

TABLE 3 – **DMT FILES SPECIFICATIONS**

REFERENCE DATA OBJECT	OPERATION	FILE SPECIFICATIONS SECTION
Authorised Account User	Create	4.5.3.36
Cash Account	Create	4.5.3.34
Cash Account Restrictions (T2S)	Create	4.5.3.32
Certificate DN	Create	4.5.3.29
CMB Securities Account Link	Create	4.5.3.11
Conditional Securities Delivery Rule	Create	4.5.3.25
Conditional Securities Delivery Rule Set	Create	4.5.3.24
CSD Account Link	Create	4.5.3.9
DN-BIC Routing	Create	4.5.3.38
Eligible Counterpart CSD	Create	4.5.3.28
Euro Foreign Exchange Reference Rate	Create	4.5.3.33
Limit	Create	4.5.3.35
Message Subscription Rule	Create	4.5.3.214.5.3.20
Message Subscription Rule Set (T2 and TIPS)	Create	4.5.3.19
Message Subscription Rule Set (T2S)	Create	4.5.3.20
Party (T2, PONTES and TIPS)	Create	4.5.3.1
Party (T2S)	Create	4.5.3.2
Party Market-Specific Attributes	Create	4.5.3.4
Party-Service Link	Create	4.5.3.37
Privilege (Object)	Grant	4.5.3.17
Privilege (Object – Secured Group)	Grant	4.5.3.18
Privilege (System)	Grant	4.5.3.16
Report Configuration (T2, PONTES and TIPS)	Create	4.5.3.26
Report Configuration (T2S)	Create	4.5.3.27
Restriction Type	Create	4.5.3.22
Restriction Type Rule	Create	4.5.3.23

REFERENCE DATA OBJECT	OPERATION	FILE SPECIFICATIONS SECTION
Role	Create	4.5.3.13
Role	Grant	4.5.3.15
Secured Group	Create	4.5.3.14
Securities	Create	4.5.3.6
Securities Account	Create	4.5.3.5
Securities Account Restrictions	Create	4.5.3.31
Securities CSD Link	Create	4.5.3.10
Securities Market-Specific Attributes	Create	4.5.3.7
Security Restrictions	Create	4.5.3.8
Technical Address Network Service Link	Create	4.5.3.3
User	Create	4.5.3.12
User Certificate DN Link	Create	4.5.3.30

3.1.1.5 GetLimit (camt.009)
3.1.1.5.1 Overview and scope of the message

This chapter illustrates the GetLimit message.

The GetLimit is sent by an authorised party to request information on standing order for limit or limit,

The GetLimit message has the following usages:

- *CRDM Standing Order for Limit Query;*
- *CRDM Limit Query;*
- *TIPS Limit Query;*
- *PONTES Limit Query.*

[…]

Usage Case: PONTES Limit Query

This query type requests usage information about PONTES limit in CRDM.

Specific message requirements

The field RequestType must be filled with ”LIMI” and at least one of the following search criteria must be provided.

MESSAGE ITEM	UTILISATION
Identification Document/GetLmt/MsgHdr/ReqTp/Prtry/Id	Fixed value "LIMI"
BICFI Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/BilLmtCtrPtyId/FinInstnId/BICFI	BIC of the PONTES CMB user
Code Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/CurLmtTp/Cd	Limit type Possible values: - SPLF
Identification Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/AcctId/Othr/Id	Wallet identification
LimitCurrency Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/LmtCcy	Limit currency
LimitAmount Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/LmtAmt	Limit amount
FromDate Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/Sch/Crit/LmtVldAsOfDt/FrDt	Valid as of date

Usage case example: *PONTESLimitQuery*_example.xml

In this example a CB (“XXXXXXXXXXX”) queries PONTES limits for payment bank “ XXXXXXXXXXX ” valid from XXXX-XX-XX and with a limit amount equal to o greater than XXX.

3.1.1.6 ReturnLimit (camt.010)

3.1.1.6.1 Overview and scope of the message

This chapter illustrates the ReturnLimit message.

The ReturnLimit is sent by CRDM to respond on a query on Standing Order fo Limit or Limit.

The ReturnLimit message has the following usages:

- *CRDM Standing Order for Limit Query Response;*
- *CRDM Limit Query Response;*
- *TIPS Limit Query Response*
- *PONTES Limit Query Response.*

These usages are described below, in the chapter “The message in business context”.

[...]

Usage Case: PONTES Limit Query Response

It provides the requestor with information about the PONTES Limit in accordance with the search criteria used within the query

Specific message requirements

MESSAGE ITEM	UTILISATION
Proprietary Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtId/SysId/MktInfrstrctrId/Prtry	NCB responsible for account owner
Identification Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtId/BilLmtCtrPtyId/FinInstnId/BICFI	BIC of the PONTES CMB user
Code Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtId/Tp/Cd	Limit type Possible values: - SPLF
BICFI Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtId/AcctOwnr/FinInstnId/BICFI	Wallet owner
Identification Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtId/AcctId/Othr/Id	Wallet identification
AmountWithCurrency Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtOrErr/Lmt/Amt/AmtWthCcy	Limit amount
Date Document/RtrLmt/RptOrErr/BizRpt/CurLmt/LmtOrErr/Lmt/StartDtTm/Dt	Valid as of date

Usage case example: *PONTESLimitQueryResponse*_example.xml

In this example a CB with BIC "XXXXXXXXXXX" had queried *PONTES* limit for payment bank "XXXXXXXXXXX ". The result of the query is the PONTES limit set for the bank linked to cash account identified with " XXXXXX". The amount of the limit is xxx.000 Euro and starts on XXXX-XX-XX.

3.1.1.7 ModifyLimit (camt.011)

3.1.1.7.1 Overview and scope of the message

This chapter illustrates the ModifyLimit message.

The ModifyLimit is sent by an authorised party for instructing the update of a standing order for limit or a limit, by providing details about the standing order for limit or limit to be updated.

The ModifyLimit message has the following usages:

- *CRDM Update Standing Order for Limit;*
- *CRDM Update Limit;*
- *TIPS Update Limit*
- *PONTES Update Limit*.

These usages are described below, in the chapter "The message in business context".

In response to the ModifyLimit(camt.011), a Receipt(camt.025) message is returned when the requested update has been successfully performed or rejected.

[…]

Usage Case: PONTES Update Limit

This usage case describes the update of a limit in CRDM for PONTES.

Specific message requirements

MESSAGE ITEM	UTILISATION
Identification Document/ModfyLmt/LmtDtls/LmtId/Dflt/BilLmtCtrPtyId/FinInstnId/BICFI	BIC of the PONTES CMB user
Type Document/ModfyLmt/LmtDtls/LmtId/Dflt/Tp/Cd	Limit Type Possible values: - SPLF
Account owner Document/ModfyLmt/LmtDtls/LmtId/Dflt/AcctOwnr/FinInstnId/BICFI	BIC of the Wallet owner referenced by the PONTES CMB
Account identification Document/ModfyLmt/LmtDtls/LmtId/Dflt/AcctId/Othr/Id	Identification of the Wallet linked to the referenced CMB
Valid From Document/ModfyLmt/LmtDtls/NewLmtValSet/StartDtTm/Dt	Valid From
Amount Document/ModfyLmt/LmtDtls/NewLmtValSet/Amt/AmtWthCcy	Amount

Usage case example: *PONTESUpdateLimit* example.xml

In this example the update of Indirect PONTES set for the account " XXXXXi " (owned to the PB " XXXXXXXXXX") for CMB user is requested.

3.1.1.8 DeleteLimit (camt.012)

3.1.1.8.1 Overview and scope of the message

This chapter illustrates the DeleteLimit message.

The DeleteLimit is sent by an authorised actor for instructing the deletion of a standing order for limit or limit, by providing details about the standing order for limit or limit to be deleted.

The DeleteLimit message has the following usages:

- *CRDM Delete Standing Order for Limit;*
- *CRDM Delete Limit;*
- *TIPS Delete Limit.*
- *Pontes Delete Limit;*

These usages are described below, in the chapter "The message in business context".

In response to the DeleteLimit(camt.012), a Receipt(camt.025) message is returned when the requested deletion has been successfully performed or rejected.

[…]

Usage Case: PONTES Delete Limit

This usage case describes the deletion of a PONTES limit in CRDM.

Specific message requirements

MESSAGE ITEM	UTILISATION
Identification Document/DelLmt/LmtDtls/CurLmtId/SysId/MktInfrstrctrId/Prtry	NCB BIC
Identification Document/DelLmt/LmtDtls/CurLmtId/BilLmtCtrPtyId/FinInstnId/BICFI	BIC as Bilateral Limit Counterparty Identification
Type Document/DelLmt/LmtDtls/CurLmtId/Tp/Cd	Limit Type Possible values: - SPLF
Account owner Document/DelLmt/LmtDtls/CurLmtId/AcctOwnr/FinInstnId/BICFI	Wallet owner
Account Identification Document/DelLmt/LmtDtls/CurLmtId/AcctId/Othr/Id	Wallet identifier

Usage case example: *PONTESDeleteLimit* example.xml

In this example a CB with BIC "XXXXXXXXXXX" requests the deletion of the PONTES limit set for payment bank identified with BIC " XXXXXXXXXXX " owning the wallet identified with "XXXXXX".

3.1.2.3 AccountOpeningRequest (acmt.007)

[…]

3.1.2.3.2 Schema

[…]

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
Identification Document/AcctOpngReq/Acct/Id/Othr/Id	DCC1103 DCC1216 DCC1532 DCC1534 DCC1533 DCC1535 DCC1537 DCC1539 DCC1542 DCC1570
Proprietary Document/AcctOpngReq/Acct/Tp/Prtry	DCC1225 DCC1226 DCC1530 DCC1531 DCC1536 DCC1538
Currency Document/AcctOpngReq/Acct/Ccy	DCC1100 DCC1207

MESSAGE ITEM	BUSINESS RULES
	DCC1225 DCC1226 DCC1405 DCC1550
FloorNotificationAmount Document/AcctOpngReq/Acct/FlrNtfctnAmt	DCC1101 DCC1800
CeilingNotificationAmount Document/AcctOpngReq/Acct/ClngNtfctnAmt	DCC1101 DCC1800
ClosingDate Document/AcctOpngReq/Acct/ClsgDt	DCC1210 DCC1250
Code Document/AcctOpngReq/Acct/Rstrctn/RstrctnTp/Cd	DCC1024 DCC1213 DCC1230 DCC1300
ValidFrom Document/AcctOpngReq/Acct/Rstrctn/VldFr	DCC1025 DCC1208 DCC1212 DCC1214 DCC1230 DCC1300 DCC1601
ValidUntil Document/AcctOpngReq/Acct/Rstrctn/VldUntil	DCC1209 DCC1212 DCC1214 DCC1230 DCC1300
TargetGoLiveDate Document/AcctOpngReq/CtrctDts/TrgtGoLiveDt	DCC1205
BIC Document/AcctOpngReq/AcctSvcrId/FinInstnId/BICFI	DCC1001
BIC Document/AcctOpngReq/Org/OrgId/AnyBIC	DCC1524 DCC1555
Reference Account Document/AcctOpngReq/RefAcct	QMPC114
Identification Document/AcctOpngReq/RefAcct/Id/Othr/Id	DCC1204 DCC1206 DCC1208 DCC1217 DCC1218 DCC1219 DCC1221 DCC1222 DCC1224 DCC1227

3.1.2.6 AccountExcludedMandateMaintenanceRequest (acmt.015)
[…]
3.1.2.6.2 Schema
[…]

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
Identification Document/AcctExcldMndtMntncReq/Acct/Id/Othr/Id	DCU1003 DCU1214 DCU1555 DCU1556 DCU1557 DCU1558 DCU1558 DCU1560 DCU1570
Currency Document/AcctExcldMndtMntncReq/Acct/Ccy	DCU1218
FloorNotificationAmount Document/AcctExcldMndtMntncReq/Acct/FlrNtfctnAmt	DCU1101 DCU1800
CeilingNotificationAmount Document/AcctExcldMndtMntncReq/Acct/ClngNtfctnAmt	DCU1101 DCU1800
ClosingDate Document/AcctExcldMndtMntncReq/Acct/ClsgDt	DCU1030 DCU1040 DCU1041 DCU1042 DCU1203 DCU1205 DCU1210 DCU1215 DCU1224 DCU1250 DCU1400 DCU1532 DCU1534
Code Document/AcctExcldMndtMntncReq/Acct/Rstrctn/ Rstrctn/RstrctnTp/Cd	DCU1024 DCU1216 DCU1217 DCU1222 DCU1263 DCU1300
ValidFrom Document/AcctExcldMndtMntncReq/Acct/Rstrctn/Rstrctn/VldFr	DCU1211 DCU1219 DCU1223 DCU1300 DCU1600
ValidUntil Document/AcctExcldMndtMntncReq/Acct/Rstrctn/Rstrctn/VldUntil	DCU1212 DCU1216 DCU1220 DCU1223 DCU1300 DCU1313 DCU1600
BIC Document/AcctExcldMndtMntncReq/AcctSvcrId/FinInstnId/BIC	DCU1001
BIC Document/AcctExcldMndtMntncReq/Org/OrgId/AnyBIC	DCU1001

4.5.3.1 Party Reference Data- New

- Record Type: “Party”

The record is used to create party reference data.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group “Party”						1..1	
3	C	Parent BIC	CHAR 11)				1..1
4	D	Type	Possible values: - PMBK - ANSY - MDLT	Classification of the party: - PMBK = Payment bank - ANSY = Ancillary System - MDLT: Market DLT Operator			1..1
5	E	Delta Mode	BOOLEAN	• true = The recipient gets the report in delta mode • false = The recipient gets the report in full mode			1..1

4.5.3.26 Report Configuration - New

- Record Type: “Report Configuration”

The record is used to create a report configuration.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group “Report Configuration”						1..1	
3	C	Configuration Name	VARCHAR (35)	Name of the report configuration.			1..1
4	D	Configuration Description	VARCHAR (350)	Description of the report configuration.			1..1
5	E	Delta Mode	BOOLEAN	• true = The recipient gets the report in delta mode • false = The recipient gets the report in full mode			1..1
6	F	Report Name	Possible values: T2S Report Types • Statement of Holdings • Statement of Transactions	Name of the report type.			1..1

			• Statement of Pending Instructions • Statement of Settlement Allegements • Statement of Accounts • SD Party Statement • SD Securities Statement • SD Securities Accounts Statement • SD T2S DCA Statement • Current Business Day Cash Forecast • Next Business Day Cash Forecast • Executed AI on Cash • Executed AI on Securities • Executed CI on Cash • Executed CI on Securities • Pending AI on Cash • Pending AI on Securities • Pending CI on Cash • Pending CI on Securities • Pending Restrictions on Cash • Pending Restrictions on Securities • Settled Restrictions on Cash • Settled Restrictions on Securities TIPS Report Types: • TIPS Statement of Accounts • TIPS Statement of Account Turnover • TIPS Directory • TIPS Directory Update • MPL Repository Maintenance Report CLM Report Types: • CLM Statement of Accounts • CLM Repository • CLM Repository Update RTGS Report Types: • RTGS Statement of Accounts • RTGS Directory • RTGS Directory Update PONTES Report Types: • Statement of Wallet Turnover • Statement of Wallet • PONTES Directory • PONTES Directory Update			
7	G	System Entity Wide	BOOLEAN	• true = System entity wide reporting			1..1

		Reporting Flag					
8	H	Frequency	DECIMAL (2,0)	Frequency in hours for the generation of the delta reports	Mandatory when Delta Mode = true. Not allowed otherwise.		0..1
9	I	Cash Account Number	VARCHAR(34)	Number of the Cash Account linked to the Report Configuration.	Only allowed for T2 RTGS and T2 CLM Reports. Not allowed otherwise. Field is used by DMT to retrieve the account identifier for backend processing.		0..1
Group “Report Configuration Party Link”						0..10	
10	J	Parent BIC	CHAR (11)	Parent BIC of the linked party.			1..1
11	K	Party BIC	CHAR (11)	Party BIC of the linked party.			1..1
12	L	Push Mode	BOOLEAN	• true = The recipient gets the report in push mode • false = The recipient gets the report in pull mode	Only allowed value in TIPS is “true”.		1..1
13	M	Execution Time	TIME	Time of the execution of the report.	Not allowed for TIPS Reports, CLM Repository, CLM Repository update, RTGS Directory and RTGS Directory update, RTGS Statement of Accounts or CLM Statement of Accounts. Mandatory otherwise unless Event Type is used.		0..1
14	N	Event Type	CHAR (4)	Code of the event type that triggers the report.	Not allowed for TIPS Reports, CLM Repository, CLM Repository update, RTGS Directory and RTGS		0..1

					Directory update. Mandatory otherwise unless Execution Time is used.		
15	O	Valid From	DATE	Starting date for the validity period.	Must be equal or greater than the current date.		1..1
16	P	Valid To	DATE	Ending date for the validity period.	Must be greater than the Valid From date.		0..1
17	Q	Currency	CHAR(3)	Currency linked to the Report Configuration	Not allowed if Event Type is not filled in.		0..1

4.5.3.34 Cash Account

- Record Type: “Cash Account”

The record is used to create a Cash Account.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Cash Account Number	VARCHAR (34)	Unique number of the Cash Account	No leading and trailing space char allowed	1..1	
4	D	Currency Code	CHAR (3)	Currency of the Cash Account	This field is not allowed if the Account Type is “TIPS Credit Memorandum Balance”. It is mandatory otherwise.	0..1	
5	E	Account Type	Possible values: • CSHA • NCBA • RTGS • TACC • TCMB • TTAC • TTCC • TAST • RDCA • RSAA • RCBA • RTAC	Possible values: T2S Account Types: CSHA : T2S Dedicated Cash Account NCBA : T2S Central Bank Account RTGS ; T2S Dedicated Transit Account TIPS Account Types: TACC : TIPS Account TCMB : TIPS Credit Memorandum Balance TTAC : TIPS Transit Account TAST: TIPS AS Technical Account		1..1	

			• AGAC • ATEC • CMCA • ONDP • MGLD • CCAC • CECB • CEMA • CTTS • CTTI • CTDE • CTPO • CTRT • CTEC • ECCB • ECCA • ECTA • ECTR • DDCA • DTAC • DFTA • DNTA • PTAC • PDCW • PCBW • PCMB	RTGS Account Types: RDCA : RTGS Dedicated Cash Account RSAA: RTGS Sub-Account RCBA: RTGS Central Bank Account RTAC : RTGS Dedicated Transit Account AGAC : Ancillary System Guarantee Funds Account ATEC : Ancillary System Technical Account CLM Account Types: CMCA : Main Cash Account ONDP : Overnight Deposit Account MGLD : Marginal Lending Account CCAC : CLM Central Bank Account CECB : Central Bank ECB Account CEMA : ECB Mirror Account CTTS : CLM Dedicated Transit Account for T2S CTTI : CLM Dedicated Transit Account for TIPS CTRT : CLM Dedicated Transit Account for RTGS CTDE: CLM Dedicated Transit Account for DESP CTPO: CLM Dedicated Transit Account for Pontes CTEC: CLM Technical Account for ECONSII ECONS II Account Types: ECCB : CB Contingency Account ECCA : Contingency Cash Account ECTA : Contingency Technical Account ECTR : Contingency Transit Account for TIPS ECTD: Contingency Transit Account for DESP DESP Account Types: DDCA: DESP Dedicated Cash Account DTAC: DESP Transit Account DFTA: DESP Offline Transit Account DNTA: DESP Online Transit Account Pontes Account Types: PTAC: Pontes Transit Account PDCW: Pontes Dedicated Cash Wallet PCBW: Pontes CB Wallet PCMB: Pontes CMB			
6	F	Opening Date	DATE	Opening date of the Cash Account		1..1	
7	G	Closing Date	DATE	Closing date of the Cash Account		0..1	

8	H	Floor Notification Amount	DEC (13,5)	Threshold for floor notifications	This field is only allowed for - all T2S account types - all TIPS account types - RTGS DCAs - RTGS CB Accounts - Main Cash Accounts - CLM CB Accounts - Pontes DCW - Pontes CB Wallet - Pontes CMB	0..1	
9	I	Ceiling Notification Amount	DEC (13,5)	Threshold for ceiling notifications	This field is only allowed for - all T2S account types - all TIPS account types - RTGS DCAs - RTGS CB Accounts - Main Cash Accounts - CLM CB Accounts - Pontes DCW - Pontes CB Wallet - Pontes CMB	0..1	
10	J	Parent BIC	CHAR (11)	Parent BIC of the account owner		1..1	
11	K	BIC	CHAR (11)	BIC of the account owner		1..1	
12	L	Linked Account	VARCHAR (34)	Linked Cash Account	This field is mandatory if the Account Type is T2S Dedicated Transit Account, T2S Central Bank Account, T2S Dedicated Cash Account, TIPS Credit Memorandum Balance , RTGS Sub-Account, Contingency Cash Account, Contingency Technical Account, CB Contingency Account, ECB Mirror Account. Pontes CMB It is optional if the Account Type is Overnight Deposit Account, Marginal Lending Account or RTGS Dedicated Cash Account,	0..1	

					Pontes DCW, Pontes CB Wallet It is not allowed otherwise.		
13	M	Linked Account Type	Possible values: • CASH • EXTA	Possible values: - CASH (Cash Account) - EXTA (External RTGS Account)	This field is mandatory if the Account Type is T2S Dedicated Transit Account, T2S Central Bank Account, T2S Dedicated Cash Account, TIPS Credit Memorandum Balance, RTGS Sub-Account, ECB Mirror Account, Contingency Cash Account, Contingency Technical Account , CB Contingency Account. It is optional if the Account Type is Overnight Deposit Account, Marginal Lending Account or RTGS Dedicated Cash Account, Pontes DCW, Pontes CB Wallet Pontes CMB. It is not allowed otherwise.		
Group “Cash Account Restriction List”						0..10	
14	N	Restriction Type	CHAR (4)	List of blocking restrictions.			1..1
15	O	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	Must be equal or greater than the current date and time.		1..1
16	P	Restriction Valid From Time	TIME				1..1
17	Q	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Date and time must occur together. Must be greater than the Valid From date and time.		0..1
18	R	Restriction Valid To Time	TIME				0..1
Group “Account Threshold Configuration”						0..1	
19	S	Target Amount After Breaching Floor	DEC (13,5)	Amount to reach with automated liquidity transfer.	This field is only allowed if "Floor Notification Amount" is used.		0..1
20	T	Target Amount After Breaching Ceiling	DEC (13,5)	Amount to reach with automated liquidity transfer.	This field is only allowed if "Ceiling		0..1

					Notification Amount" is used.		
21	U	Associated LT Account	CHAR (34)	Account used for automated liquidity transfers and rule-based liquidity transfers in case of pending high/urgent payments.	This field can only be used if “Account Type” is MCA or RTGS DCA.		0..1
22	V	Floor Notification	BOOLEAN	Flag to enable floor notifications.			0..1
23	W	Ceiling Notification	BOOLEAN	Flag to enable ceiling notifications.			0..1
24	X	Rule-based LT for Queued High Priority Payments	BOOLEAN	Flag to enable automated liquidity transfers for queued high priority payments.	This attribute can only be used for RTGS DCA and must be equal to FALSE. It is only allowed if "Associated LT Account" is used.		0..1
25	Y	Rule-based LT for Queued Urgent Priority Payments	BOOLEAN	Flag to enable automated liquidity transfers for queued urgent priority payments.	This attribute can only be used for RTGS DCA and must be equal to FALSE. It is only allowed if "Associated LT Account" is used.		0..1
Group “Reserve Management Account Configuration”					This group is not allowed if the Account Type is CB Contingency Account, Contingency Cash Account, Contingency Technical Account, Contingency Transit Account.	0..1	
26	Z	Minimum Reserve Calculation	BOOLEAN	Flag to enable account for minimum reserve calculation.			0..1
27	AA	Default MCA	BOOLEAN	Flag to enable account as default MCA.	This field is mandatory if Account Type is Main Cash Account or CLM CB Account. It is not allowed otherwise.		0..1
28	AB	Interest Calculation	Possible values: • NONE • MINI • MONT	Possible values: - NONE - MINI : Minimum reserve calculation period - MONT : Monthly	This attribute is not allowed if Minimum Reserve Calculation is set to True or if Currency Code is not equal to EUR.		0..1
29	AC	Interest Rate Type	Possible values: • MRIR • MRP1 • MRP2 • EXRE • EXRR • ODIR	Possible values: - MRIR - Minimum reserve interest rate -MRP1 - Minimum reserve penalty rate type 1 - MRP2 - Minimum reserve penalty rate type 2	This field is mandatory if Interest Calculation is set to a value different from "No". It is not		0..1

			• MLIR	- EXRE - Excess reserve interest rate (exempt tier) - EXRR - Excess reserve interest rate (non-exempt tier) - ODIR - Overnight deposit interest rate - MLIR - Marginal lending interest rate	allowed otherwise.		
30	AD	Automated Generation of Interest Payment (System Generated) ,	BOOLEAN	Flag to enable the automated generation of interest payments.			0..1
Group “Additional Account Configuration”						0..1	
31	AE	Co-managed	BOOLEAN	Flag to enable account for co-management.	This field is only allowed if Account Type is Main Cash Account.		0..1
32	AF	Co-manager Parent BIC	CHAR (11)	Parent BIC of the party co-managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co-managed" is set to TRUE.		0..1
33	AG	Co-manager	CHAR (11)	BIC of the Party co-managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co-managed" is set to TRUE.		0..1
34	AH	Default RTGS Account	BOOLEAN	Flag to enable an RTGS DCA as default.	This field is mandatory if Account Type is "RTGS DCA". It is not allowed otherwise.		0..1
35	AI	Credit-Based Only	BOOLEAN	Flag to prevent negative balances on the account.	This field is only allowed for DESP, Pontes, CLM and RTGS account types.		0..1
36	AJ	Non-published	BOOLEAN	Flag to enable or not the publishing of the account in the directories.	This field is only allowed for CLM and RTGS account types.		0..1
37	AK	Maximum Amount to be Debited per Day	DEC(13,5)	Maximum amount to be debited per day.	This field is only allowed for CLM and RTGS account types.		0..1

4.5.3.35 Limit

- Record Type: “Limit”

The record is used to create a Limit on a Cash Account.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group

2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Cash Account Number	VARCHAR (34)	Unique number of the Cash Account		1..1	
4	D	Limit Type	Possible values: • BILI • MULT • UCDT • ACOL • EXGT • INBI • SPLF	Classification of the Limit: • BILI: ISO Code identifying a bilateral Limit set between an Account Owner and a counterparty • MULT: Multilateral limit for RTGS Cash Account • UCDT: Unsecured credit • ACOL: Auto-Collateralisation • EXGT: External Guarantee • INBI: TIPS CMB Limit • SPLF : PONTES CMB Limit		1..1	
5	E	Limit Amount	DEC (18,5)	Amount defined for the Limit		1..1	
6	F	Valid From	DATE	Starting validity date for the Limit		1..1	
7	G	Valid To	DATE	Ending validity date for the Limit.	This field can only be used if Limit Type is Bilateral Limit and the Cash Account Number identifies a RTGS Account or if Limit Type is Multilateral Limit.	0..1	
8	H	BIC	VARCHAR(11)		This field is not allowed if Limit Type is BILI or MULT. It is mandatory otherwise.	0..1	
9	I	To Account BIC	VARCHAR(11)	Account BIC of the cash account towards which the Limit is established.	This field is mandatory if Limit Type is Bilateral Limit. It is not allowed otherwise.	0..1	

4.5.3.37 Party Service Link

- Record Type: “Party Service Link”

The record is used to Link a Party to a Service.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Parent BIC	CHAR (11)	Parent BIC of the party to link.		1..1	
4	D	Party BIC	CHAR (11)	Party BIC of the party to link.		1..1	
5	E	Service Name	CHAR (4)	Identifier of the Service.		1..1	

6	F	Valid From	DATE	Starting validity date for the link.		1..1	
7	G	Valid To	DATE	Ending validity date for the link		0..1	
8	H	Service Party Type	Possible values: • TPPT • TPRP • TPAS • MPPT • RACH • ANSY • CACH • IMMR • ECAH • ECAS • DEAH • PPAR • PADE	Classification of the Service Name: • TPPT: TIPS Participant • TPRP: Reachable Party • TPAS: TIPS Ancillary System • MPPT: MPL-Only Participant • RACH (RTGS Account Holder) • ANSY (Ancillary System) • CACH (CLM Account Holder) • IMMR (Institution managing minimum reserve without account in CLM) • ECAH (Contingency Account Holder) • ECAS (Contingency Ancillary System) • DEAH (DESP DCA Holder) • PPAR (PONTES Participant) • PADE (PONTES Addressable Entity)		1..1	
Group “RTGS Configuration”					This block is mandatory if the Service Identifier in input refers to T2_RTGS. It is not allowed in any other case.	0..1	
9	I	U2A only	BOOLEAN	Specifies whether a Party acts only through the U2A channel in RTGS.			1..1
10	J	Ancillary System Sub-Type	Possible values: • HVPS • RPS • IPS • SSS • FXS • MMS • CCP • OTH	Sub-Type for an Ancillary System. Possible values: • HVPS: High-Value-Payment-Systems • RPS: Retail-Payment-Systems • IPS: Instant-Payment-Systems • SSS: Security-Settlement-Systems • FXS: Foreign-Exchange-Settlement-Systems • MMS: Money-Market-Settlement-Systems • CCP: Central-Counter-Parties • OTH: Other	This field is mandatory if the Service Identifier in input refers to T2_RTGS and Service Party Type is “Ancillary System”. It is not allowed in any other case.		0..1
Group “CLM Configuration”					This block is mandatory if the Service Identifier in input refers to T2_CLM. It is not allowed in any other case.	0..1	

11	K	Overnight Deposit Indicator	BOOLEAN	Specifies whether the Party uses the Overnight Deposit facility.			1..1
12	L	Marginal Lending Indicator	BOOLEAN	Specifies whether the Party uses the Marginal Lending facility.			1..1
13	M	Minimum Reserve Obligation	Possible values: • Direct • Pool • Indirect • No	Specifies whether the Party is subject to the minimum reserve requirement and through which method it is calculated.			1..1
14	N	Intraday Credit Indicator	BOOLEAN	Specifies whether the Party is allowed to receive intraday credit.			1..1
15	O	Institutional Sector Code	Possible values are: • S.11 • S.121 • S.122 • S.123 • S.124 • S.125 • S.126 • S.127 • S.128S.128 • S.129 • S.1311 • S.1312 • S.1313 • S.1314 • S.14 • S.15	Identifies the financial corporations sector classification to which the Party belongs with respect to the nature of its business.			1..1
16	P	U2A Only	BOOLEAN	Specifies whether a Party acts only through the U2A channel in CLM.			1..1
17	Q	MFI Code	CHAR (35)	Monetary Financial Institution Code	Mandatory if "Minimum Reserve Obligation" is equal to "Pool", "Direct" or "Indirect" Not allowed if "Minimum Reserve Obligation" is equal to "No". Allowed character set: SWIFT-X plus "$").		0..1
18	R	Leading CLM Account Holder Parent BIC	CHAR (11)	Parent BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool", "Direct" or "Indirect"		0..1
19	S	Leading CLM Account Holder Party BIC	CHAR (11)	BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool", "Direct" or "Indirect"		0..1

5.1 Business Rules

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
DRD9001	When performing a request to delete a Limit, the requestor must be authorised to delete the requested data according to the following: A System Operator user can delete all data A NCB user can delete only Limits for CMBs (T2S CMBs ~~and,~~ TIPS CMBs and PONTES CMBs) and RTGS Dedicated Cash Accounts belonging to its own System Entity A Payment Bank user can delete only Limits for its own non-primary T2S CMBs, its own RTGS DCAs and TIPS CMBs linked to its own Cash Account	camt.012	camt.025	REJT	Requestor not allowed	Yes	Yes	Yes	No	No	No	Yes
DRU9001	When performing a request to update a Limit, the requestor must be authorised to update the requested data according to the following: A Service Operator user can update all data A NCB user can update only Limits for CMBs (T2S CMBs ~~and,~~ TIPS CMBs and PONTES CMBs) and RTGS Dedicated Cash Accounts belonging to its own System Entity A Payment Bank user can update only Limits for its own non-primary T2S CMBs, its own RTGS DCAs and TIPS CMBs linked to its own Cash Account	camt.011	camt.025	REJT	Requestor not allowed	Yes	Yes	Yes	No	No	No	Yes
DRU9233	When performing a Limit Update request for a TIPS or PONTES CMB Limit, the changes can only be performed via U2A.	camt.011	camt.025	REJT	TIPS CMB Limit can only be updated via U2A	No	Yes	No	No	No	No	Yes
DCC1001	When performing a Cash Account create request, the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank. Users belonging to NCBs can only create Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash	acmt.007	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
	Accounts that fall under their responsibility. Users belonging to Payment Banks can only create TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Users belonging to Ancillary Systems can only create TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Exceptions to the above rules are represented by any user that is granted the appropriate privilege(s) on the specific Party to be linked to the account.											
DCC1230	When performing a Cash Account Create request including a Cash Account Restriction related to TIPS ~~or~~ DESP or Pontes, the Valid From must take the conventional value representing the current timestamp and the Valid To cannot be set.	acmt.007	acmt.011	REJT	TIPS/Pontes blocking can only have immediate effect	No	Yes	No	No	No	Yes	Yes
DCC1539	When performing a Cash Account create request, when creating a Pontes Dedicated Cash Wallet, there must be a Pontes Transit Account related to the relevant currency.	acmt.007	acmt.011	REJT	Transit account not found for this currency	No	No	No	No	No	No	Yes
DCC1541	When performing a Cash Account create request, when creating a Pontes Transit Account, no other account of the same type must be already associated to the relevant currency over the same validity period.	acmt.007	acmt.011	REJT	Transit account already existing for this currency	No	No	No	No	No	No	Yes
DCD1001	When performing a Cash Account delete or restore request, the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank.	acmt.019	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
	Users belonging to NCBs can only delete or restore Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can delete or restore Cash Accounts for which they are defined as Co-Managers. Users belonging to Payment Banks can only delete or restore TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Users belonging to Ancillary Systems can only delete or restore TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account											
DCD1014	When performing a Cash Account delete request, in case of deletion of a future T2S Dedicated Transit Account, RTGS Dedicated Transit Account, TIPS Transit Account ~~or~~ DESP Transit Accounts or Pontes Transit Account, no active Cash Accounts with the same currency for T2S, RTGS, ~~-~~TIPS ~~or~~ DESP or Pontes respectively must exist in CRDM.	acmt.019	acmt.011	REJT	Deletion not allowed due to open Cash Accounts related to this Transit Account.	Yes	Yes	Yes	Yes	No	Yes	Yes

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
DCU1001	When performing a Cash Account update request the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank. Users belonging to NCBs can only update Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can update Cash Accounts for which they are defined as Co-Managers. Users belonging to Payment Banks can only update floor/ceiling attributes for Cash Accounts for which they are defined as Account Owners or Co-Managers. In addition, they can update TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account.	acmt.015	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	No	No	Yes
DCU1042	When performing a Cash Account update request, any update of the Opening Date and Closing Date must be consistent with the validity periods of other existing Cash Accounts with type 'Pontes Credit Memorandum Balance' linking to it	acmt.015	acmt.011	REJT	Opening/Closing Date not consistent with linked Pontes CMB	No	Yes	No	No	No	No	Yes
DCU1210	When performing a Cash Account update request, the Closing Date must be equal to or greater than the	acmt.015	acmt.011	REJT	Closing Date Invalid	Yes	Yes	Yes	Yes	Yes	No	Yes

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
	current date and equal to or greater than the Cash Account Opening Date. Furthermore it must be equal to or less than the Account Holder Closing Date. For DESP accounts and Pontes Wallets the Closing Date must be greater than the current date.											
DCU1224	When performing a Cash Account update request on the Linked Account, Opening Date and/or Closing Date of a Pontes Credit Memorandum Balance, the Linked Account must refer to an existing Cash Account instance in CRDM with type "Pontes DCW" which is open throughout the specified validity period of the Pontes CMB being updated.	acmt.015	acmt.011	REJT	Invalid linked account	No	Yes	No	No	No	No	Yes
DCU1263	When performing a Cash Account Update request including Cash Account Restrictions related to TIPS, ~~or~~ DESP or Pontes, the changes can only be performed via U2A.	acmt.015	acmt.011	REJT	TIPS, DESP or Pontes blocking/unblocking cannot be performed via A2A	No	Yes	No	No	No	No	Yes
DCU1313	When performing a Cash Account update request, in case of update of the Opening or Closing Date of a T2S Dedicated Transit Account, RTGS Dedicated Transit Account, ~~or~~ TIPS Transit Account, DESP Transit Accounts, no active Cash Account with the same currency for T2S, RTGS, ~~and~~ TIPS, DESP and Pontes respectively must be open outside of the Transit Account validity period.	acmt.015	acmt.011	REJT	Closing Date not allowed due to open DCA related Transit Account	Yes	Yes	Yes	Yes	No	Yes	Yes
DCU1534	When performing a Cash Account Update request, when updating the Opening/Closing Dates of an RTGS Dedicated Transit Account, T2S Dedicated Transit Account, TIPS Transit Account, any kind of DESP Transit Accounts or any kind of CLM Dedicated Transit Account, Pontes Transit Account no other account of	acmt.015	acmt.011	REJT	Transit Account already defined	Yes	Yes	Yes	Yes	Yes	No	Yes

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2	DESP	PONTES
	the same type must be already associated to the relevant currency over the same validity period.											
DCU1560	When performing a Cash Account Update request, Cash Accounts for Pontes require an existing and active Party-Service Link to be in place between the Owner Party and Pontes for the relevant validity period.	acmt.015	acmt.011	REJT	Party-Service Link for Pontes not found or not valid	No	No	No	No	No	No	Yes

CRDM UHB

The following new chapters of the CRDM UHB are necessary for Pontes group:
- search/list screen
- Details screen
- New/Edit
- Privileges
- Business rules

2.3.4.1 Message Subscription Rule Sets – Search/List Screen
2.3.4.2 Message Subscription Rule Set – Details Screen
2.3.4.3 Message Subscription Rule Set – New/Edit Screen
2.3.4.4 Message Subscription Rule – New/Edit Screen
4.3.2.62 Message Subscription Rule Set – New/Edit Screen
4.3.2.63 Message Subscription Rule – New/Edit Screen

Updates of fields and business to cope with Pontes requirement on Message subscription rules for credi/debit notifications for camt.050.

2.3.1.1 Parties – Search/List Screen
[…]

Fields Description

Parties – Search Criteria	
Status	Select the status of the party from the possible values: ▪ All ▪ Active (default value) ▪ Deleted Reference for error message [ ]: ▪ DPD1003 ▪ DPD1004
Opening Date From	Enter or pick the lower bound of the date from which the party is open. Reference for error message [ ]: ▪ DPD1003 ▪ DPD1004 The lower bound of the opening date must be earlier than or equal to the upper bound. Required format is: Date.
Opening Date To	Enter or pick the upper bound of the date from which the party is open. Reference for error message [ ]: ▪ DPD1003 ▪ DPD1004 The upper bound of the opening date must be later than or equal to the lower bound. Required format is: Date.
Closing Date From	Enter the lower bound of the date from which the party is closed or use the *calendar* icon. Reference for error message [ ]: ▪ DPD1003 ▪ DPD1004 The lower bound of the closing date must be earlier than or equal to the upper bound and later than the lower bound of the opening date.

	Required format is: Date.
Closing Date To	Enter the upper bound of the date from which the party is closed or use the *calendar* icon. Reference for error message [ ]: ▌DPD1003 ▌DPD1004 The upper bound of the closing date must be later than or equal to the lower bound and later than the lower bound of the opening date. Required format is: Date.
Party Type	Select the type of party from the possible values: ▌All (default value) ▌Service Operator ▌Payment bank ▌National Central Bank (NCB) ▌Central Securities Depository (CSD) ▌CSD Participant ▌External CSD ▌Ancillary System ▌Market DLT Operator Reference for error message [ ]: ▌DPD1005 This field can be already filled in or have fewer values depending on your screen access.
Parent BIC	Enter or select the parent BIC of the party. Reference for error message [ ]: ▌DPD1013 ▌DPD1180 Required format is: max. 11x characters.
BIC	Enter or select the BIC of the party. Reference for error message [ ]: ▌DPD1013

	▌DPD1180 Required format is: max. 11x characters.
LEI	Enter the Legal Entity Identifier of the Party, as defined by ISO 17442 standard. Required format is: 20x characters (ISO 17442).
Short Name	Enter the short name of the party. Required format is: max. 35x characters.
Auto-collateralisation Rule	Select the type of collateralisation procedure application for the NCB. The exhaustive list of possible values is as follows: ▌All (default value) ▌Pledge ▌Pledge Sub-account ▌Repo This field has to be specified only for NCB and Payment Bank Party Type. This field is for T2S only.

2.3.1.2 Party – Details Screen

Party Restriction List	
This section reports only active restrictions with a present or future validity period.	
Current status (TIPS)	This field is visible only if the party is relevant for TIPS. It represents the blocking/unblocking status as present in TIPS for the party.
Current status (DESP)	This field is visible only if the party is relevant for DESP. It represents the blocking/unblocking status as present in DESP for the party.
Current status (PONTES)	This field is visible only if the party is relevant for PONTES. It represents the blocking/unblocking status as present in PONTES for the party.
Restriction	Shows the restriction type for the party. Reference for error message [▸]: ▌DPD1024

Party Restriction List	
Valid From	Shows the starting validity date and time for the restriction. Reference for error message [ ]: DPD1208
Valid To	Shows the ending validity date and time for the restriction.

2.3.1.3 Party – New/Edit Screen

Context of Usage

This screen enables the user to create a new party or to modify an existing one, previously selected.

In edit mode, for the Parties relevant for TIPS, ~~and~~ DESP and PONTES when their block/unblock status in CRDM is different from TIPS, ~~and~~ DESP and PONTES, this screen allows the user to request the status alignment.

The buttons is are visible only for the Parties relevant for , ~~and~~ DESP and PONTES and it is are active only when the , ~~and~~ DESP and PONTES block/unblock status is different from the one in CRDM. This can happen when users set the block/unblock status in , ~~and~~ DESP and PONTES during CRDM closing hours.

The TIPS block/unblock status is different from the one in CRDM if:

- TIPS status is "unblocked" and the Party has at least one valid restriction among
  - TPCR: Block for credit;
  - TPDB: Block for debit;
  - TPBO: Block for both debit and credit.
- TIPS status is "Blocked for crediting" and the CRDM valid restrictions are different from TPCR.
- TIPS status is "Blocked for debiting" and the CRDM valid restrictions are different from TPDB.
- TIPS status is "Blocked for crediting/debiting" and the CRDM valid restrictions are different from TPBO or from the couple (TPCR, TPDB).

The DESP block/unblock status is different from the one in CRDM if:

- DESP status is "unblocked" and the Party has at least one valid restriction among
  - DPCR: Block for credit;
  - DPDB: Block for debit;
  - DPBO: Block for both debit and credit.
- DESP status is "Blocked for crediting" and the CRDM valid restrictions are different from DPCR.
- DESP status is "Blocked for debiting" and the CRDM valid restrictions are different from DPDB.
- DESP status is "Blocked for crediting/debiting" and the CRDM valid restrictions are different from DPBO or from the couple (DPCR, DPDB).

The PONTES block/unblock status is different from the one in CRDM if:

- ⇨ PONTES status is “unblocked” and the Party has at least one valid restriction among
  - PPCR: Block for credit;
  - PPDB: Block for debit;
  - PPBO: Block for both debit and credit.
- ⇨ PONTES status is “Blocked for crediting” and the CRDM valid restrictions are different from PPCR.
- ⇨ PONTES status is “Blocked for debiting” and the CRDM valid restrictions are different from PPDB.
- ⇨ PONTES status is “Blocked for crediting/debiting” and the CRDM valid restrictions are different from PPBO or from the couple (PPCR, PPDB).

When the alignment is requested, the screen set the proper amendment to be performed in the restrictions set, creating new/amending the existing TIPS, ~~and~~ DESP and PONTES blocking restrictions with an immediate effect when the user submit the all form.

When performing the immediate unblock of the Parties relevant for TIPS , ~~and~~ DESP and PONTES the user edits the related active restriction (TPCR, TPDB, TPBO, DPCR, DPDB, DPBO, PPCR, PPDB, PPBO); clicking on the edit button (pencil) the fields Valid From and Valid to are greyed, in this situation and only for TIPS , ~~and~~ DESP and PONTES restrictions a fixed message is displayed in order to guide the user to the next action:

- Click + button to immediately unblock the ~~TIPS~~ party
- Click X button to cancel the action

[…]

Fields Description

[...]

Party	
Parent BIC	Enter the parent BIC of the party. Reference for error message [ ]: ▪ DPC1001 ▪ DPU1001 ▪ DPU1013 This field is mandatory if the Party Type is not NCB. This field is read-only in edit mode. Required format is: max. 11x characters.
Party Type	Select the type of party from the possible values: ▪ Payment bank ▪ National Central Bank ▪ Central Securities Depository

	▌CSD Participant ▌External CSD ▌Ancillary System ▌Market DLT Operator Reference for error message [ ]: ▌DPC1002 ▌DPC1005 This field is mandatory in create mode. This field is read-only in edit mode.
Opening Date	Enter the opening date of the party or use the calendar icon. Reference for error message [ ]: ▌DPC1205 ▌DPU1206 ▌DPU1208 The inserting opening date must be equal or greater than the current business date. This field is mandatory in create mode. This field is read-only in edit mode if the current business date is greater than the “opening date”. Required format is: Date.
Closing Date	Enter the closing date of the party or use the calendar icon. Reference for error message [ ]: ▌DPC1206 ▌DPU1003 ▌DPU1205 ▌DPU1208 ▌DPU1250 The Closing Date must be greater than or equal to the current business date and greater than the opening date. Required format is: Date.

LEI	Enter the Legal Entity Identifier of the Party, as defined by ISO 17442 standard. Reference for error message [ ]: ▌DPU1360 Required format is: 20x characters (ISO 17442).

[...]

Party Restriction List	
This section reports only active restrictions with a present or future validity period.	
Current status (TIPS)	This field is visible only if the party is relevant for TIPS and only in edit mode. It represents the blocking/unblocking status as present in TIPS for the party. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and TIPS blocking status are different, any existing TPCR, TPBD, TPBO restriction cannot be added (the item does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).
Current status (DESP)	This field is visible only if the party is relevant for DESP and only in edit mode. It represents the blocking/unblocking status as present in DESP for the party. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and DESP blocking status are different, any existing DPCR, DPBD, DPBO restriction cannot be added (the item does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).

Current status (PONTES)	This field is visible only if the party is relevant for PONTES and only in edit mode. It represents the blocking/unblocking status as present in PONTES for the party. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and PONTES blocking status are different, any existing PPCR, PPBD, PPBO restriction cannot be added (the item does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).
Restriction	Enter or select a restriction type from the suggested items in the drop-down menu. If Valid From is entered, this field is mandatory.
Valid From	Enter the starting validity date and time for the restriction. For CLM and RTGS, only date is allowed If a restriction is selected, this field is mandatory. Valid From date must be equal to or greater than the current business date. When creating a new restriction, in case the Party is relevant for TIPS, ~~and~~ DESP and PONTES and the restriction is TIPS, ~~and~~ DESP and PONTES related, only an immediate restriction can be inserted: the valid from field contains '1000-01-01-00.01' and cannot be amended.

	Reference for error message [ ]: ▪ DPC1025 ▪ DPC1208 ▪ DPC1209 ▪ DPC1230 ▪ DPU1005 ▪ DPU1010 ▪ DPU1025 ▪ DPU1208 ▪ DPU1209 ▪ DPU1230 Required format is: DateTime.
Valid To	Enter the ending validity date and time for the restriction. For CLM and RTGS, only date is allowed; if Valid To is set to the current business date the restriction is meant as removed with immediate effect, otherwise it is removed from the start of the specified date in CLM/RTGS. When the restriction type is one among TPCR, TPBD, TPBO, DPCR, DPDB, ~~and~~ DPBO, PPCR, PPDB and PPBO the field is read-only. If the user is creating a new restriction, the field is empty. If the user is amending an existing restriction, the field contains the value for immediate closure ('9999-12-31-23.59'). Reference for error message [ ]: ▪ DPC1025 ▪ DPC1207 ▪ DPC1209 ▪ DPU1005 ▪ DPU1207 ▪ DPU1209 ▪ DPC1231 Required format is: DateTime.

2.3.1.6 Party Service Link – Search/List Screen

Fields Description

Party Service Link – Search Criteria	
Status	Select the status of the Party Service Link from the possible values: - All - Active (default value) - Deleted
Parent BIC	Enter or select the Parent BIC of the party. Required format is: max. 11x characters.
Party BIC	Enter or select the Party BIC of the party. Reference for error message [ ]: - DPD4003 - DPD4007 - DPD4008 Required format is: max. 11x characters.
Service	Select the Service from the possible values: - All (default value) - TIPS SERVICE - T2 CLM COMPONENT - T2 RTGS COMPONENT - ECONSII COMMON COMPONENT - DESP - PONTES Reference for error message [ ]: - DPD4005 - DPD4006

Party Type for Service	Select the Party Type the Party can have for the Service from the possible values: ▌All (default value) ▌TIPS Operator ▌TIPS Central Bank ▌TIPS Participant ▌TIPS Reachable Party ▌TIPS Ancillary System ▌MPL-Only Participant ▌CLM Operator ▌CLM CB Account Holder ▌CLM CB Technical Account Holder ▌CLM Transit Account Holder ▌CLM Account Holder ▌Institution managing minimum reserve without account in CLM ▌RTGS Operator ▌RTGS CB Account Holder ▌RTGS Transit Account Holder ▌RTGS Account Holder ▌Ancillary System ▌Contingency CB Account Holder ▌Contingency Account Holder ▌Contingency Ancillary System ▌DESP Operator ▌DESP Central Bank ▌DESP Transit Account Holder ▌DESP DCA Holder ▌PONTES Operator ▌PONTES Transit Account Holder ▌PONTES Central Bank ▌PONTES Participant ▌PONTES Addressable Entity

Valid From: From	Enter the lower bound for the opening date of the Party Service Link or use the calendar icon. Required format is: Date.
Valid From: To	Enter the upper bound for the opening date of the Party Service Link or use the calendar icon. The 'Valid From: To' must be greater than the 'Valid From: From'. Required format is: Date.
Valid To: From	Enter the lower bound for the closing date of the Party Service Link or use the calendar icon. Required format is: Date.
Valid To: To	Enter the upper bound for the closing date of the Party Service Link or use the calendar icon. The 'Valid To: To' must be greater than the 'Valid To: From'. Required format is: Date.

2.3.1.8 Party Service Link – New/Edit Screen

[…]

Fields Description	Party Service Link
Parent BIC	Enter or select the Parent BIC of the party. This field is mandatory in create mode. This field is read-only in edit mode. Required format is: 11x characters.
Party BIC	Enter or select the Party BIC of the party. Reference for error message [ ]: ▌DPC4009 ▌DPC4010 ▌DPU4008 ▌DPU4009 This field is mandatory in create mode. This field is read-only in edit mode. Required format is: 11x characters.

Service	Select the Service for which the Party should be enabled from the drop down menu. Possible values are: - TIPS SERVICE - T2 CLM COMPONENT - T2 RTGS COMPONENT - ECONSII COMMON COMPONENT - DESP - PONTES Reference for error message [ ]: - DPC4003 This field is mandatory in create mode. This field is read-only in edit mode.
Party Type for Service	Select the Type of Party for the service required. Possible values are: - TIPS Operator - TIPS Central Bank - TIPS Participant - TIPS Reachable Party - TIPS Ancillary System - MPL-Only Participant - CLM Operator - CLM CB Account Holder - CLM CB Technical Account Holder - CLM Transit Account Holder - CLM Account Holder - Institution managing minimum reserve without account in CLM - RTGS Operator - RTGS CB Account Holder - RTGS Transit Account Holder - RTGS Account Holder - Ancillary System - Contingency CB Account Holder - Contingency Account Holder

	▌Contingency Ancillary System ▌DESP Operator ▌DESP Central Bank ▌DESP Transit Account Holder ▌DESP DCA Holder ▌PONTES Operator ▌PONTES Transit Account Holder ▌PONTES Central Bank ▌PONTES Participant ▌PONTES Addressable Entity Reference for error message [▶]: ▌DPC4006 ▌DPC4007 This field is mandatory in create mode. This field is read-only in edit mode.
Valid From	Enter the opening date of the Party Service Link or use the calendar icon. Reference for error message [▶]: ▌DPC4004 This field is mandatory in create mode and it must be equal to or later than the current business date. In edit mode, if the date is equal to or lower than the current business date, this field is read-only. Required format is: Date.
Valid To	Enter the closing date of the Party Service Link or use the calendar icon. Reference for error message [▶]: ▌DPC4005 The “Valid To” date, when present, must be equal to or greater than the current date and greater than the “Valid From” date. Required format is: Date.

[…]

2.3.1.11 Pontes Directory – Search/List Screen

Context of Usage

This screen allows the authorised users searching for elements of the PONTES Directory. By inputting the relevant search data, you can search for the BICs satisfying the searching parameters. A user can use this screen for searching the items and showing the related list and downloading the details of the PONTES Directory, both full and update versions.

The result list is displayed sorted by default by "User BIC".

Screen Access

❙ *Common >> Parties >> PONTES Directory >> PONTES Directory – Details screen*

Privileges

To use this screen, the following Privileges are needed [▸]:
❙ PONTES Directory query

Screenshot

Illustration 48: PONTES Directory – Search/List screen

Fields Description

PONTES Directory - Search Criteria	
User BIC	Enter the Participant's BIC to search.

PONTES Directory - List	
User BIC	Shows the BIC configured as Authorised Account User in PONTES. This BIC identifies one and only one PONTES Dedicated Cash Wallet or Credit Memorandum Balance in

	PONTES and it is the BIC that shall be used to address instruction in PONTES.
Institution Name	Shows the name stored in the CRDM BIC Directory together with the user BIC.
Party BIC	Shows the BIC that identifies a PONTES Participant or an Addressable entity in PONTES. This BIC is for information purpose only and it allows grouping all User BICs configured by a given PONTES Participant or Addressable entity. It cannot be used to address instruction in PONTES.
Account Owner BIC	Shows BIC of the PONTES Participant owning the PONTES Dedicated Cash Wallet) for which the User BIC has been authorised, also through a CMB.
Valid From	Shows the date from which the BIC is valid.
Valid To	Shows the date until which the BIC is valid.

Buttons

Search	This function enables the user to start a search according to the entered criteria.
Reset	This function enables the user to set default search criteria and blanks out all optional criteria.
PONTES Directory Last Full	This function enables the user to download the Full version of the last PONTES directory.
PONTES Directory Last Update	This function enables the user to download the Delta version of the last PONTES directory.
PONTES Directory Old Full	This function enables the user to download the Full version of the previous PONTES directory.
PONTES Directory Old Update	This function enables the user to download the Delta version of the previous PONTES directory.

2.3.2.1 Cash Accounts – Search/List Screen

Fields Description

Cash Accounts – Search Criteria	
Status	Select the status of the cash account from the possible values: ▪ All ▪ Active (default value) ▪ Deleted Reference for error message [▸]: ▪ DCD1003 ▪ DCD1012
Cash Account Number	Enter the number of the Cash Account. Required format is: max. 34x characters.

Account Type	Select the type of the cash account from the possible values: - All (default value) - TIPS Account - TIPS Transit Account - TIPS Ancillary System Technical Account - TIPS Credit Memorandum Balance - RTGS Dedicated Cash Account - RTGS Sub-Account - RTGS Central Bank Account - RTGS Dedicated Transit Account - Ancillary System Guarantee Funds Account - Ancillary System Technical Account - Main Cash Account - Overnight Deposit Account - Marginal Lending Account - CLM Central Bank Account - Central Bank ECB Account - ECB Mirror Account - CLM Dedicated Transit Account for T2S - CLM Dedicated Transit Account for TIPS - CLM Dedicated Transit Account for RTGS - CLM Dedicated Transit Account for DESP - CLM Dedicated Transit Account for Pontes - CLM Technical account for ECONS II - Contingency Cash Account - CB Contingency Account - Contingency Technical Account - Contingency Transit Account for TIPS - Contingency Transit Account for DESP - T2S Dedicated Transit Account - T2S Central Bank Account - T2S Dedicated Cash Account - DESP Dedicated Cash Account - Pontes Dedicated Cash Wallet

	▌Pontes Transit Account ▌Pontes Credit Memorandum Balance ▌Pontes CB Wallet ▌DESP Transit Account ▌DESP Offline Transit Account ▌DESP Online Transit Account Reference for error message [▶]: ▌DCD1013 ▌DCD1014 ▌DCD1555
Linked Account Type	Select the type of the linked account from the possible values: ▌All (default value) ▌Cash Account ▌External RTGS Account
Linked Account Number	Enter the number of the cash account to which the Cash Account can be linked. Required format is: max. 34x characters.
Parent BIC	Enter or select the parent BIC of the party. Reference for error message [▶]: ▌DCD1083 Required format is: max. 11x characters.
Party BIC	Enter or select the BIC of the party. Reference for error message [▶]: ▌DCD1083 Required format is: max. 11x characters.
Party type	Select the type of party from the possible values: ▌All (default value) ▌Payment Bank ▌National Central Bank ▌Ancillary System

	Reference for error message [ ]: DCD1555
Currency	Select the currency of the account from the drop-down menu. The default value is 'All'. Reference for error message [ ]: DCD1082 DCD1207
Opening Date From	Enter the lower bound for the opening date of the account or use the calendar icon. Required format is: Date.
Opening Date To	Enter the upper bound for the opening date of the account or use the calendar icon. The 'Opening Date To' must be greater than the 'Opening Date From'. Required format is: Date.
Closing Date From	Enter the lower bound for the closing date of the account or use the calendar icon. The 'Closing Date From' must be later than the 'Opening Date From'. Required format is: Date.
Closing Date To	Enter the upper bound for the closing date of the account or use the calendar icon. The 'Closing Date To' must be later than the 'Closing Date From'. Required format is: Date.

Cash Accounts – List	
Status	Shows the status of the cash account. Reference for error message [ ]:

	▪ DCD1003 ▪ DCD1012
Cash Account Number	Shows the identification of the cash account.
Account Type	Shows the type of cash account. Reference for error message [▸]: ▪ DCD1003 ▪ DCD1012 ▪ DCD1570
Linked Account Type	Shows the type of the linked account.
Linked Account Number	Shows the cash account to which the cash account is linked. Reference for error message [▸]: ▪ DCD1092 ▪ DCD1557
Parent BIC	Shows the parent BIC of the party account holder. Reference for error message [▸]: ▪ DCD1083
Party BIC	Shows the party BIC of the party account holder. Reference for error message [▸]: ▪ DCD1083
Party Short Name	Shows the party short name of the account holder.
Party Type	Shows the type of party. Reference for error message [▸]: ▪ DCD1555
CUR	Shows the currency of the cash account. Reference for error message [▸]: ▪ DCD1082

	▪ DCD1207
Opening Date	Shows the opening date of the cash account. Reference for error message [▸]: ▪ DCD1003 ▪ DCD1012 ▪ DCD1570
Closing Date	Shows the closing date of the cash account. Reference for error message [▸]: ▪ DCD1003 ▪ DCD1012 ▪ DCD1250 ▪ DCD1570

2.3.2.3 Cash Account – New/Edit Screen

Context of Usage

This screen contains a number of search fields. By inputting the relevant data, you can search for Cash Accounts. The search results will display a list sorted by the values of the 'Cash Account Number' column in ascending order (default setting). After selecting an entry, you can proceed further by clicking on the buttons below.

Users can see Cash Accounts under their datascope and the ones for which they have been defined as Co-Manager.

This screen is not relevant for CSD, CSD participant or external CSD users unless they are granted with the proper system and object privileges.

Screen Access

▪ *Common >> Cash >> Cash Accounts >> Search*

▪ *Common* >> *Parties* >> *Parties* >> *Parties – search/list screen* >> Click on the *search* and *details* button >> Click on the *cash accounts* button

Privileges

To use this screen, the following Privileges are needed:

▪ Delete Cash Account

▪ Cash Account list query

- Cash Account reference data query

Screenshot

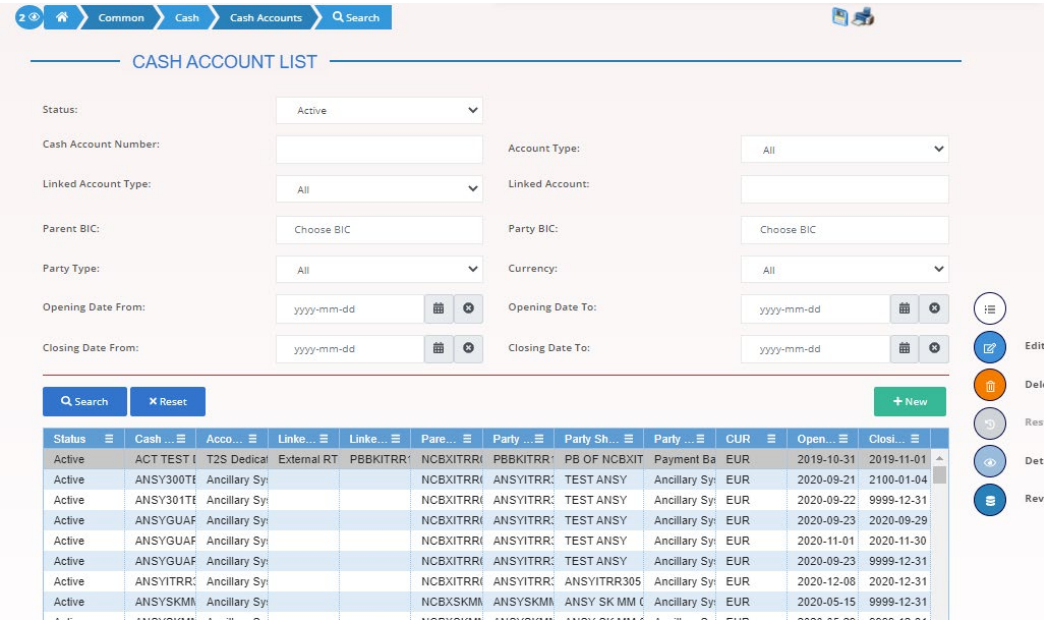


Illustration 1: Cash Accounts – search/list screen

Fields Description

Cash Account	
Cash Account Number	Enter the number of the Cash Account. Reference for error message [ ]: - DCC1103 This field is mandatory in create mode. This field is read-only in edit mode. Required format is: max. 34x characters. No leading and trailing space char allowed.

Account Type	Select the type of the cash account from the possible values: - All (default value) - TIPS Account - TIPS Transit Account - TIPS Ancillary System Technical Account - TIPS Credit Memorandum Balance - RTGS Dedicated Cash Account - RTGS Sub-Account - RTGS Central Bank Account - RTGS Dedicated Transit Account - Ancillary System Guarantee Funds Account - Ancillary System Technical Account - Main Cash Account - Overnight Deposit Account - Marginal Lending Account - CLM Central Bank Account - Central Bank ECB Account - ECB Mirror Account - CLM Dedicated Transit Account for T2S - CLM Dedicated Transit Account for TIPS - CLM Dedicated Transit Account for RTGS - CLM Dedicated Transit Account for DESP - CLM Dedicated Transit Account for Pontes - CLM Technical account for ECONS II - Contingency Cash Account - CB Contingency Account - Contingency Technical Account - Contingency Transit Account for TIPS - Contingency Transit Account for DESP - T2S Dedicated Transit Account - T2S Central Bank Account - T2S Dedicated Cash Account - DESP Dedicated Cash Account - Pontes Dedicated Cash Wallet

	▌Pontes Transit Account ▌Pontes Credit Memorandum Balance ▌Pontes CB Wallet ▌DESP Transit Account ▌DESP Offline Transit Account ▌DESP Online Transit Account Reference for error message [ ]: ▌DCC1225 ▌DCC1226 ▌DCC1531 ▌DCC1532 ▌DCC1570 This field is mandatory in create mode. This field is read-only in edit mode.
Opening Date	Enter the opening date of the cash account or use the calendar icon. Reference for error message [ ]: ▌DCC1205 ▌DCC1213 ▌DCC1570 ▌DCU1570 The 'Opening Date' must be equal to or later than the current business date. This field is mandatory in create mode. This field is read-only in edit mode if the current business date is greater than the "opening date". Required format is: Date.
Closing Date	Enter the closing date of cash account or use the calendar icon. Reference for error message [ ]: ▌DCC1210 ▌DCC1250

	▪ DCC1532 ▪ DCC1570 ▪ DCU1210 ▪ DCU1250 ▪ DCU1313 ▪ DCU1570 The 'Closing Date' must be equal to or later than the 'Opening Date' and the current business date. Required format is: Date.
Parent BIC	Enter or select the parent BIC of the party holding the account. Reference for error message [ ]: ▪ DCC1001 ▪ DCC1101 ▪ DCC1524 ▪ DCU1001 You can choose to either enter the parent BIC of the party holding the account or to select it from the suggested items in the drop-down menu. This field is mandatory in create mode. This field is read-only in edit mode. Required format is: max. 11x characters.
Party BIC	Enter or select the BIC of the party holding the account. Reference for error message [ ]: ▪ DCC1001 ▪ DCC1524 ▪ DCU1001 You can choose to either enter the BIC of the party holding the account or to select it from the suggested items in the drop-down menu. This field is mandatory in create mode. This field is read-only in edit mode. Required format is: max. 11x characters.

Party Short Name	Shows the Party short name of the owner of the account. This field is visible only in edit mode and is read-only.
Party type	Shows the Party type of the owner of the account. Reference for error message [ ]: ▪ DCC1555 This field is visible only in edit mode and is read-only.
Floor Notification Amount	Enter the lower threshold for notifying the cash manager. Reference for error message [ ]: ▪ DCC1800 ▪ DCU1313 ▪ DCU1800 Required format is: Amount. In case this amount is not specified or it is set to zero, no floor notification will be triggered. In order to configure a floor threshold that triggers a notification when a balance becomes negative, the threshold value should be set to 0.01. This field is allowed for: ▪ TIPS Account ▪ TIPS Credit Memorandum Balance ▪ TIPS Ancillary System Technical Account ▪ RTGS DCA ▪ RTGS CB Account ▪ Main Cash Account ▪ CLM CB Account ▪ T2S Central Bank Account ▪ T2S Dedicated Cash Account ▪ Pontes Credit Memorandum Balance ▪ Pontes Dedicated Cash Wallet ▪ Pontes CB Wallet

Ceiling Notification Amount	Enter the upper threshold for notifying the cash manager. Reference for error message [ ]: ▪ DCC1800 ▪ DCU1800 Required format is: Amount. In case this amount is not specified or it is set to zero, no ceiling notification will be triggered. In order to configure a ceiling threshold that triggers a notification when a balance becomes positive, the threshold value should be set to 0.01. This field is allowed for: ▪ TIPS Account ▪ TIPS Credit Memorandum Balance ▪ TIPS Ancillary System Technical Account ▪ RTGS DCA ▪ RTGS CB Account ▪ Main Cash Account ▪ CLM CB Account ▪ T2S Central Bank Account ▪ T2S Dedicated Cash Account ▪ Pontes Credit Memorandum Balance ▪ Pontes Dedicated Cash Wallet ▪ Pontes CB Wallet
Currency	Select the currency of the account selecting it from the drop-down menu. Reference for error message [ ]: ▪ DCC1100 ▪ DCC1207 ▪ DCD1405 ▪ DCC1530 ▪ DCC1531 ▪ DCC1550

	▌DCD1225 This field is not allowed if the Cash Account Type is TIPS Credit Memorandum Balance. It is mandatory in all other cases. This field must be forced to EUR and cannot be modified when the Account Type is Overnight Deposit Account, Marginal Lending Account, Central Bank ECB Account or ECB Mirror Account
Linked Account Type	Select the type of cash account to which the cash account can be linked. Possible values: ▌Cash Account ▌External RTGS Account Reference for error message [▶]: ▌DCU1209 This field is disabled until the Account Type field is selected. If the Account Type field is cleared then the Linked Account Type is emptied. This field is enabled and mandatory when Account Type is: ▌TIPS Credit Memorandum Balance ▌RTGS Sub-Account ▌T2S Dedicated Transit Account ▌T2S Central Bank Account ▌T2S Dedicated Cash Account ▌Contingency Cash Account ▌CB Contingency Account ▌Pontes Credit Memorandum Balance This field is enabled and optional when Account Type is: ▌RTGS Dedicated Cash Account ▌RTGS Central Bank Account ▌Overnight Deposit Account ▌Marginal Lending Account ▌Pontes Dedicated Cash Wallet

	▌Pontes CB Wallet It remains disabled in all other cases.
Linked Account Number	Enter or select the number of the Cash Account or the External RTGS Account to which the Cash Account can be linked. Reference for error message [ ]: ▌DCC1218 ▌DCC1219 ▌DCU1041 ▌DCU1203 ▌DCU1207 ▌DCU1208 ▌DCU1215 ▌DCC1227 This field is mandatory if Linked Account Type is used. It is not allowed otherwise. Required format is: max. 34x characters.

Account Threshold Configuration	
These attributes must be present for RTGS DCAs, RTGS CB Accounts, Pontes CB Wallet, Pontes DCW and Main Cash Accounts and CLM CB Accounts.. Once created, this group cannot be deleted.	
Target Amount After Breaching Floor	Enter the target amount after breaching floor notification amount. Reference for error message [ ]: ▌DCC1800 ▌DCU1232 ▌DCU1800 This field is only allowed if "Floor Notification Amount" is used. Required format is: Amount.
Target Amount After Breaching Ceiling	Enter the target amount after breaching ceiling notification amount. Reference for error message [ ]: ▌DCC1800

	▮ DCU1232 ▮ DCU1800 This field is only allowed if "Ceiling Notification Amount" is used. Required format is: Amount.
Associated LT Account	Enter or select the unique number of the associated LT account. This field is only allowed if Account Type is Main Cash Account or RTGS Dedicated Cash Account. It is disabled and empty otherwise. Reference for error message [ ]: ▮ DCC1220 ▮ DCU1230 Required format is: max. 34x characters.
Floor Notification	Select whether the floor notification is configured or not. Reference for error message [ ]: ▮ DCC1101 ▮ DCU1101 This field is only allowed if "Floor Notification Amount" is used.
Ceiling Notification	Select whether the ceiling notification is configured or not. Reference for error message [ ]: ▮ DCC1101 ▮ DCU1101 This field is only allowed if "Ceiling Notification Amount" is used.
Rule-Based LT for Queued High Priority Payments	Select whether the Rule-Based LT for queued high priority payments is configured or not. This field can only be used for RTGS DCA and it is only allowed if "Associated LT Account" is used. This field is selectable only in edit mode. Reference for error message [ ]: ▮ DCC1440 ▮ DCU1231

Rule-Based LT for Queued Urgent Priority Payments	Select whether the Rule-Based LT for queued urgent priority payments is configured or not. This field can only be used for RTGS DCA and it is only allowed if "Associated LT Account" is used. This field is selectable only in edit mode. Reference for error message [ ]: ▮ DCC1440 ▮ DCU1231

Additional Account Configuration	
These attributes are allowed for DESP DCA, all RTGS and CLM accounts except CLM Technical account for ECONS II. Once created, this group cannot be deleted.	
Co-managed	Select whether the cash account is co-managed or not. Reference for error message [ ]: ▮ DCU1244 ▮ DCU1245 This field is only allowed if Account Type is Main Cash Account.
Co-manager Parent BIC	Enter or select the Parent BIC of the Co-manager. This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co-managed" is set to TRUE. Required format is: max. 11x characters.
Co-manager Party BIC	Enter or select the party BIC of the Co-manager. Reference for error message [ ]: ▮ DCC1410 ▮ DCU1001 ▮ DCU1245 ▮ DCU1410 This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co-managed" is set to TRUE. Required format is: max. 11x characters.

Default RTGS Account	Select whether the RTGS Account is the default RTGS Account or not. Reference for error message [ ]: ▮ DCC1402 ▮ DCU1241 ▮ DCU1402 This field is mandatory if Account Type is "RTGS DCA". It is disabled and empty otherwise.
Credit-Based Only	Select whether the credit-based only is configured or not. Reference for error message [ ]: ▮ DCC1420 ▮ DCU1420 This field is only allowed for DESP, PONTES CLM and RTGS account types.
Non-published	Select whether the cash account should be excluded from CLM Repository/RTGS Directory or not. If no value is specified, the cash account is considered included/published. Reference for error message [ ]: ▮ DCC1540 ▮ DCU1540 This field is only allowed for CLM and RTGS account types.
Maximum Amount to be Debited per Day	Enter the maximum amount to be debited per day. Reference for error message [ ]: ▮ DCC1540 ▮ DCU1540 This field is only allowed for CLM and RTGS account types. If no value is specified, it is considered as zero. Required format is: Amount.

Reserve Management Account Configuration	
These attributes are allowed for TIPS Accounts, T2S DCA, RTGS Dedicated Cash Account, RTGS Central Bank Account, Ancillary System Guarantee Funds Account, Ancillary System Technical Account, Main cash Account, CLM Central Bank Account, ~~and~~ DESP Dedicated Cash Account, Pontes DCW and Pontes CB Wallet, . Once created, this group cannot be deleted.	
Minimum Reserve Calculation	Select whether the minimum reserve calculation is configured or not. Possible values: ▪ Yes ▪ No It is empty and disabled when Currency is different from EUR. Reference for error message [ ]: ▪ DCC1431 ▪ DCU1242 ▪ DCU1431
Default MCA	Select whether the MCA is the default MCA or not. Reference for error message [ ]: ▪ DCC1401 ▪ DCU1240 ▪ DCU1401 This field is mandatory if Account Type is Main Cash Account or CLM CB Account. It is disabled and empty otherwise.
Interest Calculation	Select the interest calculation mode. Reference for error message [ ]: ▪ DCU1242 ▪ DCU1243 This field is not allowed if Minimum reserve Calculation is set ot “Yes”. Possible values are: ▪ Minimum reserve calculation period ▪ Monthly ▪ No

	It is empty and disabled when Currency is different from EUR.
Interest Rate Type	Select the interest rate type associated with the item. This field is mandatory if Interest Calculation is set to a value different from "No". It is not allowed otherwise. Possible values are: ▌Minimum reserve interest rate ▌Minimum reserve penalty rate type 1 ▌Minimum reserve penalty rate type 2 ▌Excess reserve interest rate (exempt tier) ▌Excess reserve interest rate (non-exempt tier) ▌Overnight deposit interest rate ▌Marginal lending interest rate Reference for error message [ ]: ▌DCU1243
Automated Generation of Interest Payment (System Generated)	Select whether the automated generation of interest payment (system generated) is configured or not. Reference for error message [ ]: ▌DCC1400 ▌DCU1400

[...]

Restrictions	
This section reports only active restrictions with a present or future validity period.	
Current status (TIPS)	This field is visible only if the account is a TIPS Account or a TIPS Credit Memorandum Balance and only in edit mode. The field is read-only. It represents the blocking/unblocking status as present in TIPS for the account. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and TIPS blocking status are different, any existing TACR, TADE, TABO restriction cannot be added (the item

	does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).
Current status (DESP)	This field is visible only if the account is a DESP Dedicated Cash Account and only in edit mode. The field is read-only. It represents the blocking/unblocking status as present in DESP for the account. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and DESP blocking status are different, any existing DACR, DADE, DABO restriction cannot be added (the item does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).
Current status (Pontes)	This field is visible only if the account is a Pontes Dedicated Cash Wallet, Pontes CB Wallet, Pontes CMB and only in edit mode. The field is read-only. It represents the blocking/unblocking status as present in Pontes for the account. Possible values are: ▌Unblocked; ▌Blocked for debiting; ▌Blocked for crediting; ▌Blocked for crediting/debiting. When the CRDM and Pontes blocking status are different, any existing PACR, PADE, PABO restriction cannot be added (the item does not appear in the list of possible restrictions) or updated/deleted (their buttons are not active).
Restrictions	Enter or select the restriction type from the suggested items in the drop-down menu. Reference for error message [ ]: ▌DCU1300 This field is also available as a show field for existing records. Duplicate Restriction Type-Valid From combinations are not allowed and you will be shown an error message to indicate 'Duplicate key fields'. There are two possible cases when this error message is shown: ▌New entry in sub-table with a duplicate key

	▪ When in one session (prior submitting) a row is deleted and a new row with the same values (from the deleted entry) in key fields is entered
Valid from	Enter the date and time from which the cash account restriction is valid or use the calendar icon. For CLM and RTGS, only date is allowed. Reference for error message [ ]: ▪ DCC1025 ▪ DCC1208 ▪ DCC1209 ▪ DCC1213 ▪ DCC1214 ▪ DCC1230 ▪ DCU1260 ▪ DCC1300 ▪ DCU1211 ▪ DCU1216 ▪ DCU1219 ▪ DCU1222 ▪ DCU1223 ▪ DCU1300 This field is also available as a show field for existing records. Duplicate Restriction Type-Valid From combinations are not allowed and you will be shown an error message to indicate 'Duplicate key fields'. There are 2 possible cases when this error message is shown: ▪ New entry in sub-table with a duplicate key ▪ When in one session (prior submitting) a row is deleted and a new row with the same values (from the deleted entry) in key fields is entered. When the restriction type is one among TACR, TADE, TABO DACR, DADE, ~~and~~ DABO, PACR, PADE and PABO and the user

	is creating a new restriction, the field is read-only and contains the value for immediate creation ('1000-01-01-00.01'). Required format is: DateTime.
Valid to	Enter the date and time until which the cash account restriction is valid or use the calendar icon. For CLM and RTGS, only date is allowed; if Valid To is set to the current business date the restriction is meant as removed with immediate effect, otherwise it is removed from the start of the specified date in CLM/RTGS. Reference for error message [ ]: ▪ DCC1212 ▪ DCC1213 ▪ DCC1214 ▪ DCC1300 ▪ DCU1212 ▪ DCU1220 ▪ DCU1222 ▪ DCU1223 ▪ DCU1261 ▪ DCU1300 This field is also available as a show field for existing records. When the restriction type is one among TACR, TADE, and TABO DACR, DADE ~~and~~ DABO, PACR, PADE and PABO, the field is read-only. If the user is creating a new restriction, the field is empty. If the user is amending an existing restriction, the field contains the value for immediate closure ('9999-12-31-23.59'). Required format is: DateTime.

2.3.2.4 Limits – Search/List Screen

Context of Usage

This screen contains a number of search fields. By inputting the relevant data, you can search to limits applicable to TIPS Credit Memorandum Balances, PONTES Credit Memorandum Balances, ~~or to~~ RTGS DCAs or T2S DCAs . The search results are displayed in a list. After selecting an entry, you can proceed further by clicking on the buttons below.

Screen Access

▪ *Common >> Cash >> Limits >> Search*

- *Common* >> *Cash* >> *Cash Account* >> *Search* >> click on *Details* button >> click on *Limits* button

Privileges

To use this screen, the following Privileges are needed [▸]:

- Delete Limit
- Limit query

Screenshot

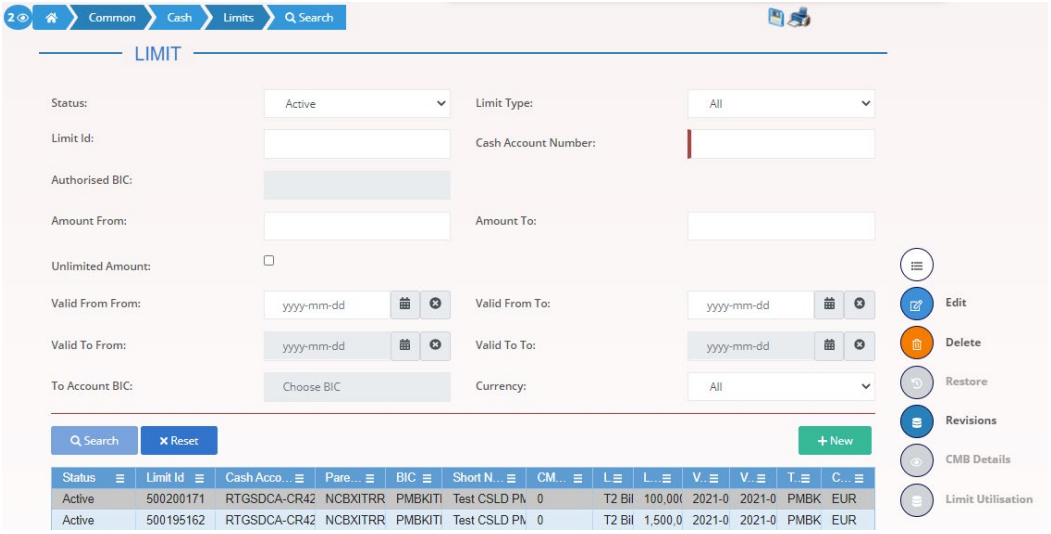


Illustration 2: Limits – search/list screen

Fields Description

Limits – Search Criteria	
Status	Select the status of the Limit from the possible values: ▪ All ▪ Active (default value) ▪ Deleted Reference for error message [▸]: ▪ DRD9003 ▪ DRD9004
Limit Type	Enter the type of the Limit to be searched. Possible values: ▪ All (default value) ▪ PONTES CMB Limit ▪ TIPS CMB Limit ▪ T2 Bilateral Limit

	▌T2 Multilateral Limit ▌T2S Auto-collateralisation Limit ▌T2S External Guarantee Limit ▌T2S Unsecured credit Limit Reference for error message [ ]: ▌DRD9101
Limit Id	Enter the technical id for the Limit the user wants to search. Required format is: Integer.
Cash Account Number	If the Limit Type is TIPS CMB or PONTES CMB, enter the number of the TIPS Credit Memorandum Balance the limit is related to. If the Limit Type is T2 Bilateral Limit or T2 Multilateral Limit, enter the number of the Cash Account the limit is linked to. If the Limit Type is T2S Auto-collateralisation Limit, T2S External Guarantee Limit or T2S Unsecured credit Limit, enter the number of the T2S Dedicated Cash Account of the CMB the limit is related to. Required format is: max. 34x characters.
Authorised BIC	Enter or select the BIC authorized on the Cash account for whom the limit is searched. This field is selectable only if the field Limit Type is different from “TIPS CMB Limit”, “PONTES CMB Limit”, "T2 Bilateral Limit" or "T2 Multilateral Limit”. This field is visible only if the field Limit Type is selected and equal to "T2S Auto-collateralisation Limit”, “T2S External Guarantee Limit” or “T2S Unsecured credit Limit”. Required format is: max. 11x characters.
Amount From	Enter the amount of the Limit: lower bound. Required format is: Amount.
Amount To	Enter the amount of the Limit: upper bound. Required format is: Amount.
Unlimited Amount	If selected only Limit with ‘Unlimited Amount’ value selected will be searched.

Valid From - From	Enter the lower bound for the opening date of the Limit or use the calendar icon. Required format is: Date.
Valid From – To	Enter the upper bound for the opening date of the Limit or use the calendar icon. Required format is: Date.
Valid To – From	Enter the lower bound for the closing date of the Limit or use the calendar icon. This field is visible and used only if the field Limit Type is selected and equal to "T2 Bilateral Limit" or "T2 Multilateral Limit". Required format is: Date.
Valid To – To	Enter the upper bound for the closing date of the Limit or use the calendar icon. This field is visible and used only if the field Limit Type is selected and equal to "T2 Bilateral Limit" or "T2 Multilateral Limit". Required format is: Date.
To Account BIC	Enter the Account BIC linked to the Limit. Reference for error message [ ]: DRD9080 DRD9101 This field is visible and used only if the field Limit Type is selected and equal to "T2 Bilateral Limit". Required format is: max. 11x characters.
Currency	Enter the currency associated to the Cash Account linked to the limit. Reference for error message [ ]: DRD9150 It contains the list of currencies associated with the Cash Accounts under the data scope of the user. The default value is All.

Limits – List	
Status	Shows the status of the Limit. Reference for error message [ ]: ▪ DRD9003 ▪ DRD9004
Limit Type	Shows the type of the returned Limit. Reference for error message [ ]: ▪ DRD9101
Limit Id	Shows the technical id of the returned Limit.
Cash Account Number	Shows the number of the Cash Account of the returned Limit.
Parent BIC	Shows the Parent BIC related to the returned Limit. If the Limit type is TIPS CMB Limit or PONTES CMB Limit, shows the Parent BIC of the NCB. If the Limit type is T2 Bilateral Limit or T2 Multilateral Limit, shows the Parent BIC of the account holder. If the Limit is for auto-collateralisation, shows the Parent BIC of the NCB. If the Limit is for client collateralisation, shows the Parent BIC of the holder of the T2S DCA.
Party BIC	Shows the Party BIC related to the returned Limit. If the Limit type is TIPS CMB Limit or PONTES CMB Limit, it shows the Party BIC of the ~~TIPS Participant~~ owner of the ~~TIPS~~ Account related to the relevant ~~TIPS~~ Credit Memorandum Balance. If the Limit type is T2 Bilateral Limit or T2 Multilateral Limit, shows the Party BIC of the account holder. If the Limit is for auto-collateralisation, shows the Party BIC of the NCB. If the Limit is for client collateralisation, shows the Party BIC of the holder of the DCA.
Party Short Name	Shows the Party Short Name of the Party related to the returned Limit.

	If the Limit type is TIPS CMB Limit or PONTES CMB Limit, it shows the Party Short Name of the ~~TIPS Participant~~ owner of the ~~TIPS~~ Account related to the relevant ~~TIPS~~ Credit Memorandum Balance. If the Limit type is T2 Bilateral Limit or T2 Multilateral Limit, shows the Party Short Name of the account holder. If the Limit is for auto-collateralisation, shows the Short Name of the NCB. If the Limit is for client collateralisation, shows the Short Name of the holder of the DCA.
CMB Id	Shows the technical id of the CMB the Limit is related to
Limit Amount	Shows the Limit Amount. Reference for error message [ ]: ▌DRD9003 ▌DRD9150
Valid From	Shows the date and time from which the Limit is valid. Reference for error message [ ]: ▌DRD9205 ▌DRD9206
Valid To	Shows the date and time until which the Limit is valid. Reference for error message [ ]: ▌DRD9206
To Account BIC	Shows the Account BIC linked to the Limit. Reference for error message [ ]: ▌DRD9080 ▌DRD9101
Currency	Shows the currency associated to the Cash Account linked to the limit. Reference for error message [ ]: ▌DRD9150

Buttons

Search	This function enables the user to start a search according to the filled in criteria. The results are displayed on the same screen. If the search retrieves a single record, the details screen is directly displayed.
Reset	This function enables the user to set default search criteria and blanks out all optional criteria.
New	This function enables the user to create a new Limit.
Edit	This function enables the user to edit the details of the selected Limit. If the status of the selected Limit is already set to 'Deleted', this function is not available.
Delete	This function enables the user to delete the selected Limit, after confirmation. If the status of the selected Limit is already set to 'Deleted', this function is not available. Reference for error message [ ]: ▌DRD9001 ▌DRD9003

Restore	This function enables the user to restore a previously deleted Limit. If the status of the selected Limit is already set to 'Active' this function is not available. Reference for error message [▸]: ▪ DRD9004 ▪ DRD9064 ▪ DRD9065 ▪ DRD9066 ▪ DRD9080 ▪ DRD9101 ▪ DRD9150 ▪ DRD9205 ▪ DRD9206 ▪ DRD9231
Revisions	This function enables the user to display the revisions of the selected Limit.
CMB Details	This function enables the user to display the details of the CMB related to the selected limit. This button is for T2S only.

2.3.2.5 Limit – New/Edit Screen

Context of Usage

This screen contains a number of fields regarding Limit. You can enter new data or edit existing data, previously selected. Afterwards you can proceed further by clicking on the buttons below. This screen is relevant for Central Bank or Payment Bank users responsible for the account to be debited.

Screen Access

- *Common >> Cash >> Limits >> New*
- *Common >> Cash >> Limits >> Search >>* click on *New* or *Edit* button

Privileges

To use this screen, the following Privileges are needed [▸]:

- Create Limit
- Update Limit

Screenshot

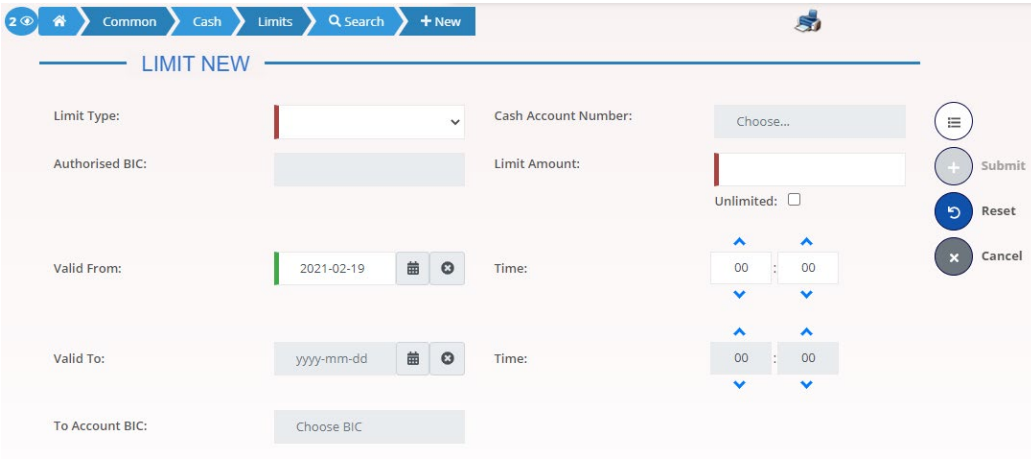


Illustration 3: Limit – new/edit screen

Fields Description

Limits	
Limit Id	Shows the technical id of the Limit. This field is present only in edit mode, it is mandatory and read only. Required format is: Integer.
Limit Type	Select the type of the Limit from the drop down menu. Possible values are: PONTES CMB Limit TIPS CMB Limit T2 Bilateral Limit T2 Multilateral Limit T2S Auto-collateralisation Limit T2S External Guarantee Limit T2S Unsecured credit Limit

	Reference for error message [ ]: ▪ DRC9054 ▪ DRC9058 ▪ DRC9100 ▪ DRC9101 ▪ DRC9111 ▪ DRU9101 ▪ DRU9111 ▪ DRU9207 This field is mandatory. This field is read only in edit mode.
Cash Account Number	If the Limit Type is TIPS CMB Limit or PONTES CMB Limit, it contains the Cash Accounts with type TIPS CMB visible to the connected user and it represents the CMB the limit is related to. Reference for error message [ ]: ▪ DRC9001 ▪ DRC9052 ▪ DRC9100 If the Limit Type is T2 Bilateral Limit or T2 Multilateral Limit, it contains the list of Cash Accounts the connected user can see and it represents the Cash Account the limit is linked to. This field is mandatory in create mode. If the Limit Type is T2S Auto-collateralisation, T2S External Guarantee or T2S Unsecured Credit, it contains the list of Cash Accounts the connected user can see and it represents the Cash Account of the CMB the limit is related to. This field is read-only in create mode if the user enters the screen coming from “Cash Account – Details” screen. In this case, the field is filled with the passed Cash Account number. This field is editable only if the field Limit Type is selected. This field is read-only in edit mode. Required format is: max. 34x characters.

Authorised BIC	Enter the BIC authorized on the Cash account for whom the limit is inserted. This field is visible and mandatory only if the field Limit Type is selected and equal to "T2S Auto-collateralisation Limit", "T2S External Guarantee Limit" or "T2S Unsecured credit Limit". This field is mandatory in create mode. This field is read only in edit mode. Required format is: max. 11x characters.
TIPS CMB Limit amount	The field is visible only if the selected limit type is a TIPS CMB Limit and in edit mode. The field is read-only. It shows the current value of the TIPS CMB Limit.
PONTES CMB Limit amount	The field is visible only if the selected limit type is a PONTES CMB Limit and in edit mode. The field is read-only. It shows the current value of the TIPS CMB Limit.
CMB Id	Shows the identifier of the CMB the Limit is related to. This field is present only in edit mode and is read only. This field is visible only if the field Limit Type is equal to "TIPS CMB", "T2S Auto-collateralisation Limit", "T2S External Guarantee Limit" or "T2S Unsecured credit Limit".
Limit Amount	Enter the Limit Amount. Reference for error message [ ]: ▌DRC9150 ▌DRC9800 ▌DRU9055 ▌DRU9056 ▌DRU9150 ▌DRU9800 This field is mandatory. Required format is: Amount.
Unlimited Amount	If selected, the Limit Amount is set to 'Unlimited' value.

Valid From	Enter the date and time from which the credit Limit is valid. If the selected limit type is a TIPS CMB Limit or PONTES CMB Limit, the field contains the current date and it is read-only. Reference for error message [ ]: ▌DRC9100 ▌DRC9111 ▌DRC9205 ▌DRC9206 ▌DRC9230 ▌DRU9111 ▌DRU9206 This field is mandatory in create mode. This field is read only in edit mode. Required format is: DateTime.
Valid To	Enter the date and time until which the credit Limit is valid. Reference for error message [ ]: ▌DRC9111 ▌DRC9206 ▌DRU9111 ▌DRU9206 ▌DRU9207 This field can be filled only if Limit Type is "T2 Bilateral Limit" or "T2 Multilateral Limit". It is empty if Limit Type is different. This field must be equal to or greater than the current date and equal to or greater than the Valid From. Required format is: DateTime.

To Account BIC	Enter or select the Account BIC linked to the Limit. Reference for error message [ ]: - DRC9059 - DRC9100 - DRC9101 - DRC9111 - DRU9101 - DRU9111 This field is mandatory in create mode if Limit Type is equal to "T2 Bilateral Limit". It is not allowed in any other case. This field is read-only in edit mode. Required format is: max. 11x characters.

Buttons

Submit	This function enables the user to create or edit a Limit. Reference for error message [ ]: ▪ DRC9001 ▪ DRC9052 ▪ DRC9053 ▪ DRC9054 ▪ DRC9055 ▪ DRC9056 ▪ DRC9057 ▪ DRC9058 ▪ DRC9059 ▪ DRC9100 ▪ DRC9101 ▪ DRC9111 ▪ DRC9150 ▪ DRC9205 ▪ DRC9206 ▪ DRC9800 ▪ DRU9001 ▪ DRU9003 ▪ DRU9055 ▪ DRU9056 ▪ DRU9101 ▪ DRU9111 ▪ DRU9150 ▪ DRU9206 ▪ DRU9207 ▪ DRC9230 ▪ DRC9231 ▪ DRC9232 ▪ DRU9232 ▪ DRU9800

Reset	This function enables the user to set all fields to default value and blanks out all optional fields.
Cancel	This function enables the user to cancel the process and return to the previous screen.

2.3.2.7 Authorised Account User – New/Edit Screen

Context of Usage

The "Authorised Account User - New/Edit" screen enables the Service Operator, NCBs, Payment Banks and Ancillary Systems to create a new Authorised Account User or to edit an existing one, previously selected. The screen has a slightly different behaviour depending on the function the user is submitting.

Screen Access

- *Common >> Cash >> Authorised Account User >> New*
- *Common >> Cash >> Authorised Account User >> Search >>* Click on *New* or *Edit* button

Privileges

To use this screen, the following Privileges are needed [▸]:

- Create Authorised Account User
- Update Authorised Account User

Screenshot

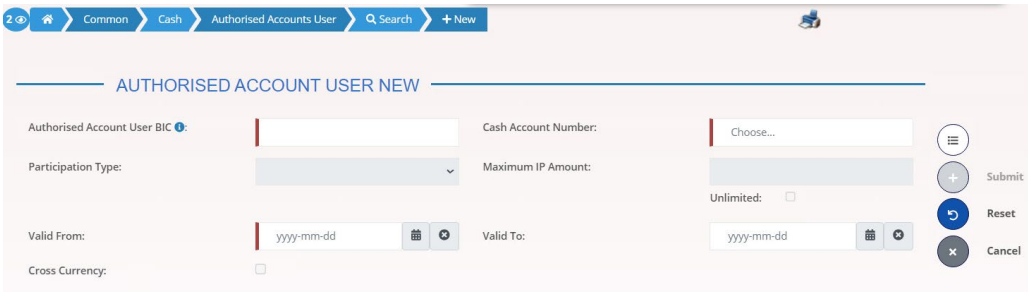


Illustration 4: Authorised Account User – new/edit screen

Fields Description

Authorised Account User	
Authorised Account User BIC	Enter the BIC allowed settling on the selected account or a wildcard pattern. Possible values are: ▸ at least 4 and less than 11x characters followed by a wildcard character (*);

	▪ BIC8 without wildcard character; ▪ BIC11 without wildcard character. Reference for error message [ ]: ▪ DCC2003 ▪ DCC2013 ▪ DCU2012 The field is mandatory in create mode. The field is read-only in edit mode. Required format is: max 11x characters (SWIFT-x plus "*").
Cash Account Number	Enter or select the unique number of the related Cash Account object. This field accepts only cash accounts of the following type: ▪ TIPS Account ▪ TIPS Ancillary System Technical Account ▪ TIPS Credit Memorandum Balance ▪ Main Cash Account ▪ CLM Central Bank Account ▪ Central Bank ECB Account ▪ ECB Mirror Account ▪ CLM Dedicated Transit Account for T2S ▪ CLM Dedicated Transit Account for RTGS ▪ CLM Dedicated Transit Account for TIPS ▪ CLM Dedicated Transit Account for Pontes ▪ RTGS Dedicated Cash Account ▪ Ancillary System Guarantee Funds Account ▪ AS Technical Account ▪ RTGS Central Bank Account ▪ RTGS Dedicated Transit Account ▪ Pontes Dedicated Cash Wallet ▪ Pontes CB Wallet ▪ Pontes Credit Memorandum Balance Reference for error message [ ]: ▪ DCC2002

	▪ DCC2013 ▪ DCC2014 ▪ DCU2002 ▪ DCU2012 ▪ DCU2013 This field is mandatory in create mode. The field is read-only in edit mode. Required format is: max 34x characters.
Participation Type	The behaviour of this field depends on the chosen Cash Account. Reference for error message [▸]: ▪ DCC2008 ▪ DCC2009 ▪ DCU2004 ▪ DCU2005 ▪ DCU2008 It is enabled when Cash Account is inserted. The content is blanked when the cash account content changes. The value can be "Direct" for any CLM/RTGS Cash Account excluding RTGS sub-accounts, Overnight Deposit Accounts and Marginal Lending Accounts. The value can be "Exclusion", any type of “Multi-Addressee” or any type of “Addressable BIC” for RTGS Dedicated Cash Account and RTGS Central Bank Account. ”Indirect” value can be selected only if the account is a RTGS Dedicated Cash Account. If the BIC contains wildcards, Participation Type must be different from empty, “Direct” or “Indirect”. The field is disabled in all other cases. The exhaustive list of possible values is as follows: ▪ Direct ▪ Indirect ▪ Multi Addressee – Branch of Direct Participant ▪ Multi Addressee – Credit Institution ▪ Addressable BIC – Correspondent ▪ Addressable BIC – Branch of Direct Participant ▪ Addressable BIC – Branch of Indirect Participant

	▌Addressable BIC – Branch of Correspondent ▌Exclusion
Maximum IP Amount	Shows the Maximum Amount accepted by the corresponding TIPS Participant or Reachable Party in an incoming Instant Payment transaction. The behaviour of this field depends on the chosen Cash Account. It is enabled when Cash Account is inserted and if it is a TIPS Account, TIPS AS Technical Account, or a TIPS CMB. The content is blanked when the cash account content changes. The field is disabled if the chosen Cash Account is different from TIPS Account, TIPS AS Technical Account, and TIPS CMB. In edit mode, the field shows the Maximum Amount for Instant Payment transaction. In case the value defined for the Authorised Account User is lower than the default value for the Maximum IP Amount defined in the system for the same currency of the TIPS Account, TIPS AS Technical Account, or TIPS CMB linked to the Authorised Account User, the latter is shown. Required format is: Amount.
Unlimited Maximum IP Amount	Selected whether to set the Authorised Account User 'Maximum IP Amount' as Unlimited. The behaviour of this field depends on the chosen Cash Account. It is enabled when Cash Account is inserted and if it is a TIPS Account, TIPS AS Technical Account, or a TIPS CMB. The content is blanked when the cash account content changes. The field is disabled if the chosen Cash Account is different from TIPS Account, TIPS AS Technical Account, and TIPS CMB.
Valid From	Enter the date from which the Authorised Account User is valid. Reference for error message [ ]: ▌DCC2004 ▌DCU2003

	▪ DCU2004 ▪ DCU2005 The field is mandatory in create mode. The field is read-only in edit mode. Required format is: Date.
Valid To	Enter the date until which the Authorised Account User is valid. Reference for error message [▸]: ▪ DCC2005 ▪ DCU2004 ▪ DCU2005 Required format is: Date.
Cross-currency	Select whether to set the Authorised Account User to accept cross-currency payments in TIPS for the associated Cash Account. The behaviour of this field depends on the chosen Cash Account. It is enabled when (i) Cash Account is inserted and (ii) if it is a TIPS Account, TIPS AS Technical Account, or a TIPS CMB. The content is blanked when the cash account content changes. The field is disabled if the chosen Cash Account is different from TIPS Account, TIPS AS Technical Account, and TIPS CMB. Reference for error message [▸]: ▪ DCC2014 ▪ DCU2013

Buttons

Submit	This function enables the user to create or edit an Authorised Account User according to the information filled in the fields. Reference for error message [▸]: ▪ DCC2001 ▪ DCC2002 ▪ DCC2003 ▪ DCC2004

	▌DCC2005 ▌DCC2006 ▌DCC2007 ▌DCC2008 ▌DCC2009 ▌DCC2010 ▌DCC2011 ▌DCC2013 ▌DCC2014 ▌DCU2001 ▌DCU2002 ▌DCU2003 ▌DCU2004 ▌DCU2005 ▌DCU2006 ▌DCU2007 ▌DCU2008 ▌DCU2009 ▌DCU2010 ▌DCU2012 ▌DCU2013 Reference for warning message [ ]: ▌AC2001 ▌AC2002
Cancel	This function enables the user to cancel the creation or the edit action.
Reset	This function restores the situation shown at opening of the page.

2.3.4.5 Report Configurations – Search/List Screen

[…]

Fields Description

Report Configuration – Search Criteria	
Status	Select the status of the Report Configuration from the possible values: ▌All ▌Active (default value) ▌Deleted Reference for error message [ ]: ▌DRDV009 ▌DRDV020 ▌DRDV030
Configuration Name	Enter the Name of the Report Configuration to be searched. Reference for error message [ ]: ▌DRDV008 Required format is: max. 35x characters.
Report Name	Select the name of the report type from the possible values: ▌All (default value) ▌TIPS Statement of Accounts ▌TIPS Statement of Account Turnover ▌TIPS Directory ▌TIPS Directory Update ▌MPL Repository Maintenance Report ▌CLM Statement of Accounts ▌CLM Repository ▌CLM Repository Update ▌PONTES Statement of Wallets ▌PONTES Statement of Wallets Turnover ▌PONTES Directory ▌PONTES Directory Update ▌RTGS Statement of Accounts ▌RTGS Repository ▌RTGS Repository Update ▌T2S Statement of holdings ▌T2S Statement of transactions ▌T2S Statement of pending instructions

	▌T2S Statement of settlement allegements ▌T2S Statement of accounts ▌T2S Statement of static data for parties ▌T2S Statement of static data for securities ▌T2S Statement of static data for securities accounts ▌T2S Statement of static data for T2S dedicated cash accounts ▌T2S Current settlement day cash information report ▌T2S Following settlement day cash forecast report ▌T2S Statement of executed amendment instructions for intra-balance movements ▌T2S Statement of executed amendment instructions for intra-position movements and settlement instructions ▌T2S Statement of executed cancellation instructions for intra-balance movements ▌T2S Statement of executed cancellation instructions for intra-position movements and settlement instructions ▌T2S Statement of pending amendment instructions for intra-balance movements ▌T2S Statement of pending amendment instructions for intra-position movements and settlement instructions ▌T2S Statement of pending cancellation instructions for intra-balance movements ▌T2S Statement of pending cancellation instructions for intra-position movements and settlement instructions ▌T2S Statement of pending intra-balance movements ▌T2S Statement of pending intra-position movements ▌T2S Statement of settled intra-balance movements ▌T2S Statement of settled intra-position movements ▌T2S Daily penalty list ▌T2S List of modified penalties ▌T2S Monthly aggregated amounts Reference for error message [ ]: ▌DRDV007

Service	Select the service the report is created for, from the possible values: - PONTES - TIPS SERVICE - T2 CLM COMPONENT - T2 RTGS COMPONENT - T2S This field is blank as for default value.
Event Type Code	Enter the code of the event type that triggers the report. Reference for error message [ ]: - DRDV006 - DRDV155 This field is enabled if the Service is different from TIPS and PONTES. Required format is: max. 4x characters.
Currency	Select the currency possibly linked to the event from the select box. This field must be enabled only if the field Event Type contains a search value, otherwise is disabled and not valid as search criteria. This field is enabled if the Service is different from TIPS SERVICE, T2 CLM COMPONENT, T2 RTGS COMPONENT and PONTES. Reference for error message [ ]: - DRDV070
Delta Mode	Select whether the recipient receives the relevant report in delta mode or in full mode from the possible values: - All (default value) - Yes - No Reference for error message [ ]: - DRDV110
System entity wide reporting flag	Select whether the report should include information about the entire system entity. This field is enabled if the Service is different from TIPS SERVICE, T2 CLM COMPONENT, T2 RTGS COMPONENT and PONTES.

Frequency	Select the frequencies with which the reports are generated from the possible values: ▪ All (default value) ▪ 3 ▪ 6 ▪ 12 If a non-TIPS Report is contained as search value in the field Report Name, this field must be disabled and not valid as search criteria. This field is enabled only if the Service is equal to TIPS.
Owner Parent BIC	Enter or select the Parent BIC of the interested report. Reference for error message [ ]: ▪ DRDV004 ▪ DRDV155 This field is enabled if the Service is different from TIPS and PONTES. Required format is: max. 11x characters.
Owner Party BIC	Enter or select the Party BIC of the interested report. Reference for error message [ ]: ▪ DRDV004 ▪ DRDV155 This field is enabled if the Service is different from TIPS and PONTES. Required format is: max. 11x characters.
Cash Account Number	Enter the Cash Account for which the report has been subscribed. This field is enabled if the Service is different from TIPS and PONTES. Required format is: max. 34x characters. Reference for error message [ ]: ▪ DRDV155

Report Configuration – List	
Status	Shows the status of the Report Configuration. Reference for error message [ ]: ▪ DRDV009 ▪ DRDV020 ▪ DRDV030
Configuration Name	Shows the name of the Report Configuration. Reference for error message [ ]: ▪ DRDV008
Report Name	Shows the name of the report type. Reference for error message [ ]: ▪ DRDV007
Service	Shows the service of the report.
Delta Mode	Shows whether the recipient receives the relevant report in delta mode or in full mode. Reference for error message [ ]: ▪ DRDV110
System entity wide reporting flag	Shows whether the report should include information about the entire system entity.
Event Type	Shows the code of the event type that triggers the report. Reference for error message [ ]: ▪ DRDV006
Currency	Shows the currency related to the event. Reference for error message [ ]: ▪ DRDV070
Frequency	Shows the frequencies with which the reports are generated.
Parent BIC	Shows the Parent BIC of the interested report.

	Reference for error message [ ]: ▪ DRDV004 ▪ DRDV005
Party BIC	Shows the Party BIC of the interested report. Reference for error message [ ]: ▪ DRDV004 ▪ DRDV005
Owner Party Short Name	Shows the short name of the party which owns the report.
Cash Account Number	Shows the cash account for which the report has been subscribed.

2.3.4.7 Report Configuration – New/Edit Screen

[…]

Fields Description	**Report Configuration**
System Entity Code	Select the system entity for which a Service Operator wants to create a Report Configuration, acting on behalf of a certain user. This field is visible only to Service Operator. This field is read-only in edit mode. This field is enabled if the Service is different from TIPS and PONTES.
Owner Parent BIC	Enter or select the parent BIC of the party which owns the report. In T2 CLM COMPONENT/T2 RTGS COMPONENT, this field is mandatory if Cash Account Number is not used. It is not allowed otherwise. In creation mode, when the report is for T2S, PONTES or TIPS service and the user belongs to a Payment Bank Ancillary System or CSD Participant, the field contains the Parent BIC of the party the connected user belongs to, and it is read-only. This field is mandatory for TIPS, PONTES and T2S This field is read-only in edit mode.

	Reference for error message [▶]: ▮ DRCV004 ▮ DRCV155 ▮ DRUV001 ▮ DRUV155 Required format is: max. 11x characters.
Owner Party BIC	Enter or select the BIC of the party which owns the report. In T2 CLM COMPONENT/T2 RTGS COMPONENT, this field is mandatory if Cash Account Number is not used. It is not allowed otherwise. In creation mode, when the report is for T2S, PONTES or TIPS service and the user belongs to a Payment Bank, Ancillary System or CSD Participant, the field contains the Party BIC of the party the connected user belongs to, and it is read-only. This field is mandatory for TIPS, PONTES and T2S This field is read-only in edit mode. Reference for error message [▶]: ▮ DRCV004 ▮ DRCV155 ▮ DRUV001 ▮ DRCV155 Required format is: max. 11x characters.
Cash Account Number	Enter or select the Cash Account for which the report has to be subscribed. This field is mandatory if Parent and Party BIC are not used. It is not allowed otherwise. This field is read-only in edit mode. This field is not allowed for TIPS, PONTES and T2S. Reference for error message [▶]: ▮ DRCV007 ▮ DRCV155 ▮ DRUV155 Required format is: max. 34x characters.

Configuration Name	Enter the name of the Report Configuration. This field is mandatory in create mode. This field is read-only in edit mode. Reference for error message [ ]: DRCV008 Required format is: max. 35x characters.
Configuration Description	Enter the description of the Report Configuration. This field is mandatory in create mode. This field is read-only in edit mode. Required format is: max. 350x characters.
Report Name	Select the name of the report type from the possible values: TIPS Statement of Accounts TIPS Statement of Account Turnover TIPS Directory TIPS Directory Update PONTES Statement of Accounts PONTES Statement of Account Turnover PONTES Directory PONTES Directory Update MPL Repository Maintenance Report CLM Statement of Accounts CLM Repository CLM Repository Update RTGS Statement of Accounts RTGS Directory RTGS Directory Update T2S Statement of holdings T2S Statement of transactions T2S Statement of pending instructions T2S Statement of settlement allegements T2S Statement of accounts T2S Statement of static data for parties T2S Statement of static data for securities T2S Statement of static data for securities accounts

	▌T2S Statement of static data for T2S dedicated cash accounts ▌T2S Current settlement day cash information report ▌T2S Following settlement day cash forecast report ▌T2S Statement of executed amendment instructions for intra-balance movements ▌T2S Statement of executed amendment instructions for intra-position movements and settlement instructions ▌T2S Statement of executed cancellation instructions for intra-balance movements ▌T2S Statement of executed cancellation instructions for intra-position movements and settlement instructions ▌T2S Statement of pending amendment instructions for intra-balance movements ▌T2S Statement of pending amendment instructions for intra-position movements and settlement instructions ▌ T2S Statement of pending cancellation instructions for intra-balance movements ▌ T2S Statement of pending cancellation instructions for intra-position movements and settlement instructions ▌T2S Statement of pending intra-balance movements ▌T2S Statement of pending intra-position movements ▌T2S Statement of settled intra-balance movements ▌T2S Statement of settled intra-position movements ▌T2S Daily penalty list ▌T2S List of modified penalties ▌T2S Monthly aggregated amounts This field is mandatory in create mode. This field is read-only in edit mode. Reference for error message [ ]: ▌DRCV009

	▪ DRCV080 ▪ DRCV110 ▪ DRCV120 ▪ DRCV125 ▪ DRCV130 ▪ DRUV080 ▪ DRUV110 ▪ DRUV120 ▪ DRUV150
Service	Select the service the report is created for, from the possible values: ▪ PONTES SERVICE ▪ TIPS SERVICE ▪ T2 CLM COMPONENT ▪ T2 RTGS COMPONENT ▪ T2S This field is mandatory in create mode. This field is read-only in edit mode.
Delta Mode	Select whether the recipient shall receive the relevant report in delta mode or in full mode. The Delta Mode option can be chosen only if the linked Report Name has the Delta Availability value set to true. If the Report Name is TIPS Directory, TIPS Directory Update, RTGS Directory, RTGS Directory Update, CLM Repository or CLM Repository Update, PONTES Directory, Pontes Directory Update, PONTES Statement of Wallet Turnover, PONTES Statement of Wallets this field is disabled. This field is read-only in edit mode. Reference for error message [ ]: ▪ DRCV130 ▪ DRCV135 ▪ DRCV140 ▪ DRUV135
Frequency	Select the frequencies with which the reports are generated from the possible values:

	▪ 3 ▪ 6 ▪ 12 In create mode this field is disabled if: ▪ the Service is different from TIPS ▪ the linked Report Name is a TIPS Report and the Delta Mode is set to FALSE. In edit mode the field is disabled if: ▪ the linked Report Name is a non-TIPS Report ▪ the linked Report Name is a TIPS Report and the Delta Mode is set to FALSE. Reference for error message [ ]: ▪ DRCV130 ▪ DRUV130
System Entity Wide Reporting Flag	Select whether the report should include information about the entire system entity. If the selected Service is TIPS SERVICE, PONTES, T2 CLM COMPONENT or T2 RTGS COMPONENT, the field is automatically set to false. This field is read-only in edit mode. Reference for error message [ ]: ▪ DRCV030 ▪ DRCV135 ▪ DRUV135

Party Links	
Opting Parent BIC	Enter or select the parent BIC of the party entitled to receive the report. If the linked Report Name is a TIPS or PONTES Report, the field is automatically filled with the Parent BIC of the Owner Party and it is not editable. This field is mandatory in create mode. This field is read-only in edit mode while editing the values of an existing item.

	Reference for error message [ ]: ▪ DRCV155 ▪ DRCV156 ▪ DRUV110 ▪ DRUV155 ▪ DRUV156 Required format is: max. 11x characters.
Opting Party BIC	Enter or select the BIC of the party entitled to receive the report. If the linked Report Name is a TIPS or PONTES Report, the field is automatically filled with the Party BIC of the Owner Party and it is not editable. This field is mandatory in create mode. This field is read-only in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV136 ▪ DRCV155 ▪ DRCV156 ▪ DRUV110 ▪ DRUV136 ▪ DRUV140 ▪ DRUV155 ▪ DRUV156 Required format is: max. 11x characters.
Push Mode	Select whether the party will receive the report in push mode or not. If the linked Report Name is a TIPS or PONTES Report, the field is automatically set to TRUE. If this field is set to TRUE, the Opting Party cannot be defined as U2A-only in the relevant Service. This field is read-only in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV150

	▪ DRUV120 ▪ DRUV140
Scheduled Time	Enter the time of execution of the report. If the linked Report Name is a TIPS or PONTES Report or is equal to RTGS Directory, RTGS Directory Update, RTGS Statement of Accounts, CLM Repository, CLM Repository Update or CLM Statement od Accounts, this field is disabled. When the Event Type Code is filled the Execution Time must be empty. This field is read-only in edit mode while editing the values of an existing item. Required format is: Time
Event Type	Select the code of the event type that triggers the report. If the linked Report Name is a TIPS Report or PONTES or is equal to RTGS Directory, RTGS Directory Update, CLM Repository or CLM Repository Update, this field is disabled. When the Execution Time is filled the Event Type Code must be empty. This field is read-only in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV006 ▪ DRCV080 ▪ DRCV155 ▪ DRUV006 ▪ DRUV080 ▪ DRUV155
Currency	Select the currency possibly linked to the event to which the single Report Configuration Party Link is linked to. If the linked Report Name is a TIPS SERVICE, PONTES, T2 CLM COMPONENT or T2 RTGS COMPONENT Report, the field is disabled. It is enabled when an Event Type currency dependent is selected, otherwise is disabled.

	This field is read-only in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV070 ▪ DRCV080 ▪ DRUV070 ▪ DRUV080 ▪ DRUV150
Valid from	Enter the date from which the report configuration is valid or use the calendar icon. This field is mandatory in create mode. This field is read-only in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV040 ▪ DRUV020 ▪ DRUV030 ▪ DRUV040 Required format is: Date.
Valid to	Enter the date until which the report configuration is valid or use the calendar icon. Only the “valid to” field can be modified in edit mode while editing the values of an existing item. Reference for error message [ ]: ▪ DRCV050 ▪ DRUV020 ▪ DRUV040 Required format is: Date.

2.4.1.3 Account Monitoring Group – New/Edit Screen

Context of Usage This screen enables the user to create an Account Monitoring Group or to modify an existing one, previously selected.

Screen Access

- *T2 >> Cash>> Account Monitoring Group >> New*
- *T2 >> Cash>> Account Monitoring Group >> Search >>* click on *New* or *Edit* button

Privileges

To use this screen, the following Privileges are needed [▶]:

- Create Account Monitoring Group
- Update Account Monitoring Group

Screenshot

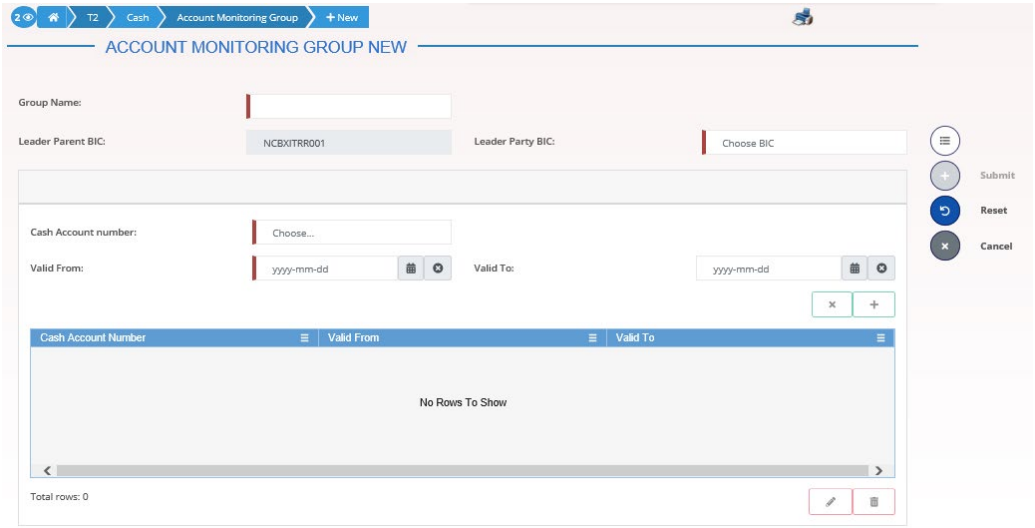


Illustration 5: Account Monitoring Group – new/edit screen

Fields Description

Account Monitoring Group	
Group Name	Enter the name of the Account Monitoring Group. Reference for error message [ ]: ▪ DRCJ002 ▪ DRUJ003 This field is mandatory. Required format is: max 35x characters.
Leader Parent BIC	Shows the parent BIC of the party leader of the group. If the user is a Central Bank user, this field is read-only and contains the BIC of the CB the user belongs to. Otherwise, this field is read-only and contains the Parent BIC of the Participant Bank the user belongs to. Reference for error message [ ]: ▪ DRCJ003 ▪ DRUJ004 Required format is: 11x characters.
Leader Party BIC	Enter or select the BIC of the party leader of the group. If the user is a Payment Bank user, this field is read-only and contains the BIC of the Participant Bank the user belongs to. This field is enabled and mandatory in all other cases and depends on the data scope of the user. Reference for error message [ ]: ▪ DRCJ003 ▪ DRUJ004 Required format is: 11x characters.

Accounts	
Cash Account Number	Enter or select the number of an existing cash account. The possible cash account types are: ▌MCA ▌RTGS Dedicated Cash Account ▌TIPS Account ▌T2S Dedicated Cash Account ▌DESP Dedicated Cash Account ▌PONTES Dedicated Cash Wallet The users can enter or select the accounts under their datascope and the ones for which are co-managers. Reference for error message [ ]: ▌DRCJ007 ▌DRUJ008 This field is mandatory. Required format is: max 34x characters.
Valid From	Enter the starting date from which the cash account belongs to the group or use the calendar icon. The 'Valid From' must be later than the current business date. Reference for error message [ ]: ▌DRCJ012 ▌DRUJ013 This field is mandatory in create mode. This field is read-only in edit mode while editing the values of an existing item. Required format is: Date.
Valid To	Enter the ending date from which the cash account does not belong to the group or use the calendar icon. The 'Valid To' must be later than the current business date and equal to or later than the 'Valid From'. Reference for error message [ ]: ▌DRCJ013

	▪ DRUJ014 Required format is: Date.

Buttons

Add Row	This function enables the user to add an item in the related list using the values inserted in the related fields.
Update Row	This function enables the user to edit the selected item in the related list using the values inserted in the related fields.
Delete Row	This function enables the user to remove the selected item from the related list.
Submit	This function enables the user to create or edit a group. Reference for error message [▸]: ▪ DRCJ001 ▪ DRCJ002 ▪ DRCJ003 ▪ DRCJ007 ▪ DRCJ012 ▪ DRCJ013 ▪ DRCJ014 ▪ DRCJ019 ▪ DRUJ001 ▪ DRUJ002 ▪ DRUJ003 ▪ DRUJ004 ▪ DRUJ008 ▪ DRUJ013 ▪ DRUJ014 ▪ DRUJ015 ▪ DRUJ016 ▪ DRUJ017 ▪ DRUJ022

Reset	This function enables the user to set all fields to default value and blanks out all optional fields.
Cancel	This function enables the user to cancel the process and return to the previous screen.

3.9.1.9 Change the Limit of a Payment Bank

This business scenario describes how to change the limits of a NCB, payment bank or an ancillary system.

The business scenario is not relevant for CSD and CSD participant user.

Privileges

To carry out this business scenario, you need the following privileges:

- Limit query
- Create limit

References

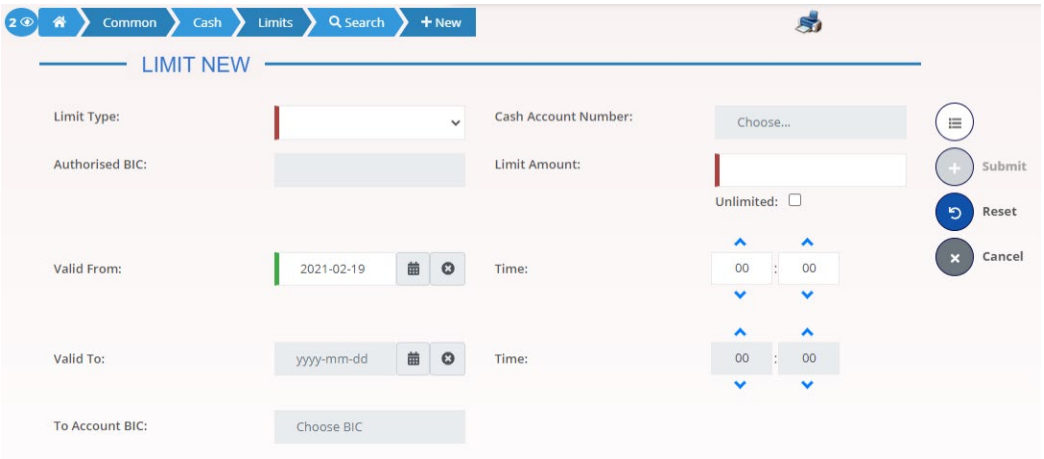
Further information on screens involved can be found in the screen reference parts:

- *Limits - search/list* screen [▸]
- *Limit - new/edit* screen [▸]

Instructions

1. Go to the *limits* – screen:
   Common >> Cash >> Limits >> Search
2. Click on the *new* button.

   ⇨ The *limit* – *new* screen is displayed.



3 Enter all required information about the limit you want to create.

4 You can select ~~six~~ seven types of limits into the 'Limit Type' select box: T2S auto-collateralisation, T2S external guarantee, T2S unsecured credit, T2 multilateral, T2 bilateral, PONTES CMB and TIPS CMB.

Alternatives

To set all fields to default value and blank out all optional fields, click on the *reset* button.

To cancel the process and return to the previous screen, click on the *cancel* button.

5. Click on the *submit* button.

➡ The new ~~auto-collateralisation~~ limit has been created.

4.3.2.5 Account Monitoring Group – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DRCJ007	▌Cash Account number field ▌Submit button	Invalid Entity	For Account Monitoring Groups, the Entity Identifier should refer to an existing and active Cash Account (with type MCA, RTGS Dedicated Cash Account, T2S Dedicated Cash Account, TIPS Account, ~~or~~ DESP DCA or PONTES Dedicated Cash Wallet) in the data scope of the requestor.
DRUJ008	▌Cash Account number field ▌Submit button	Invalid Entity	For Account Monitoring Groups, the Entity Identifier should refer to an existing and active Cash Account (with type MCA, RTGS Dedicated Cash Account, T2S Dedicated Cash Account, TIPS Account, ~~or~~ DESP DCA or PONTES Dedicated Cash Wallet) in the data scope of the requestor.

4.3.2.11 Authorised Account User – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DCD2001	▌Delete button	Requestor not allowed	Authorised Account Users can be deleted or restored only by the Service Operator, NCBs, Payment Banks or Ancillary Systems. NCBs can delete or restore Authorised Account Users within their own System Entities. Payment Banks and Ancillary Systems can delete or restore Authorised Account Users for Cash Accounts

			owned by them and for TIPS/PONTES CMBs linked to these Cash Accounts.
DCD2006	Restore button	Authorised Account User existing for BIC pattern, Service and Currency	At any given point in time, the BIC Pattern, if defined as a BIC11 with a Direct or Indirect Participation Type, must not overlap with other Direct or Indirect BIC11s defined for other Cash Accounts in the same Service and Currency. If defined with multi-addressee or addressable BIC Participation Type , the BIC Pattern must not overlap with other multi-addressee or addressable BICs defined for other Cash Accounts in the same Service and Currency
DCD2007	Restore button	Authorised Account User already defined for this TIPS CMB	At any given point in time, there cannot be more than one Authorised Account User for each TIPS/PONTES Credit Memorandum Balance.

4.3.2.12 Authorised Account User – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DCC2001	Submit button	Requestor not allowed	Authorised Account Users can be created only by the Service Operator, NCBs, Payment Banks or Ancillary Systems. NCBs can create Authorised Account Users for Cash Accounts within their own System Entities. Payment Banks and Ancillary Systems can create Authorised Account Users for Cash Accounts owned by them and for the TIPS/PONTES CMBs linked to these Cash Accounts.
DCC2006	Submit button	Authorised Account user existing for BIC pattern, Service and Currency	At any given point in time, the BIC Pattern, if defined as a BIC11 with a Direct or Indirect Participation Type, must not overlap with other Direct or Indirect BIC11sdefined for other Cash Accounts in the same Service and Currency. If defined with multi-addressee or addressable BIC Participation Type , the BIC Pattern must not overlap with other multi-addressee or addressable BICs

			defined for other Cash Accounts in the same Service and Currency
DCC2007	▌Submit button	Authorised Account User already defined for this TIPS/PONTES CMB	At any given point in time, there cannot be more than one Authorised Account User for each TIPS/PONTES Credit Memorandum Balance.
DCC2008	▌Participation Type field ▌Submit button	Participation Type not consistent with Cash Account Type	The Participation Type must be consistent with the linked Cash Account Type. - No value: TIPS Account/TIPS CMB/TIPS AS Technical Account, PONTES Dedicated Cash Wallet/PONTES CB Wallet/PONTES CMB - Multi-Addressee (all types), Addressable BIC (all types), Exclusion: RTGS Dedicated Cash Account, RTGS Central Bank Account - Indirect: RTGS Dedicated Cash Account - Direct: Any CLM/RTGS Cash Account excluding RTGS sub-accounts, Overnight Deposit Accounts and Marginal Lending Accounts.
DCU2001	▌Submit button	Requestor not allowed	Authorised Account Users can be updated only by the Service Operator, NCBs, Payment Banks or Ancillary Systems. NCBs can update Authorised Account Users within their own System Entities. Payment Banks and Ancillary Systems can update Authorised Account users for Cash Accounts owned by them and for the TIPS/PONTES CMBs linked to these Cash Accounts.
DCU2006	▌Submit button	Authorised Account user existing for BIC Pattern, Service and Currency	At any given point in time, the BIC Pattern, if defined as a BIC11 with a Direct or Indirect Participation Type, must not overlap with other Direct or Indirect BIC11s defined for other Cash Accounts in the same Service and Currency. If defined with multi-addressee or addressable BIC Participation Type , the BIC Pattern must not overlap with other multi-addressee or addressable BICs

			defined for other Cash Accounts in the same Service and Currency
DCU2007	▌Submit button	Authorised Account User already defined for this TIPS/PONTES CMB	At any given point in time, there cannot be more than one Authorised Account User for each TIPS/PONTES Credit Memorandum Balance.

4.3.2.23 Cash Accounts – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DCD1012	▌Status field ▌Restore button ▌Closing date field ▌Opening date field ▌Delete button	Cash Account cannot be restored	When performing a Cash Account restore request it must refer to an existing and deleted Cash Account. The account to be restored must have Closing date equal to or earlier than the Current Business date or Opening date equal to or later than the Current Business date; in addition, the Opening date must be equal to or later than the Account Holder Opening Date and the Closing Date must be equal to or earlier than the Account Holder Closing Date. For CLM and RTGS accounts, the Opening Date must be later than the current date.
DCD1013	▌Account Type field ▌Restore button	Transit account already existing for this currency	When performing a Cash Account restore request, when restoring T2S Dedicated Transit Account, RTGS Dedicated Transit Account, CLM Dedicated Transit Account, TIPS Transit Account ~~or,~~ DESP Transit Accounts, or Pontes Transit Account no other Transit Account must be already associated to the relevant currency in the same validity period.
DCD1014	▌Account Type field ▌Delete button	Deletion not allowed due to open Cash Accounts related to this Transit Account	When performing a Cash Account delete request, in case of deletion of a future T2S Dedicated Transit Account, RTGS Dedicated Transit Account, TIPS Transit Account ~~or~~ DESP Transit Accounts or Pontes Transit Account, no active Cash Accounts with the same currency for T2S, RTGS, -TIPS ~~or~~ DESP or Pontes respectively must exist in CRDM.
DCD1082	▌Restore button	Unknown currency code	When performing a Cash Account restore request the currency code of the

Reference for error message	Field or Button	Error Text	Description
	▌Currency field		Cash Account to be restored must refer to an existing currency code in CRDM with Settlement Currency set to True or a Currency-Service Link in place with the relevant Service.
DCD1532	▌Restore button	Transit Account not found or not valid	When performing a Cash Account restore request, the validity period of a Cash Account must be consistent with the validity period of the relevant Transit Account.
DCD1555	▌Account Type field ▌Party Type field ▌Restore button	Invalid relations between account type and party type	When performing a Cash Account restore request the relation between the Account Type to be restored and the Party Type of the account holder is checked.

4.3.2.24 Cash Accounts – Details Screen

Reference for error message	Field or Button	Error Text	Description
DCD1001	▌Search button ▌Restore button ▌Delete button	Requestor not allowed	When performing a Cash Account delete or restore request, the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank. Users belonging to NCBs can only delete or restore Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can delete or restore Cash Accounts for which they are defined as Co-Managers. Users belonging to Payment Banks can only delete or restore TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Users belonging to Ancillary Systems can only delete or restore TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.

Reference for error message	Field or Button	Error Text	Description
			Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account.
DCD1012	▌Status field ▌Restore button ▌Closing date field ▌Opening date field ▌Delete button	Cash Account cannot be restored	When performing a Cash Account restore request it must refer to an existing and deleted Cash Account. The account to be restored must have Closing date equal to or earlier than the Current Business date or Opening date equal to or later than the Current Business date; in addition, the Opening date must be equal to or later than the Account Holder Opening Date and the Closing Date must be equal to or earlier than the Account Holder Closing Date. For CLM and RTGS accounts, the Opening Date must be later than the current date.
DCD1013	▌Account Type field ▌Restore button	Transit account already existing for this currency	When performing a Cash Account restore request, when restoring T2S Dedicated Transit Account, RTGS Dedicated Transit Account, CLM Dedicated Transit Account, TIPS Transit Account ~~or~~, DESP Transit Accounts, or Pontes Transit Account no other Transit Account must be already associated to the relevant currency in the same validity period.
DCD1014	▌Account Type field ▌Delete button	Deletion not allowed due to open Cash Accounts related to this Transit Account	When performing a Cash Account delete request, in case of deletion of a future T2S Dedicated Transit Account, RTGS Dedicated Transit Account, TIPS Transit Account ~~or~~ DESP Transit Accounts or Pontes Transit Account, no active Cash Accounts with the same currency for T2S, RTGS, -TIPS ~~or~~ DESP or Pontes respectively must exist in CRDM.
DCD1082	▌Restore button ▌Currency field	Unknown currency code	When performing a Cash Account restore request the currency code of the Cash Account to be restored must refer to an existing currency code in CRDM with Settlement Currency set to True or

Reference for error message	Field or Button	Error Text	Description
			a Currency-Service Link in place with the relevant Service.
DCD1095	Restore button	Unknown linked Cash Account	When performing a Cash Account restore request the Linked Account of the Pontes Credit Memorandum Balance to be restored must refer to an existing and open Pontes Dedicated Cash Wallet in CRDM.
DCD1250	Closing Date field Restore button	Closing Date cannot be set to Currency Closing Day	When performing a Cash Account Restore request, the Closing Date for T2 Accounts cannot be set to a Currency Closing Day in the relevant Service.
DCD1400	Delete button Automated Generation of Interest Payment (system generated) field	Invalid use of Automated Generation of Interest Payment flag	When performing a Cash Account restore request, if a CLM Account Holder is specified as Owner Party, Automated Generation of Interest Payment (system generated) can only be set to TRUE in case a Leading CLM Account Holder is defined at Party Service Link Level.
DCD1532	Restore button	Transit Account not found or not valid	When performing a Cash Account restore request, the validity period of a Cash Account must be consistent with the validity period of the relevant Transit Account.
DCD1555	Account Type field Party Type field Restore button	Invalid relations between account type and party type	When performing a Cash Account restore request the relation between the Account Type to be restored and the Party Type of the account holder is checked.

4.3.2.25 Cash Accounts – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DCC1001	Parent BIC field Party BIC field Submit button	Invalid restriction type	When performing a Cash Account create request, the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank. Users belonging to NCBs can only create Cash Accounts for Parties that fall under their responsibility according to the

Reference for error message	Field or Button	Error Text	Description
			Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Users belonging to Payment Banks can only create TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Users belonging to Ancillary Systems can only create TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. Exceptions to the above rules are represented by any user that is granted the appropriate privilege(s) on the specific Party to be linked to the account.
DCC1024	▌Restriction field ▌Submit button	Invalid restriction type	When performing a Cash Account create request, the Restriction Type must refer to an existing Restriction Type with Object Restriction Type equal to Cash Account and belonging to the same system entity of the Cash Account or of the Service Operator and to the correct Service.
DCC1100	▌Issue Currency field ▌Submit button	Currency Code not found	When performing a Cash Account create request the Currency Code must refer to an existing instance in CRDM with Settlement Currency set to True or a Currency-Service Link in place with the relevant Service.
DCC1205	▌Opening Date field ▌Submit button	"Opening Date" invalid	When performing a Cash Account create request the Opening Date must be greater than the current date and be equal or greater than the Account Holder Opening Date. Furthermore it must be

Reference for error message	Field or Button	Error Text	Description
			equal to or less than the Account Holder Closing Date.
DCC1228	▌Submit button	Invalid linked account	When performing a Cash Account create request to create a Pontes Credit Memorandum Balance, Pontes DCW or Pontes CB Wallet the Linked Account must refer to an existing Cash Account instance in CRDM with type "Pontes DCW", "Main Cash Account " or "CLM CB Account", respectively, which is open throughout the specified opening period of the Pontes CMB being created.
DCC1230	▌Valid From field ▌Submit button	TIPS, ~~and~~ DESP and Pontes blocking can only have immediate effect	When performing a Cash Account Create request including a Cash Account Restriction related to TIPS, ~~or~~ DESP or Pontes, the Valid From must take the conventional value representing the current timestamp and the Valid To cannot be set.
DCC1400	▌Automated Generation of Interest Payment (system generated) field ▌Submit button	Invalid use of Automated Generation of Interest Payment flag	When performing a Cash Account Create request, if a CLM Account Holder is specified as Owner Party, Automated Generation of Interest Payment (system generated) can only be set to TRUE in case a Leading CLM Account Holder is defined at Party Service Link Level.
DCC1420	▌Submit button	Invalid use of Credit-Based Only flag	When performing a Cash Account Create request, the Credit-Based Only flag: - must be TRUE for MCA, Overnight Deposit Account, RTGS DCA, RTGS sub-account, AS Guarantee Funds Account (unless owned by a CB), AS Technical Account (unless owned by a CB), DESP

Reference for error message	Field or Button	Error Text	Description
			DCA, DESP Online Transit Account and DESP Offline Transit Account, PONTES Dedicated Cash Wallet - must be FALSE for CLM Dedicated Transit Account, Marginal Lending Account, CB ECB Account, ECB Mirror Account, RTGS Dedicated Transit Account and DESP Transit Account, PONTES Transit Wallet - can be TRUE or FALSE for CLM CB Account, RTGS CB Account, Ancillary System Guarantee Funds Account (if owned by a CB), Ancillary System Technical Account (if owned by a CB), PONTES CB Cash Wallet.
DCC1430	Submit button	Invalid usage of Reserve Management Account Configuration	When performing a Cash Account Create request, the Reserve Management Account Configuration attributes can only be input for TIPS Accounts, T2S DCA and all RTGS, ~~and~~ CLM and Pontes accounts except RTGS sub-accounts, Overnight Deposit Accounts, Marginal Lending Accounts, CB ECB Accounts, ECB mirror accounts, DESP DCA and the Dedicated Transit Accounts in the different settlement services.
DCC1536	Submit button	Transit account already existing for this currency	When performing a Cash Account create request, when creating any kind of CLM Dedicated Transit Account, no other account of the same type must be already associated to the relevant currency over the same validity period.

Reference for error message	Field or Button	Error Text	Description
DCC1539	Submit button	Transit account not found for this currency	When performing a Cash Account create request, when creating a Pontes Dedicated Cash Wallet, there must be a Pontes Transit Account related to the relevant currency.
DCC1541	Submit button	Transit account already existing for this currency	When performing a Cash Account create request, when creating a Pontes Transit Account, no other account of the same type must be already associated to the relevant currency over the same validity period.
DCC1555	Type field Party Type field Submit button	Invalid relations between account type and party type	When performing a Cash Account create request the Account Type to be created must be consistent with the Party Type of the account holder.
DCU1001	Parent BIC field Party BIC field Submit button	Requestor not allowed	When performing a Cash Account update request the Party Type of the Requestor must be NCB, Ancillary System or Payment Bank. Users belonging to NCBs can only update Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS/Pontes Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can update Cash Accounts for which they are defined as Co-Managers. Users belonging to Payment Banks can only update floor/ceiling attributes for Cash Accounts for which they are defined as Account Owners or Co-Managers. In addition, they can update TIPS/Pontes Credit Memorandum Balances linked

Reference for error message	Field or Button	Error Text	Description
			to Cash Accounts that fall under their responsibility. Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account.
DCU1024	▌Restriction field ▌Submit button	Invalid restriction type	When performing a Cash Account update request, in case of request of creation of Cash Account Restriction, the Restriction Type must refer to an existing Restriction Type with Object Restriction Type equal to Cash Account and belonging to the same system entity of the Cash Account or of the Service Operator and to the correct Service.
DCU1042	▌Submit button	Opening/Closing Date not consistent with linked Pontes CMB	When performing a Cash Account update request, any update of the Opening Date and Closing Date must be consistent with the validity periods of other existing Cash Accounts with type 'Pontes Credit Memorandum Balance' linking to it
DCU1204	▌Submit button	Invalid use of Linked Account	When performing a Cash Account update request, the Linked Account can be specified only for TIPS Credit Memorandum Balances, Pontes DCW, Pontes Credit Memorandum Balance, Pontes CB Wallet, T2S Dedicated Transit Accounts, T2S Central Bank Accounts, T2S Dedicated Cash Accounts, RTGS Dedicated Cash Accounts, RTGS Sub-Accounts, Overnight Deposit Accounts, Marginal Lending Accounts, Contingency Cash Accounts or CB Contingency Accounts.

Reference for error message	Field or Button	Error Text	Description
DCU1210	▌Closing Date field ▌Submit button	"Closing Date" Invalid	When performing a Cash Account update request, the Closing Date must be equal to or greater than the current date and equal to or greater than the Cash Account Opening Date. Furthermore it must be equal to or less than the Account Holder Closing Date. For DESP accounts and Pontes Wallets the Closing Date must be greater than the current date.
DCU1224	▌Submit button	Invalid linked account	When performing a Cash Account update request on the Linked Account, Opening Date and/or Closing Date of a Pontes Credit Memorandum Balance, the Linked Account must refer to an existing Cash Account instance in CRDM with type "Pontes DCW" which is open throughout the specified validity period of the Pontes CMB being updated.
DCU1260	▌Valid From field ▌Submit button	TIPS, ~~or~~ DESP or Pontes blocking can only have immediate effect	When performing a Cash Account Update request including the creation of a Party Restriction related to TIPS, ~~or~~ DESP or Pontes, the Valid From must take the conventional value representing the current timestamp and the Valid To cannot be set.
DCU1261	▌Valid To field ▌Submit button	TIPS, ~~or~~ DESP or Pontes unblocking can only have immediate effect	When performing a Cash Account Update request including the update of a Cash Account Restriction related to TIPS, ~~or~~ DESP or Pontes, the Valid To must take the conventional value representing the current timestamp.
DCU1263	▌Submit button	TIPS, ~~or~~ DESP or Pontes blocking/unblocking	When performing a Cash Account Update request including Cash Account

Reference for error message	Field or Button	Error Text	Description
		cannot be performed via A2A	Restrictions related to TIPS, ~~or~~ DESP or Pontes, the changes can only be performed via U2A.
DCU1313	▌Closing date field ▌Floor Notification Amount field ▌Submit button	Closing Date not allowed due to open DCA related Transit Account	When performing a Cash Account update request, in case of update of the Opening or Closing Date of a T2S Dedicated Transit Account, RTGS Dedicated Transit Account or TIPS Transit Account, DESP Transit Accounts, Pontes Transit Accounts, no active Cash Account with the same currency for T2S, RTGS, and TIPS, ~~and~~ DESP and Pontes respectively must be open outside of the Transit Account validity period.
DCU1420	▌Credit-Based Only field ▌Submit button	Invalid use of Credit-Based Only flag	When performing a Cash Account Update request, in case of request for creation of Additional Account Configuration, the Credit-Based Only flag: - must be TRUE for MCA, Overnight Deposit Account, RTGS DCA, RTGS sub-account, AS Guarantee Funds Account (unless owned by a CB), AS Technical Account (unless owned by a CB), DESP DCA, DESP Online Transit Account ~~and~~ DESP Offline Transit account and Pontes DCW - must be FALSE for CLM Dedicated Transit Account, Marginal Lending Account, CB ECB Account, ECB Mirror Account, RTGS Dedicated Transit Account ~~and~~ DESP Transit account and Pontes transit Account - can be TRUE or FALSE for CLM CB Account, RTGS CB Account, Ancillary System

Reference for error message	Field or Button	Error Text	Description
			Guarantee Funds Account (if owned by a CB), Ancillary System Technical Account (if owned by a CB) and Pontes CB Wallet. In case of request for update of Additional Account Configuration, the Credit-Based Only flag can be modified only for CLM CB Account, RTGS CB Account, Ancillary System Guarantee Funds Account (if owned by a CB), Ancillary System Technical Account (if owned by a CB).
DCU1430	Submit button	Invalid usage of Reserve Management Account Configuration	When performing a Cash Account Update request, the Reserve Management Account Configuration attributes can only be input for TIPS Accounts, Pontes Dedicated Cash Wallet, T2S DCA and all RTGS and CLM accounts except RTGS sub-accounts, Overnight Deposit Accounts, Marginal Lending Accounts, CB ECB Accounts, ECB mirror accounts, DESP DCA and the Dedicated Transit Accounts in the different settlement services.
DCU1532	Submit button	No valid Transit Account found for the specified validity period	When performing a Cash Account Update request, the validity period of the Cash Account must be contained within the validity period of the relevant Transit Account.
DCU1534	Submit button	Transit Account already defined	When performing a Cash Account Update request, when updating the Opening/Closing Dates of an RTGS Dedicated Transit Account, T2S Dedicated Transit Account, TIPS Transit Account, any kind of DESP Transit Accounts or any kind of CLM Dedicated Transit Account,

Reference for error message	Field or Button	Error Text	Description
			Pontes Transit Account no other account of the same type must be already associated to the relevant currency over the same validity period.
DCU1556	Submit button	Party-Service Link for CLM not found or not valid	When performing a Cash Account Update request, Cash Accounts for CLM require an existing and active Party-Service Link to be in place between the Owner Party and CLM for the relevant validity period.
DCU1560	Submit button	Party Service Link for Pontes not found	When performing a Cash Account Update request, Cash Accounts for Pontes require an existing and active Party-Service Link to be in place between the Owner Party and Pontes for the relevant validity period.

1.26.1.1. Distinguished Name–BIC Routing – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DRD8001	Delete button Restore button	Requestor not allowed	DN-BIC Routing can be deleted or restored only by the Service Operator, NCBs, Ancillary Systems or Payment Banks. NCBs can delete or restore DN-BIC Routings within their own System Entities. Payment Banks and Ancillary Systems can delete or restore DN-BIC Routings that reference BICs authorised to act on their own accounts.
DRD8002	Delete button Status field	Unknown, deleted or open DN-BIC Routing	Deletion requests must refer to existing, active and closed DN-BIC Routings.
DRD8003	Restore button Status field	Unknown, active or open DN-BIC Routing	Restore requests must refer to existing, deleted and non-open DN-BIC Routings.

Reference for error message	Field or Button	Error Text	Description
DRD8004	▌Restore button ▌Distinguished Name field	Unknown, deleted or invalid Distinguished Name	In a restore request, the Distinguished Name Identifier must refer to an existing and active Certificate DN. For TIPS Accounts ~~and~~ ,TIPS CMBs, Pontes CB DCW, Pontes DCW and Pontes CMB it must be linked to at least one User of the Party owning the related Cash Account. For RTGS Accounts, it must refer to an existing and active Party Technical Address for the Party owning the related Cash Account.
[…]			

1.26.1.2. Distinguished Name–BIC Routing – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DRC8001	▌Submit button	Requestor not allowed	DN-BIC Routing can be created only by the Service Operator, NCBs, Ancillary Systems or Payment Banks. NCBs can create DN-BIC Routing for themselves or acting on behalf of their TIPS Participants or Ancillary Systems. Payment Banks and Ancillary Systems can create DN-BIC Routings that reference BICs authorised to act on their own accounts.
DRC8002	▌Distinguished Name field ▌Submit button	Unknown or invalid Distinguished Name	The Distinguished Name specified in input must refer to an existing and active Certificate DN. For TIPS Accounts, TIPS AS Technical Accounts ~~and~~ TIPS CMBs, Pontes CB DCW, Pontes DCW and Pontes CMBs it must be linked to at least one User of the Party owning the related Cash Account. For RTGS Accounts, it must refer to an existing and active Party Technical Address for the Party owning the related Cash Account.
[…]			
DRU8001	▌Submit button	Requestor not allowed	DN-BIC Routings can be updated only by the Service Operator, NCBs, Ancillary Systems or Payment Banks.

Reference for error message	Field or Button	Error Text	Description
			NCBs can update DN-BIC Routings within their own System Entities. Payment Banks and Ancillary Systems can update DN-BIC Routings that reference BICs authorised to act on their own accounts.
DRU8002	▌Submit button	Unknown or invalid DN-BIC Routing	The DN-BIC Routing to be updated must refer to an existing, active and non-closed instance.
DRU8003	▌Valid from field ▌Submit button	Valid From cannot be modified	The Valid From can be updated only if the current value is greater than the current business date.
DRU8004	▌Valid from field ▌Submit button	Valid From cannot be set to a past date or earlier than the related Authorised Account User	The modified Valid From must be equal to or later than the current business date and equal to or later than the Valid From of the Authorised Account User referencing the BIC.
DRU8005	▌Valid to field ▌Submit button	Valid To cannot be set to a past date, to a date before Valid From or later than the related Authorised Account User	The Valid To must be equal to or later than the current business date, equal to or later than the Valid From, and equal to or earlier than the Valid To of the Authorised Account User referencing the BIC.
DRU8006	▌Direction field ▌Submit button	DN-BIC already defined for this BIC, DN, Direction or Participation Type	At any given point in time, there cannot be more than one DN-BIC Routing for the same combination of BIC Mnemonic, Distinguished Name and Direction. Moreover, at any given point in time, there cannot be more than one DN-BIC Routing for the same combination of BIC Mnemonic, Distinguished Name, Participation Type and System Entity.
DRU8007	▌BIC field ▌Submit button	Outbound DN-BIC Routing already defined for this BIC	At any given point in time, there cannot be more than one Outbound DN-BIC Routing for the same BIC Mnemonic
DRU8008	▌Participation Type field ▌Submit button	DN-BIC Routing already defined for this BIC	At any given point in time, for every System Entity, there cannot be more than one DN-BIC Routing with Participation Type "Direct", "Multi Addressee – Branch of Direct Participant" or "Multi Addressee –

Reference for error message	Field or Button	Error Text	Description
			Credit Institution" referencing the same BIC Mnemonic.

4.3.2.47 Grant/Revoke System Privilege – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DRGP020	Submit button	TIPS, T2 and PONTES privileges can only be granted to Roles.	When performing a Grant Privilege request, privileges for the TIPS,PONTES, T2_CLM and T2_RTGS services can only be granted to Roles.

4.3.2.55 Limits – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DRD9001	Delete button	Requestor not allowed	When performing a request to delete a Limit, the requestor must be authorised to delete the requested data according to the following: A System Operator user can delete all data. A NCB user can delete only Limits for CMBs (T2S CMBs, ~~and~~ TIPS CMBs and PONTES CMBs) and RTGS Dedicated Cash Accounts belonging to its own System Entity. A Payment Bank user can delete only Limits for its own non-primary T2S CMBs, its own RTGS DCAs and TIPS CMBs linked to its own Cash Account. An Ancillary System user can delete or restore only Limits for TIPS CMBs linked to its own Cash Account.
DRD9065	Restore button	Unknown or invalid Cash Account	When performing a TIPS CMB Limit restore request, the Credit Memorandum Balance Identifier must refer to an existing and active Cash Account instance in CRDM with Account Type equal to TIPS CMB.

Reference for error message	Field or Button	Error Text	Description
DRD9067	Restore button	Unknown or invalid Cash Account	When performing a Pontes CMB Limit restore request, the Credit Memorandum Balance Identifier must refer to an existing and active Cash Account instance in CRDM with Account Type equal to Pontes CMB.
DRD9205	Valid From field Restore button	Valid From invalid	When performing a Limit restore request for an Autocollateralisation, External Guarantee, Unsecured Credit, Pontes CMB Limit or TIPS CMB Limit the Valid From date must be equal to or later than the current date.
DRD9232	Restore button	TIPS Limit already exists for the selected TIPS CMB	When performing a Limit Restore request for a Pontes CMB Limit, there can be no more than one active Limit for each Pontes CMB.

4.3.2.56 Limits – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DRC9001	Cash Account Number field Submit button	Requestor not allowed	When performing a request to create a Limit, the requestor must be authorised to create the requested data according to the following: A Service Operator user can create all data A NCB user can create only Limits for CMBs or Cash Accounts belonging to its own System Entity A Payment Bank user can create only Limits for its own non-primary T2S CMBs, its own RTGS Dedicated Cash Accounts and TIPS/PONTES CMBs linked to its own Cash Account
DRC9057	Submit button	Invalid BIC: it cannot use the specified Cash Account	When performing an autocollateralisation, external guarantee, unsecured credit, ~~or~~ TIPS CMB limit or PONTES CMB Limit create request, the BIC+BIC Branch Code specified must be authorised to use the Cash Account provided in input.
DRC9058	Limit Type field Submit button	Invalid Cash Account type	When performing a limit create request, if the limit type is TIPS CMB Limit then the Cash Account type must be TIPS Account; if the limit type is

Reference for error message	Field or Button	Error Text	Description
			PONTES CMB Limit then the Cash Account type must be PONTES Dedicated Cash Wallet; if the limit type is T2 Bilateral Limit or T2 Multilateral Limit then the Cash Account Type must be RTGS Dedicated Cash Account; if the limit type is autocollateralisation, external guarantee or unsecured credit the Cash Account type must be equal to T2S Dedicated Cash Account.
DRC9100	▌ Cash Account number Field ▌ To Account BIC Field ▌ Limit Type field ▌ Valid From field ▌ Submit button	Limit already defined	When performing a Limit create request, it must be verified that no Limit has already been defined for the BIC+BIC Branch Code (if present), Cash Account, Valid From, Limit Type and To Account BIC provided in input.
DRC9234	▌ Valid From field ▌ Submit button	PONTES Limit must have immediate validity	When performing a Limit Create request for a PONTES CMB Limit, the Valid From must be within two minutes of the current timestamp.
DRC9235	▌ Submit button	PONTES Limit already exists for the selected PONTES CMB	When performing a Limit Create request for a PONTES CMB Limit, there can be no more than one active Limit for each PONTES CMB.
DRC9236	▌ Submit button	PONTES Limit Amount must be aligned	When performing a Limit Create request for a PONTES CMB Limit, if the PONTES Limit Amount is not aligned the only possible operation is to align the value in CRDM.
DRC9800	▌ Limit Amount field ▌ Submit button	Invalid number of decimals	When performing a Limit Create request, the number of decimals in the value provided for Limit Amount must be compliant with the number of decimals foreseen for the relevant currency.
DRU9001	▌ Submit button	Requestor not allowed	When performing a request to update a Limit, the requestor must be authorised to update the requested data according to the following: A Service Operator user can update all data

Reference for error message	Field or Button	Error Text	Description
			A NCB user can update only Limits for CMBs (T2S CMBs, ~~and~~ TIPS CMBs and PONTES CMBs) and RTGS Dedicated Cash Accounts belonging to its own System Entity A Payment Bank user can update only Limits for its own non-primary T2S CMBs, its own RTGS DCAs, ~~and~~ TIPS CMBs and PONTES CMBs linked to its own Cash Accounts
DRU9003	▌Submit button	Data to be updated not found	The update requests of a Limit must refer to an existing and active instance.
DRU9234	▌Submit button	PONTES Limit Amount must be aligned	When performing a Limit Update request for a PONTES CMB Limit, if the PONTES Limit Amount is not aligned the only possible operation is to align the value in CRDM.
DRU9100	▌Limit Amount field ▌Submit button	Invalid number of decimals	When performing a Limit Update request, the number of decimals in the value provided for Limit Amount must be compliant with the number of decimals foreseen for the relevant currency.

4.3.2.72 Party Service Link – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DPD4006	▌Service field ▌Submit button	Validity period overlaps with duplicate Party-Service Link entry	At any given point in time, there cannot be more than one Party-Service Link for TIPS, ~~or~~ DESP or PONTES for the same Party. For PONTES, for currencies different from EURO, Central Banks can be defined both as PONTES Transit Account Holders and PONTES Central Banks.
DPD4007	▌Party BIC field ▌Restore button	Party-Service Link already defined for this Party BIC	At any given point in time, there cannot be more than one Party-Service Link for TIPS, DESP, PONTES, ECONSII, T2_CLM or T2_RTGS for multiple Parties with the same Party BIC.

Reference for error message	Field or Button	Error Text	Description
			Moreover, different Parties with the same BIC cannot be linked at the same time to T2_CLM and T2_RTGS.

4.3.2.71 Party – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DPC1230	▌ Valid From field ▌ Submit button	TIPS or DESP, or PONTES blocking can only have immediate effect	When performing a Party Create request including a Party Restriction related to TIPS or DESP, or PONTES, the Valid From must take the conventional value representing the current timestamp and the Valid To cannot be set.
DPU1230	▌ Valid From field ▌ Submit button	TIPS or DESP, or PONTES blocking can only have immediate effect	When performing a Party Update request including the creation of a Party Restriction related to TIPS or DESP, or PONTES, the Valid From must take the conventional value representing the current timestamp and the Valid To cannot be set.
DPU1231	▌ Valid To field ▌ Submit button	TIPS or DESP, or PONTES unblocking can only have immediate effect	When performing a Party Update request including the update of a Party Restriction related to TIPS or DESP, or PONTES, the Valid To must take the conventional value representing the current timestamp.
DPU1233	▌ Submit button	TIPS ~~or~~ DESP, or PONTES blocking/unblocking cannot be performed via A2A	When performing a Party Update request including Party Restrictions related to TIPS or DESP, or PONTES, the changes can only be performed via U2A.

4.3.2.73 Party Service Link – Details Screen

Reference for error message	Field or Button	Error Text	Description
DPD4006	▌ Service field ▌ Submit button	Validity period overlaps with duplicate Party-Service Link entry	At any given point in time, there cannot be more than one Party-Service Link for TIPS, ~~or~~ DESP or PONTES for the same Party. For PONTES, for currencies different from

Reference for error message	Field or Button	Error Text	Description
			EURO, Central Banks can be defined both as PONTES Transit Account Holders and PONTES Central Banks.
DPD4007	▌Party BIC field ▌Restore button	Party-Service Link already defined for this Party BIC	At any given point in time, there cannot be more than one Party-Service Link for TIPS, DESP, PONTES, ECONSII, T2_CLM or T2_RTGS for multiple Parties with the same Party BIC. Moreover, different Parties with the same BIC cannot be linked at the same time to T2_CLM and T2_RTGS.

4.3.2.74 Party Service Link – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DPC4006	▌Party type for service field ▌Submit button	The Service Party Type must be consistent with the linked Party Type	The Service Party Type must be consistent with the linked Party Type.
DPC4007	▌Party type for service field ▌Submit button	Service Party Type must be consistent with the linked Service	The Service Party Type must be consistent with the linked Service.
DPC4008	▌Opening Date field ▌Closing Date field ▌Submit button	Validity period overlaps with duplicate Party-Service Link entry	At any given point in time, there cannot be more than one Party-Service Link for TIPS, ~~or~~ DESP or PONTES for the same Party. For PONTES, for currencies different from EURO, Central Banks can be defined both as PONTES Transit Account Holders and PONTES Central Banks.

Reference for error message	Field or Button	Error Text	Description
DPC4009	▌Party BIC field ▌Submit button	Party-Service Link already defined for this Party BIC	At any given point in time, there cannot be more than one Party-Service Link for TIPS, DESP, ECONSII, PONTES, T2_CLM or T2_RTGS for multiple Parties with the same Party BIC. Moreover, different Parties with the same BIC cannot be linked at the same time to T2_CLM and T2_RTGS.
DPC4018	▌Submit button ▌Ancillary System Sub-Type	Invalid use of AS Sub-type	Ancillary System Sub-Type is mandatory when the Service is T2_RTGS and the Service party Type is Ancillary System. It is not allowed otherwise
DPU4006	▌Submit button	Validity period overlaps with duplicate Party-Service Link entry	At any given point in time, there cannot be more than one Party-Service Link for TIPS, ~~or~~ DESP, or PONTES for the same Party. For PONTES, for currencies different from EURO, Central Banks can be defined both as PONTES Transit Account Holders and PONTES Central Banks.
DPU4007	▌Closing Date field ▌Submit button	Party-Service Link cannot be closed due to a priority constraint	The Valid to must be equal to or greater than the Closing Date of every Cash Account owned by the linked Party for the relevant linked Service and the Valid To of every Direct Debit Mandate for the linked Party defined as payee.
DPU4008	▌Party BIC field ▌Submit button	Party-Service Link already defined for this Party BIC	At any given point in time, there cannot be more than one Party-Service Link for TIPS, DESP, ECONSII, PONTES, T2_CLM or T2_RTGS for multiple Parties with the same Party BIC. Moreover, different Parties with the same BIC cannot be linked at the same time to T2_CLM and T2_RTGS
DPC4017	▌Submit button ▌Ancillary System Sub-Type	Invalid use of AS Sub-type	Ancillary System Sub-Type is only allowed when the Service is T2_RTGS and the Service party Type is Ancillary System.

Reference for error message	Field or Button	Error Text	Description
			It is not allowed otherwise

4.3.2.76 Report Configuration – Search/List Screen

Reference for error message	Field or Button	Error Text	Description
DRDV007	▌Report Name field ▌Restore button	Unknown Report Name	When performing a Report Configuration restore request, the Report Name specified must refer to an existing and active Attribute Domain Name of an Attribute Domain instance.
DRDV110	▌Delta Mode field ▌Restore button	Report not available in Delta mode	When performing a Report Configuration restore request, if the Delta flag is set to TRUE, the Report must be defined as available in Delta mode in the related Attribute Domain.

4.3.2.77 Report Configuration – Details Screen

Reference for error message	Field or Button	Error Text	Description
DRDV007	▌Report Name field ▌Restore button	Unknown Report Name	When performing a Report Configuration restore request, the Report Name specified must refer to an existing and active Attribute Domain Name of an Attribute Domain instance.
DRDV110	▌Delta Mode field ▌Restore button	Report not available in Delta mode	When performing a Report Configuration restore request, if the Delta flag is set to TRUE, the Report must be defined as available in Delta mode in the related Attribute Domain.

4.3.2.78 Report Configuration – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DRCV009	▌Report Name field ▌Submit button	Unknown Report Name	When performing a Report Configuration creation request, the Report Name specified must refer to an existing and active Attribute Value

Reference for error message	Field or Button	Error Text	Description
			of the relevant Attribute Domain instance.
DRCV110	▌Report Name field ▌Submit button	Invalid Party for TIPS reports.	When performing a Report Configuration creation request, if a TIPS or PONTES Report is selected as Report Name, the Opting Party must be equal to the Owner Party. Furthermore the Party Type must be Payment Bank or Central Bank.
DRCV120	▌Report Name field ▌Submit button	Invalid fields for TIPS reports.	When performing a Report Configuration creation request, if a TIPS or PONTES Report is selected as Report Name, the System Entity Wide flag must be set to FALSE and the Push flag to TRUE. Furthermore the Execution Time, Event Type and Currency fields must not be used.
DRCV140	▌Delta Mode field ▌Submit button	Report not available in Delta mode	When performing a Report Configuration creation request, if the Delta flag is set to TRUE, the Report must be defined as available in Delta mode in the related Attribute Domain.
DRUV110	▌Report Name field ▌Opting Parent BIC field ▌Opting Party BIC field ▌Submit button	Invalid Party for TIPS reports.	When performing a Report Configuration update request, if it refers to a TIPS or PONTES Report, the Opting Party must be equal to the Owner Party. Furthermore the Party Type must be Payment Bank or a Central Bank.
DRUV120	▌Report Name field ▌Push Mode field ▌Submit button	Invalid fields for TIPS reports.	When performing a Report Configuration update request, if it refers to a TIPS or PONTES Report, the Push Mode flag must be set to TRUE. Furthermore the Execution Time, Event Type and Currency fields must not be used.

4.3.2.103 Standing/Predefined Liquidity Transfer Order – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
DCC4069	▌ Submit button	Invalid Debited Cash Account	When performing a Rule-Based Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type TIPS DCA, Pontes DCW, RTGS DCA, RTGS Central Bank Account, MCA or CLM Central Bank Account.
DCC4070	▌ Debited Cash Account Number field ▌ Submit button	Invalid Debited Cash Account	When performing a Standing Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type RTGS DCA, RTGS Central Bank Account, MCA, CLM Central Bank Account, T2S Dedicated Cash Account or T2S Central Bank Account
DCC4078	▌ Order Type field ▌ Creditor Cash Account Number field ▌ Submit button	Invalid Creditor Cash Account	When performing a Rule Based Liquidity Transfer Order Create request, the specified Creditor Account must be a Cash Account and it must refer to an existing, active and open instance in CRDM with cash account type TIPS DCA, Pontes DCW, RTGS DCA, RTGS Central Bank Account, MCA, T2S Central Bank Account or CLM Central Bank Account. If the creditor account is a T2S Central Bank Account the order type must be Rule-Based zero floor and the debited account must be a CLM Central Bank Account. If the debited account is an RTGS DCA, the creditor account cannot be another RTGS DCA. If a TIPS DCA or a Pontes DCW is involved, the other account must be a Main Cash Account. Furthermore, when the Creditor Account is a Cash Account, it must

Reference for error message	Field or Button	Error Text	Description
			have the same currency as the debited Cash Account.
DCC4079	▌ Creditor Cash Account Number field ▌ Submit button	Invalid Creditor Cash Account	When performing a Standing or Predefined Liquidity Transfer Order Create request, when the specified Creditor Account is a Cash Account, it must refer to an existing, active and open instance in CRDM with cash account type RTGS DCA, RTGS Sub-Account, RTGS Central Bank Account, Ancillary System Technical Account, TIPS Account, Pontes DCW, MCA, Overnight Deposit Account, CLM Central Bank Account, T2S Dedicated Cash Account or T2S Central Bank Account. Furthermore, when the Creditor Account is a Cash Account, it must have the same currency as the debited Cash Account.

High level description of Impact:

Impacts on other projects and products:

Outcome/Decisions:

EUROSYSTEM ANALYSIS – GENERAL INFORMATION

			Process	User Interaction	Business Data Definition	Non-functional Requirements
CENTRAL LIQIDITY MANAGEMENT (CLM)	GENERAL	CLM Payment Order				
		CLM Liquidity Transfer Order	X	X	X	
		CLM Liquidity Reservation				
	CENTRAL BANK SERVICES	Modify Credit Line				
		Connected Payments				
		Overnight Deposit				
		Marginal Lending				
		Minimum Reserve Management			X	
		EoD General Ledger Files	X	X	X	
REAL-TIME GROSS SETTLEMENT (RTGS)	GENERAL	RTGS Payment Order				
		Queue Management				
		RTGS Liquidity Transfer Order	X	X	X	
		RTGS Liquidity Reservation				
		RTGS Services for Ancillary Systems (AS)				
	CB SER-VICES					
COMMON	GENRAL	ESMIG				
		CRDM	X	X		

		Business Day	X			
		User Roles and Access				
		Information and Reporting				
		Data Warehouse Services	X	X	X	
	CENTRAL BANK SERVICES	Billing				
		Legal Archiving	X			
		Contingency Settlement				

Impact on major documentation		
Document	**Chapter**	**Change**
Impacted UDFS chapter	**CLM**	
	Introduction	Pontes needs to be mentioned along with DESP, TIPS and T2S.
	1 Overview of CLM	Pontes/Pontes DCWs need to be mentioned along with TIPS/TIPS accounts and T2S/T2S DCAs.
	3.2 Accounts structure and functionalities 3.2.1 Account Types	Subsection: CLM dedicated transit account CLM dedicated transit account for Pontes and Pontes as settlement service need to be added.
	3.2.3. Functionalities	Subsection: Co-Management Pontes needs to be added as settlement service in case the co-manager is querying MR information of the co-managee
	3.2.2 Reference data for accounts used by CLM	Subsection: Standing order liquidity transfer order Pontes needs to be mentioned
	3.3 Static data configuration for minimum reserve management and interest calculation (EUR only)	Pontes DCWs and Pontes CB Wallets and Pontes as settlement service need to be added.
	3.4 Types of groups	Subsection: Banking Group Pontes as settlement service needs to be added. Subsection: Account Monitoring Group Pontes DCWs and Pontes CB Wallets and Pontes as settlement service need to be added.
	5.4.2 Liquidity transfer 5.4.2.1 Overview	Pontes DCWs and Pontes CB Wallets need to be added
	5.4.2.3.1 Immediate inter-service liquidity transfer from a CLM (CB) Account to a	Pontes DCWs and Pontes CB Wallets need to be added

	dedicated account in a different settlement service	
	5.4.2.3.3 Immediate inter-service liquidity transfer between two dedicated accounts in different settlement services	Pontes DCWs and Pontes CB Wallets need to be added
	5.5 Minimum reserve management and interest calculation (EUR only) 5.5.1 Overview	Subsection: Direct holding of minimum reserves All specific kinds of DCAs, TIPS accounts and Pontes DCWs Wallets need to be added Subsection: Holding of minimum reserves in a pool of reserve accounts For phrase 'cash accounts' it needs to be added 'Pontes' in brackets (on 2 places).
	5.5.2 Collection of EoD balances	'Pontes DCWs' needs to be added.
	5.6 Standing facilities management (EUR only) 5.6.3 Automatic marginal lending 5.6.3.1 Overview	It needs to be added Pontes DCWs for the calculated aggregated balance. It needs to be added Pontes in brackets related to phrase 'other settlement services'.
	5.11 Cash Transfer Category and Business Case Codes for various features	Reflect Pontes in table 54 – business case description and in related footnotes
	6.4 Legal Archiving 6.4.2 General features of Legal Archiving	Pontes needs to be added for camt.050/camt.025 exchange.
	8.5 TARGET Services general ledgers 8.5.1 Collection of general ledger data and sending to CBs by CLM	It needs to be added Pontes in brackets to phrase 'from settlement services others than CLM'
	8.5.2 Content of TARGET Services general ledgers	Dedicated transit account in Pontes, Pontes DCWs and Pontes CB Wallets as well as Pontes as settlement service need to be added in the table
	12.2.1.1 Overview and scope of the message 12.2.1.3 The message in business context	Addition of Pontes as a service (camt.003)
	12.2.2.3 The message in business context	Addition of Pontes as a service (camt.004)
	13.1.2.1 Overview and scope of the message 13.1.2.3 The message in business context	Addition of Pontes as a service (camt.053_GL)
	RTGS 1 Overview of RTGS	Pontes needs to be mentioned along with TIPS and T2S.
	5.4 Ancillary system settlement 5.4.1 Overview	Subsection: Account types for ancillary systems Pontes DCW needs to be mentioned along with T2S/TIPS DCA
	5.5.2 Liquidity transfer	

	5.5.2.1 Overview	Pontes needs to be added as counterpart cash account (on 2 places) in table 69 Pontes DCW and Pontes CB Wallets need to be added
	5.5.2.3.3 Immediate inter-service liquidity transfer from an RTGS account to a T2S DCA, a T2S CB Account or a TIPS Account	Note that an inter-service LT is not possible from an RTGS sub-account to a Pontes DCW or Pontes CB wallet Pontes needs to be added in existing note below figure 41
	5.5.2.3.4 Immediate inter-service liquidity transfer from a T2S DCA, a T2S CB Account or a TIPS Account to an RTGS account	New section for PONTES DirectoryPontes DCW and Pontes CB Wallets need to be added Note that an inter-service LT is not possible from a Pontes DCW or Pontes CB wallet to an RTGS sub-account Pontes needs to be added in existing note below figure 42 Subsection: Used messages Pontes DCW and Pontes CB Wallets need to be added DMT updates for PONTES report Configuration and party Introduction of PONTES Service and reference data for PONTES, including Data Propagation.
	CRDM: Reader's guide 1.2.2.1.2 Privilege 1.2.2.2.2 Configuration of privileges 1.2.2.4 Access rights configuration process 1.2.2.4.1 Configuration of access rights at party level 1.2.2.4.2 Configuration of access rights at user level 1.3.2.2 Description of the component 1.3.3.3 Description of the entities 1.4 CRDM Features 1.4.3.8 Common reference data propagation	
	1.4.7 PONTES directory1.5 Interactions with other services	Introduction of limit type for Pontes CMB Limit
	3.1.1.5 GetLimit (camt.009) 3.1.1.6 ReturnLimit (camt.010) 3.1.1.7 ModifyLimit (camt.011) 3.1.1.8 DeleteLimit (camt.012) 3.1.2.3 AccountOpeningRequest (acmt.007) 3.1.2.6 AccountExcludedMandateMaintenance Request (acmt.015) 4.5.3.1 Party reference data	Introduction of the new account types for field:
	4.5.3.26 Report Configuration4.5.3.34 Cash Account 4.5.3.35 Limit 4.5.3.37 Party Service Link	Update to Data Migration Tool format files for PONTES Updates to A2A business rules

	5.1 Business Rules	
Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates)	CLM MyStandards camt.003 camt.004 camt.053_GL **CRDM:** acmt.025 acmt.026 acmt.007 camt.009 camt.010 camt.011 camt.012 reda.015 reda.017 reda.019 reda.021	For the exact wording see described changes above. Introduction of the new account types for field: acmt.025: Document/AcctQryList/AcctSchCrit/Tp/Prtry acmt.026: Document/AcctListRpt/RptOrErr/AcctRpt/Acct/Tp/Prtry acmt.007: Document/AcctOpngReq/Acct/Tp/Prtry Introduction of limit type for Pontes CMB Limit (camt.009, camt.010, camt.011, camt.012) Introduction of new party type for reda.015
UHB	**CLM UHB** 1 Introduction 4.2.3.1 Content Area 5.1.1 Cash Transfers – Query Screen 5.1.2 Cash Transfers- List Screen 5.1.10 (new chapter to be added after chapter 5.1.9 Cash Transfers – Manual Reversal Booking DESP – Pop-up) 5.1.14 Messages – Query Screen 5.1.15 Messages – List Screen 5.1.21 (new chapter to be added after chapter 5.1.20 Messages – Simulate Receipt DESP – Pop-up) 5.2.1 Dashboard Liquidity Overview – Query Screen 5.2.2 Dashboard Liquidity Overview Account Selection Grouped by Countries – Display Screen	Pontes needs to be mentioned as sender and receiver of funds from CLM. Subsection Response Notification Box: Pontes needs to be mentioned in case of error notification. 'CLM Dedicated Transit Account For Pontes', 'Pontes Transit Account', 'Pontes CB Wallet' and 'Pontes DCW' need to be mentioned as new account type. The new context menus 'Reverse Booking Pontes' and 'Simulate Positive Receipt Pontes' need to be added. A new chapter needs to be added for 'Cash Transfers – Manual Reversal Booking Pontes – Pop-up'. + screenshot update The new value 'Pontes' needs to be added for field 'Message Origin/Destination'. The new context menu 'Simulate Receipt Pontes' needs to be added. A new chapter needs to be added for 'Messages – Simulate Receipt Pontes – Pop-up'. + screenshot update The new field 'Pontes DCWs' needs to be added. + screenshot update The new section 'Dashboard Liquidity Overview Account Selection Grouped By Countries – Display Screen – Results- (Country Code) – Liquidity Information Pontes' including current

		balances on Pontes DCWs and Pontes CB Wallets needs to be added. + screenshot update For the description of the rows 'Liquidity in (Country Code)', 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'.
	5.2.3 Dashboard Liquidity Overview Account Selection Grouped by Parties – Display Screen	The new section 'Dashboard Liquidity Overview Account Selection Grouped By Parties – Display Screen – Results- Liquidity Information Pontes' including current balances on Pontes DCWs and Pontes CB Wallets needs to be added. + screenshot update For the description of the rows 'Liquidity in (Party)', 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'.
	5.2.4 Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen	The new section 'Dashboard Liquidity Overview Account Selection Grouped By Services – Display Screen – Results- Liquidity Information Pontes' including current balances on Pontes DCWs and Pontes CB Wallets needs to be added. + screenshot update The new row 'Liquidity in Pontes' needs to be added in section 'Dashboard Liquidity Overview Account Selection grouped by Services – Display Screen – Results – Aggregated View'. For the description of the rows 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'.
	5.2.5 Dashboard Liquidity Overview Account Selection List View – Display Screen	For the columns 'Service', 'Projected Liquidity Overall', 'Liquidity Overall' it needs to be added 'Pontes'. Moreover, 'Pontes balances' needs to be added in the column description 'Liquidity Overall'. A new columns 'Pontes Balance' needs to be added. + screenshot update
	5.2.6 Dashboard Liquidity Overview AMG Selection Grouped by Countries – Display Screen	The new section 'Dashboard Liquidity Overview AMG Selection Grouped By Countries – Display Screen – Results- (Country Code) - Liquidity Information Pontes' including current balances on Pontes DCWs needs to be added. + screenshot update For the description of the rows 'Liquidity in (Country)', 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'.
	5.2.7 Dashboard Liquidity Overview AMG Selection Grouped by Parties – Display Screen	The new section 'Dashboard Liquidity Overview AMG Selection Grouped By Parties – Display Screen – Results- (Party BIC) - Liquidity Information Pontes' including current balances on Pontes DCWs needs to be added. + screenshot update For the description of the rows 'Liquidity in (Party BIC)', 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'.
	5.2.8 Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen	The new section 'Dashboard Liquidity Overview AMG Selection Grouped By Services – Display

		Screen – Results- Liquidity Information Pontes' including current balances on Pontes DCWs needs to be added. + screenshot update The new row 'Liquidity in Pontes' needs to be added in section 'Dashboard Liquidity Overview AMG Selection grouped by Services – Display Screen – Results – Aggregated View'. For the description of the rows, 'Liquidity Overall' and 'Current Liquidity Overall' it needs to be added 'Pontes'. A new row for 'Liquidity in Pontes' must be added.
	5.2.9 Dashboard Liquidity Overview AMG Selection List View – Display Screen	For the columns 'Service', 'Projected Liquidity Overall' and 'Liquidity Overall' it needs to be added 'Pontes'. A new column 'Pontes DCW Balance' needs to be added. + screenshot update
	5.2.10 Available Liquidity on Banking Group Level – List Screen	For the columns 'Projected Liquidity Overall', 'Liquidity Overall' it needs to be added Pontes. The new column 'Pontes Balances' considering balances of Pontes DCWs needs to be added. + screenshot update
	5.2.11 Detailed Available Liquidity on Banking Group Level – List Screen	For the columns 'Projected Liquidity Overall', 'Liquidity Overall' it needs to be added Pontes. The new column 'Pontes Balances' needs to be added. + screenshot update
	5.5.2 Minimum Reserve (Direct) – List Screen	'Pontes' needs to be added in the description of the field 'Current Balance'. A new column 'Pontes Blocked Cash Balance' must be introduced and description of field 'EoD Balance Subject to Minimum Reserve Calculation' must consider 'Pontes Blocked Cash Balance'. + screenshot update 'Pontes' needs to be added in the description of the field 'Total Current Balance'.
	5.5.4 Minimum Reserve (Pool) – List Screen	A new column 'Pontes Blocked Cash Balance' must be introduced and description of field 'EoD Balance Subject to Minimum Reserve Calculation' must consider 'Pontes Blocked Cash Balance'. The new column 'Balances of Pontes DCWs' needs to be added. + screenshot update 'Pontes' needs to be added in the description of the field 'Current Balance'.
	5.5.5 Minimum Reserve (Pool of Account Party Level) – List Screen	A new column 'Pontes Blocked Cash Balance' must be introduced and description of field 'EoD Balance Subject to Minimum Reserve Calculation' must consider 'Pontes Blocked Cash Balance'. + screenshot update
	5.6.3 Cash Account Reference Data – Query Screen	The values 'CLM Dedicated Transit Account for Pontes', 'Pontes Transit Account', 'Pontes CB

		Wallet', 'Pontes DCW' and 'Pontes Transit Account' need to be added.
	5.6.4 Cash Account Reference Data – List Screen	'Pontes' needs to be added for the column 'Blocking Status'. For the description below table 221 'Pontes Transit Account', 'Pontes CB Wallet' and 'Pontes DCW' need to be added. + screenshot update
	5.7.4 Task Queue – Details Screen	For the descriptions of the task types in 'Overview Task' section 'Manual Reversal Booking' the link for the Manual Reversal Booking Popup Pontes needs to be added. For the descriptions of the task types in 'Overview Task' section 'Simulate Negative Receipt Pull LT' the link for the Simulate Receipt Pontes Popup needs to be added. For the descriptions of the task types in 'Overview Task' section 'Simulate Positive Receipt Pull LT' the link for the Simulate Receipt Pontes Popup needs to be added. For the descriptions of the task types in ''Edit' Button Pop-up' section 'Manual Reversal Booking', Simulate Negative Receipt Pull LT' and 'Simulate Positive Receipt Pull LT' the links for Pontes need to be added. For the descriptions of the task types in 'Edit' Button Pop-up' section 'Simulate Negative Receipt Pull LT' the link for the Simulate Receipt Pontes Popup needs to be added. For the descriptions of the task types in 'Edit' Button Pop-up' section 'Simulate Positive Receipt Pull LT' the link for the Simulate Receipt Pontes Popup needs to be added.
	5.7.11 General System Parameter – List Screen	In the subsection 'Field Descriptions' for the field 'System Parameter' it needs to be added 'Pontes Simulator Active Flag' and 'Pontes Date of Golive'. Moreover, it needs to be added that Pontes simulator is only available for testing environments (within the given note). + screenshot update
	5.8.1 Liquidity on CB Level – Display Screen	In the section 'Context of Usage' it needs to be added 'Pontes DCWs', 'Pontes CB Wallets' and 'Pontes'. It needs to be added the new section 'Liquidity Information Pontes'. It needs to be added 'Pontes' in the descriptions of the rows 'Liquidity Overall' and 'Current Balances Overall'.
	5.8.7 Available Liquidity by Party – Query Screen	The value 'Pontes Balances' needs to be added for field 'Sort By'.
	5.8.8 Available Liquidity by Party – List Screen	'Pontes' needs to be added in the upper part of section 'Context of Usage', 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account' in the lower part. + screenshot update

	5.8.9 Available Liquidity by Account – List Screen	For the columns 'Projected Liquidity Overall', 'Liquidity Overall' and 'Sum of Current Balances' it needs to be added 'Pontes'. The new column 'Pontes Account Balances' considering Pontes DCW balances and Pontes CB Wallets needs to be added. In the section 'Context of Usage' it needs to be added 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account'. + screenshot update 'Pontes' needs to be added in the description of column 'Projected Liquidity' and 'Liquidity Overall'.
	5.8.16 Minimum Reserve Information per Account Holder – List Screen	The new column 'Pontes Account Balance' needs to be added.
	6.1.6 Manual reverse booking	'Pontes' needs to be added in the description of the column 'Current Balance'. In the section 'Context of Usage' it needs to be added 'Pontes' multiple times. In the section 'References' a pop-up for Pontes needs to be added. In the section 'Instructions' it needs to be added 'Pontes' multiple times.
	6.1.10 Simulate receipt	In the section 'Context of Usage' it needs to be added 'Pontes'. In the section 'References' a pop-up for Pontes needs to be added. In the section 'Instructions' it needs to be added 'Pontes' multiple times.
	6.1.11 Simulate a positive receipt	In the section 'Context of Usage' it needs to be added 'Pontes'. In the section 'Instructions' it needs to be added 'Pontes.
	6.1.16 Repeat sending	In the section 'Context of Usage' it needs to be added 'Pontes'. In the section 'Context of Usage' it needs to be added 'Pontes DCW'. The requirements must be extended with the display of the Pontes blocked cash balances.
	6.5.1 Display minimum reserve requirement and fulfilments per MFI	The requirements must be extended with the display of the Pontes blocked cash balances. In the section 'Context of Usage' it needs to be added 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account'. In the section 'Context of Usage' it needs to be added 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account'.
	6.5.3 Display aggregated MFI liquidity	Amendemnts for PONTES report types New screen for PONTES directory
	6.8.3 Available liquidity on party level	
	6.8.3 Available liquidity per account holder	
	6.8.7 Display aggregated liquidity	
	7.1.26 Cash Transfers – List Screen	

	7.1.32 (new chapter to be added after chapter 7.1.31 Cash Transfers – Manual Reversal Booking DESP – Pop-up)	In the section 'Instructions' it needs to be added 'Pontes'.
	7.1.55 Liquidity Transfer – New Screen	For errors 'E018', 'E074', 'U039', 'U040', 'U041', 'U044', 'U091', 'U093', 'U109' it needs to be added for 'Field or button' the context menu entry 'Simulate Positive Receipt Pontes'.
	7.1.63 (new chapter to be added after chapter 7.1.62 Messages – Simulate Receipt DESP – Pop-up)	A new chapter needs to be added for 'Cash Transfers – Manual Reversal Booking Pontes – Pop-up' containing the error codes E018, E074, U039, U040, U041, U044, U091, U093 and U109. For error 'U021', 'it needs to be added for 'Description' the values 'Pontes DCW' and 'Pontes CB Wallet'. For errors 'U024' and 'U025' 'it needs to be added for 'Description' the value 'CLM dedicated transit account for Pontes'. For error 'U027', 'it needs to be added for 'Description' the values 'Pontes DCW' and 'Pontes CB Wallet'.
	RTGS UHB 4.2.3.1 Notification Area	A new chapter needs to be added for 'Messages – Simulate Receipt Pontes – Pop-up' containing the error codes E018, E074, U039, U040, U041, U044, U091, U093, U094, U095, U096 and U109.
	5.1.1 Cash Transfers – Query Screen	Pontes needs to be added in the description of the Response Notification Box as this is a generic part of the CLM and RTGS UHB.
	5.1.2 Cash Transfers - List Screen	'Pontes Transit Account', 'Pontes CB Wallet' and 'Pontes DCW' need to be mentioned as new account types.
	5.1.10 (new chapter to be added after chapter 5.1.9 Cash Transfers – Manual Reversal Booking CLM – Pop-up)	The new context menus 'Reverse Booking Pontes' and 'Simulate Positive Receipt Pontes' need to be added.
	5.5.6 Cash Account Reference Data – Query Screen	A new chapter needs to be added for 'Cash Transfers – Manual Reversal Booking Pontes – Pop-up'. + screenshot
	5.5.7 Cash Account Reference Data – List Screen 5.6.3 Task Queue – Details Screen	The values 'CLM Dedicated Transit Account for Pontes', 'Pontes Transit Account', Pontes DCW', 'Pontes CB Wallet' and 'Pontes Transit Account' needs to be added. 'Pontes' need to be added for the column 'Blocking Status' in table 379
	6.1.6 Manual reverse booking	For the descriptions of the task types in 'Overview Task' section 'Manual Reversal Booking' the link for the Manual Reversal Booking Pontes Popup needs to be added. For the descriptions of the task types in ''Edit' Button Pop-up' section 'Manual Reversal

		Booking' the link for the Manual Reversal Booking Pontes Popup needs to be added.
	6.1.11 Simulate a positive receipt	In the section 'Context of Usage' it needs to be added 'Pontes' and the respective Pontes account types multiple times. In the section 'References' a pop-up for Pontes needs to be linked. In the section 'Instructions' it needs to be added 'Pontes' multiple times.
	7.1.34 Cash Transfers – List Screen	In the section 'Context of Usage' it needs to be added 'Pontes'. In the section 'Instructions' it needs to be added 'Pontes'.
	7.1.39 (new chapter to be added after chapter 7.1.38 Cash Transfers – Manual Reversal Booking TIPS – Pop-up)	For errors 'E018', 'E074', 'U039', 'U040', 'U041', 'U044', 'U091', 'U093', 'U109' it needs to be added for 'Field or button' the context menu entry 'Simulate Positive Receipt Pontes'.
	7.1.56 Liquidity Transfer – New Screen	A new chapter needs to be added for 'Cash Transfers – Manual Reversal Booking Pontes – Pop-up' containing the error codes E018, E074, U039, U040, U041, U044, U091, U093 and U109.
	DWH UHB:	For error 'U027', 'it needs to be added for 'Description' the values 'Pontes DCW' and 'Pontes CB Wallet'.
	CRDM UHB 2.3.1.2 Party – Details Screen 2.3.1.3 Party – New/Edit Screen	Add PONTES as service for all relevant reports
	2.3.1.6 Party Service Link – Search/List Screen 2.3.1.8 Party Service Link – New/Edit Screen	Add PONTES party types for all relevant Reports
	2.3.2.1 Cash Accounts – Search/List Screen 2.3.2.2 Cash Account – Details Screen 2.3.2.3 Cash Account – New/Edit Screen	
	2.3.2.4 Limits – Search/List Screen 2.3.2.5 Limit – New/Edit Screen	Introduction of Pontes Restriction types for Parties
	2.3.2.7 Authorised Account User – New/Edit Screen	Introduction of Pontes Service and Pontes Service Party Type
	2.3.4.5 Report Configuration – Search/List Screen	
	2.3.4.6 Report Configuration – Details Screen 2.3.4.7 Report Configuration – New/Edit Screen	Introduction of Account types for Pontes and Pontes restriction types
	2.3.1.11 PONTES Directory – Search/List Screen	Introduction of the possibility to create Pontes CMB Limit Introduction of the possibility to create Authorised Account Users for Pontes accounts
	2.4.1.3 Account Monitoring Group – New/Edit Screen	Introduction of the possibility to insert Pontes DCW in account monitoring Group
	3.9.1.9 Change the Limit of a Payment Bank	Modification of use case scenario for limits
	4.3.2.5 Account Monitoring Group – New/Edit Screen	Amendment of business rules DRCJ007, DRUJ008
	4.3.2.11 Authorised Account User – Search/List Screen	Amendment of business rules DCD2001, DCD2006, DCD2007

	4.3.2.12 Authorised Account User – New/Edit Screen	Amendment of business rules DCC2001, DCC2006, DCC2007, DCC2008, DCU2001, DCU2006, DCU2007,
	4.3.2.23 Cash Accounts – Search/List Screen 4.3.2.24 Cash Accounts – Details Screen 4.3.2.25 Cash Accounts – New/Edit Screen	Amendment of business rules Insertion of business rules Amendment of business rules DCC1230, DCC1420, DCC1430, DCC1536, DCU1210, DCU1260, DCU1261, DCU1263, DCU1313, DCU1420, DCU1430, DCU1534 and introduction of business rules DCC1537, DCC1538 and DCU1559
	4.3.2.47 Grant/Revoke System Privilege – New/Edit Screen	Amendment of business rule DRGP020
	4.3.2.55 Limits – Search/List Screen	Amendment of business rules DRD9001, DRD9065, DRD9205 and introduction of business rules DRD9067 and DRD9232.
	4.3.2.56 Limits – New/Edit Screen 4.3.2.71 Party – New/Edit Screen	Amendment business rules DRC9001, DRC9057, DRC9058, DRC9100, DRC9800, DRU9001, DRU9003, DRU9100 and introduction of Business rules DRC9234, DRC8235, DRC9236 and DRU9234
	4.3.2.72 Party Service Link – Search/List Screen	Amendment of business rules and introduction of DRU9234.
	4.3.2.73 Party Service Link – Details Screen	Amendment of business rules DPD4006, DPD4007,
	4.3.2.74 Party Service Link – New/Edit Screen	Amendment of business rules DPC4008, DPC4009, DPU4006, DPU4008
	4.3.2.103 Standing/Predefined Liquidity Transfer Order – New/Edit Screen	Amendment of business rules DCC4069, DCC4078 and DCC4079
	4.3.2.36 Distinguished Name–BIC Routing – Search/List Screen 4.3.2.37 Distinguished Name–BIC Routing – New/Edit Screen 2.3.4.1 Message Subscription Rule Sets – Search/List Screen 2.3.4.2 Message Subscription Rule Set – Details Screen 2.3.4.3 Message Subscription Rule Set – New/Edit Screen 2.3.4.4 Message Subscription Rule – New/Edit Screen 4.3.2.62 Message Subscription Rule Set – New/Edit Screen 4.3.2.63 Message Subscription Rule – New/Edit Screen Pontes Group	Amendment of business rules DRD8004 and DRC8002 Updates of fields and business to cope with Pontes requirement on Message subscription rules for credi/debit notifications for camt.050.
External training materials		
Impacted GDPR message/ screen fields		
Other documentations		

Links with other requests				
Links	Reference		Title	

OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2SYSTEM AND ON THE PROJECT

Summary of functional, development, infrastructure and migration impacts

General remarks and assumptions:

- Calendar
  The T2 calendar for each currency is kept as defined for T2. Pontes uses the business dates provided by T2 for each currency that uses Pontes and CLM.
- Releases
  Changes to the Pontes/T2 interface are applied according to the T2 release schedule. The exact timing on the deployment date for the T2 software is defined by T2 and Pontes will follow the timing of T2 for Pontes/T2 interface changes for test and production environments.
- ISO 20022 XML / BAH / ISO 20022 CLM releases
  Pontes and T2 exchange ISO 20022 XML messages, customized by T2. The business application header (head.001) is used except for admi.007 messages if inbound messages / inbound files were rejected for the admi.007 usages "message rejection notification" and "file rejection notification". Depending on the timing of the implementation phase, ISO 20022 updates can be applied by CLM to the interface definition between T2 and Pontes.
- Schema compatibility
  Pontes must technically ensure that all dynamic data transferred to T2 in liquidity transfers are validated for schema compatibility with the ISO 20022 schema of the camt.050 for the internal interface between Pontes and T2 on the Pontes inbound side.
- Functional and technical interface description
  The interface is built according to the functional and technical interface description.
  Pontes follows the definitions for the message flow by T2, e.g.
  1.) Push LT
      a. camt.050
      b. camt.025
  2.) Pull LT
      a. camt.050 pull
      b. camt.050 push
      c. camt.025 push response
      d. camt.025 pull response
  3.) Balance Query
      a. camt.003
      b. camt.004
  4.) End of day procedure
      a. camt.019 STOP
      b. camt.025 STOP response
      c. camt.019 CHDB
      d. camt.053 GL
      e. camt.019 STRT
      f. camt.025 STRT response
  5.) T2 Maintenance window
      a. camt.019 STOP
      b. camt.025 STOP response
      c. camt.019 STRT
      d. camt.025 STRT response
- Message exchange between Pontes and T2 without digital signature, i.e. without NRO
  All messages exchanged between Pontes and T2 do not contain a digital signature, i.e. non-repudiation of origin (NRO) is not employed. That implies that Pontes must implement an NRO functionality for the communication with its users.
- Floor / Ceiling cash transfers
  Pontes sends a cash transfer only at the breach of a floor / ceiling, meaning that further occurrences of not complying to a limit before the limit is kept again do not result in further cash transfers.
- GL file
  - Content: The GL file contains all accounts of all account types (Pontes DCWs, CB Wallets, transit account) and information on potential blocked balances on Pontes DCWs. A GL XML is provided per currency by Pontes.
  - Consistency of the GL XML: Pontes delivers GL XML that are consistent. CLM validates the GL XML for consistency and rejects them in case of inconsistencies.
  - Dedicated cash wallets with non-zero balance at the closing day of the dedicated cash wallet
    Pontes needs to identify dedicated cash wallets being closed on the next business day when the CLM message for the change of business requiring the general ledger to be created arrives in Pontes. In

case such wallets exist and they have a balance Pontes needs to create a liquidity transfer to transfer the whole dedicated cash wallet balance (blocked and non-blocked amounts) to the related CB cash wallet with execution date of the current business day. After all such possible transfers have been executed the general ledger can be created including the before mentioned liquidity transfers in the turnover data of the respective cash wallets. The end of day balance of cash wallets on their closing day is therefore zero. This also means that between the final liquidity transfer for cash wallets on the closing day and the cash wallets already having a zero balances no new turnovers are allowed to take place until the business day is finished and the general ledger file is created.

- Multi-currency
  The change allows on boarding of other currencies for the Pontes/T2 interface when the additional currency uses the same set of functionalities as euro ones. Additional requirements for other currencies are out of scope of this CR.
- Automatic rebooking
  In case T2 rejects a Pontes LT by a camt.025, Pontes automatically reverses the LT by settling the amount in the opposite direction of the original LT.
- General ledger availability in case of Pontes/T2 interface disturbances
  CLM offers the possibility to upload the GL via the CLM GUI in case of disturbances at interface level. Pontes is able to provide the GL for such purpose.
- Activation of Pontes functionality
  Pontes functionality activation is one way. Once activated the functionality remains. This applies to production as well as to test stages.
- Euro-only business
  The adaptions regarding Cross-CB-turnover, minimum reserve management and automatic marginal lending are foreseen for EUR business only.
- T2 recovery
  Messages between Pontes and T2 are exchanged via the internal communication channel and not via NSP. For that reason, such messages cannot be replayed and are lost in case of a recovery scenario. Pontes implements the functional, application and operational measures to be compliant to the T2 recovery solution according to T2 CR 167.
- Legal Archiving
  For the archiving of internal interface messages for the TARGET services the receiving service transmits the messages to LeA.
  Pontes transmits the messages received from T2 and relevant for the legal archiving to the LeA common component.
- Pontes infrastructure setup
  The Pontes infrastructure is completely set up within the 4CBnet. Pontes communicates to external actors solely via network service providers and ESMIG+.
- MQ
  Pontes implements an MQ interface with CLM/RTGS.
- Risks associated with delivery in R2027.NOV
  CR T2-0160-SYS will be deployed in dormant mode in R2027.NOV and 4CB plans a "hotfix" release similar to the T2S.2028.FEB release in order to be able to remedy potential quality deficiencies.
- Pontes go-live
  The delivery planning for R2027.NOV only remains valid with a Pontes go-live in March 2028. A delivery of Pontes in June 2028 or later requires a re-DA of CR T2-0160-SYS.

The CR assessment is only valid if the underlying assumptions are met; if any assumptions are not fulfilled, a re-DA of the CR is required.

CLM Backend processing:

In line with the URD the interaction between CLM/RTGS and the other settlement service is standardised to the extent possible. Consequently, the already implemented functionality between CLM/RTGS and the other target settlement services will not be changed. The existing logic will be used wherever possible and enhance to take into account also the interaction between CLM and Pontes and RTGS and Pontes. Between Pontes and CLM no NRO check is considered.
The Pontes DCWs and Pontes CBWs, in turn, are funded by moving liquidity from/to other TARGET Services. The Pontes platform will be able to initiate liquidity transfers to push liquidity to CLM/RTGS or rule-based liquidity transfers to pull liquidity from CLM (like TIPS). Therefore, LTs can only be processed when T2 is open.

The messages exchanged between CLM and Pontes are based on ISO 20022 XML. In general, the messages as defined by T2 are to be used. BAH and business payload/ISO 20022 message instance are part of any business message exchanged between CLM and Pontes.
A settlement service that wants to use T2 standards interface for the functionality described in the CR needs to have a published system BIC of the settlement service (i.e. a Pontes BIC needs to be published in CRDM BIC directory).

The existing functionality which regularly checks the transit account alignments between the different services in CLM will be enhanced to also include a CLM-Pontes transit accounts check.

Immediate Liquidity Transfers in A2A or U2A (Push and Pull)
With the implementation of this change request it will be possible to perform immediate liquidity transfers in U2A (via CLM/RTGS GUI) and A2A (camt.050) from an MCA/CLM CB Account or RTGS DCA/RTGS CB Account to a Pontes DCW/Pontes CBW in push mode. A liquidity transfer in pull mode from a Pontes DCW/Pontes CBW to an MCA or CLM CB Account will only be possible via CLM GUI.
If the participant sends an immediate liquidity transfer, CLM will validate the received instruction. In case of a negative validation CLM will close the business transaction with a corresponding error code and create a camt.025 rejection notification message if the submission was done in A2A mode (exception: in case of a negative technical validation like schema error CLM will send an admi.007 to the participant).
In case of a positive validation the further processing in CLM depends on the liquidity transfer type (push or pull):

- **Push LT:** CLM will settle the indicated amount on the CLM account and the CLM dedicated transit account for Pontes (only full settlement is foreseen) and send a camt.050 liquidity transfer to Pontes to transfer the liquidity from CLM to Pontes. After the processing of this liquidity transfer in Pontes a camt.025 receipt will be sent by Pontes to CLM. This can be either a confirmation in case of positive booking or a rejection in case of a negative outcome (in this case CLM would reverse the settled liquidity transfer within CLM). After reception of the camt.025 receipt CLM informs its customer
  - via camt.025 message in case the push liquidity transfer was submitted via A2A or/and
  - via camt.054 debit notification when subscribed for in case the push liquidity transfer was submitted via U2A or by the responsible CB on behalf of the customer.

  A similar process will take place if the liquidity transfer was received by RTGS (via U2A or A2A) to transfer liquidity from a RTGS DCA or RTGS CB Account to a Pontes DCW or Pontes CBW. The messages between RTGS and Pontes will not be exchanged directly between the two services but via CLM, i.e. CLM will receive messages from RTGS or Pontes and route them to the other service. Further a booking on the CLM dedicated transit accounts for the respective services will take place. This process is similar to the one which is already in place between RTGS und TIPS.

- **Pull LT:** After initiation via CLM GUI CLM sends a camt.050 liquidity transfer pull request to Pontes with the indicated pull amount. After the settlement within Pontes CLM will receive a camt.050 and settle the liquidity transfer by crediting the CLM account and debiting the CLM dedicated transit account for Pontes. After the settlement processing CLM will sent a camt.025 receipt to Pontes, which is again answered by a camt.025 receipt from Pontes to CLM for the initial camt.050 pull request. Additionally CLM informs its customer via camt.054 credit notification when subscribed for.

Floor/ceiling
Pontes will offer its participants the possibility to configure Floor and Ceiling Rule-based Liquidity Transfers, which are set-up in CRDM. Such rule-based LTs will only be possible between MCAs and Pontes DCWs. When a floor or ceiling breach is detected by Pontes, CLM will receive and validate the camt.050 sent by Pontes.
In case of a positive validation the further processing in CLM depends on the notification type:

- **Floor:** CLM will settle the liquidity transfer amount on the MCA and the CLM dedicated transit account for Pontes (full or partial settlement in case of insufficient liquidity on the MCA). Afterwards CLM sends a camt.050 liquidity transfer to Pontes to transfer the liquidity from CLM to Pontes. After the processing of this liquidity transfer in Pontes a camt.025 receipt will be sent by Pontes to CLM. This can be either a confirmation in case of positive booking or a rejection in case of a negative outcome (in this case CLM would reverse the settled liquidity transfer within CLM). After reception of the camt.025 receipt CLM again answers with a camt.025 receipt to Pontes for the initial camt.050 pull request and informs its customer of the debit on its account via camt.054 message when subscribed for.
- **Ceiling:** CLM will settle the liquidity transfer based on the received camt.050 by crediting the CLM MCA and debiting the CLM dedicated transit account for Pontes. After the settlement processing CLM will sent a camt.025 receipt to Pontes. Additionally CLM informs its customer of the credit on its account via camt.054 message when subscribed for.

Note: As already documented in the CLM UDFS a floor liquidity transfer in CLM is partially settled up to the amount available. For the remaining amount that could not settle in the first settlement attempt, no further attempt

takes place. In case there is no liquidity at all available in the non-reserved part of the relevant MCA the rule-based liquidity transfer order is rejected and the business case will be closed. CLM will send a negative camt.025 to inform Pontes about the rejection.

Standing order liquidity transfers
Standing order liquidity transfers from CLM to Pontes will be possible. The functionality and the trigger events will be similar to the ones between CLM and TIPS.

Cross-CB turnover
The Pontes DCWs and Pontes CBWs balances must be considered for the calculation of cross-CB turnover.

General Ledger
The General Ledger processing must be enhanced that CLM is able to process camt.053 General Ledger received by Pontes and to send the GLs relating to Pontes accounts to the respective CBs. Blocked balances can be included in the Pontes GL as well; such balances would be reported in the GLs to the CBs in the same way as foreseen in CR153/CR172 for T2S CoSD blocked balances.

Minimum reserve query in A2A and U2A
The Pontes DCWs EoD balances shall be included in the minimum reserve queries, i.e. Pontes DCW minimum reserve information shall be allowed to be queried in A2A and U2A (only CLM).

Operator related adjustments
Several functionalities only applicable to the Operator need to be enhanced to inform the OT about potential problems (e.g. check Transit Account alignments, "trapped liquidity", etc.) or to solve specific situations (e.g. manual reverse bookings). The Operator will have the possibility to activate/deactivate the functionalities of this CR via a switch. Further OT will be able to activate/deactivate a simulator for T2 testing purposes (only on testing environments)

CLM Business day processing
Messages exchanged between CLM and other settlement services like RTGS, TIPS and T2S will also be sent to PONTES. This will include the following messages:

CESO	camt.019	STRT
CSCC	camt.019	STOP
CECC	camt.019	STRT
	camt.019	STOP
CEOD	camt.019	CHBD
CSMW	camt.019	STOP
CEMW	camt.019	STRT
CSOM	camt.019	STOP
CEOM	camt.019	STRT

It is expected that PONTES will respond with a camt.025 except for the CHBD message where a camt.053 GL is expected by T2.
In case an account/wallet will be closed from one business day to the other it may be the case that this account/wallet will still be in the camt.053 GL with a non-zero balance sent from PONTES to T2 starting with the first day of the closing. If this is the case it is expected by T2 that the balance of this closed account/wallet is still reflected in the "Transit account for CLM in PONTES" provided in the camt.053 GL as well.

CLM data propagation
Reference data:
The new external service 'PONTES' (including service BIC and DN) will be added on T2 side beside e.g. T2S and TIPS.
Interface between CRDM to T2 will be enhanced by the following:

- A new dedicated transit account for PONTES per currency will be defined on CLM side.
- PONTES DCWs together with CB wallets will be propagated to T2 in order to ensure message exchange and bookings between CLM and PONTES.
- CLM transit account in PONTES per currency will be propagated to T2. This will ensure a smooth processing of the PONTES general ledger file in the EoD phase.
- PONTES as a new service and a currency service link between PONTES and each PONTES currency will be provided from CRDM to T2

- Multi-currency of PONTES (PONTES cash accounts unique per currency; specific service currency link for PONTES per currency)

A dedicated Date of PONTES go-live will be in added to T2 which represents the first business day of PONTES integration in / interaction with T2. This date will be editable in OT "General System Parameters CSLD" GUI screen. Data from CRDM will only be taken over to T2 with the load of this business day.

EoD balances from PONTES general ledger file will be stored in T2 as well.

- Beside the creation of new rules, existing validation rules for data propagation will be updated to consider PONTES data.
- RDP0011
- RDC0011
- RDC0033
- RDO0047
- RDO0074
- RDC0052
- new RDC0094 and RDC0095

Minimum reserve and Interest calculation:
PONTES DCWs will be included in the minimum reserve and interest calculation. The calculation per leading CLM account holder remains the same.

Standing facilities:
PONTES DCWs will be included in the calculation of the overall balance per CLM account holder. Only in case the total balance per CLM account holder is negative an automatic marginal lending will take place during the EoD.

CLM A2A message impact

Addition of Pontes in the scope and some additional annotations for the CLM camt.003, camt.004 and camt.053_GL. A detailed overview of the UGs can be found in the annex of this CR.

Setup internal communication layer between CLM and Pontes.

Please note that the ISO 20022 MR 2026 base message version of camt.053, i.e. version 14, is still in DRAFT status. As a result, further changes to the base message version are possible, which could impact the planned changes to the camt.053 used in this change request.

During the implementation of this CR an upgrade to a newer ISO 20022 base message version for the relevant messages may be required.

T2 GUI
The following chapter describes the adaptions for the T2 CLM/RTGS GUI.
Please note that small adaptions might arise during the specification phase due to for example new error codes or adaptions of validations. Such kind of adaptions will not affect the estimation of effort.
Changes regarding CR-158 are currently not considered as CR-158 draft is still in an intermediate status and – depending on the requirements for the minimum reserve screens - might impact the estimation of the effort for the T2 GUI significantly.

CLM GUI:

To consider the balances of the account types 'Pontes DCW', 'Pontes CB Wallet', 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account' the following CLM GUI screens must be adapted.
Query Cash Transfers:
The account types 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes' will be included in the dropdown list of field 'Account Type'.

List/Details of Cash Transfers:
The List screen will consider cash transfers related to accounts with account type 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes', where the account to be credited or the account to be debited is an CLM-account.

New context menu entries 'Manual Reverse Booking Pontes' and 'Simulate Positive Receipt Pontes' will be available for OT and Transit Account Holder users.

Query Messages:
'Pontes' will be added in field 'Message Origin/Destination'.

List/Details of Messages:
Inbound and outbound messages from and to Pontes (including messages concerning business day management with Pontes) will be visible depending on the user`s data scope.
A new context menu entry 'Simulate Receipt Pontes' will be provided for OT and Transit Account Holder users.
Context menu entry 'Repeat Sending' will be available for Outbound messages to Pontes for OT and Transit Account Holder users.

Query Dashboard Liquidity Overview:
A new multi smart select box and checkbox under divider 'Account Selection' will be added for 'Pontes DCWs'.
The account type 'Pontes CB Wallet' will be selectable in the popup for field 'CB Accounts'. The account types 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account' will be selectable in the popup for field 'Transit Accounts'.
Moreover, an error handling will be provided to check if Pontes is connected and to inform the user by notification when Pontes service is not available for balance queries.

Display Dashboard Liquidity Overview Account Selection grouped by Services:
A new divider 'Pontes', headline 'Liquidity Information Pontes' and sub dividers 'Pontes DCW', 'Pontes CB Wallet' and 'Pontes Transit Account' including a row for current balance information will be available.
Current balance, information of queued and earmarked debit and credit cash transfers and projected liquidity will be displayed for 'CLM Dedicated Transit Account for Pontes' under headline 'Liquidity Information CLM'.
A new row 'Liquidity in Pontes' will be displayed under headline 'Aggregated View'. Pontes balances will be summed up and included in aggregated balances of 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview Account Selection grouped by Countries:
A new headline 'Liquidity Information Pontes' and sub dividers 'Pontes DCW', 'Pontes CB Wallet' and 'Pontes Transit Account' including a row for current balance information will be available for each country code.
Current balance, information of queued and earmarked debit and credit cash transfers and projected liquidity will be displayed for 'CLM Dedicated Transit Account for Pontes' under headline 'Liquidity Information CLM' of the country code of the Transit Account Holder.
Pontes balances will be summed up and included in aggregated balances of 'Liquidity' for each country code, 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview Account Selection grouped by Parties:
A new headline 'Liquidity Information Pontes' and sub dividers 'Pontes DCW', 'Pontes CB Wallet' and 'Pontes Transit Account' including a row for current balance information will be available for each party.
Current balance, information of queued and earmarked debit and credit cash transfers and projected liquidity will be displayed for 'CLM Dedicated Transit Account for Pontes' under headline 'Liquidity Information CLM' of the Party BIC of the Transit Account Holder.
Pontes balances will be summed up and included in aggregated balances of 'Liquidity' for each party BIC, 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview Account Selection List View:
A new column for 'Pontes Balance' based on account level encompassing the account types 'Pontes DCW', 'Pontes CB Wallet', 'CLM Dedicated Transit Account for Pontes' and 'Pontes Transit Account' will be visible.
Pontes balances will be considered in columns 'Liquidity Overall' and 'Projected Liquidity Overall' and in the respective sums of the 'Totals' at the end of the result list. Queued and earmarked credit and debit cash transfers will be considered for 'CLM Dedicated Transit Account for Pontes'.

Display Dashboard Liquidity Overview AMG Selection grouped by Services:
A new divider 'Pontes', headline 'Liquidity Information Pontes' and sub divider 'Pontes DCW' including a row for the current balance information will be available for the Account Monitoring Group and displayed based on service.
A new row 'Liquidity in Pontes' will be displayed under headline 'Aggregated View'. Pontes balances will be summed up and included in aggregated balances of 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview AMG Selection grouped by Countries:

A new headline 'Liquidity Information Pontes' and sub divider 'Pontes DCW' including a row for the current balance information will be available for the Account Monitoring Group and displayed based on each country code.
Pontes balances will be summed up and included in aggregated balances of 'Liquidity' for each country code, 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview AMG Selection grouped by Parties:
A new headline 'Liquidity Information Pontes' and sub divider 'Pontes DCW' including a row for the current balance information will be available for the Account Monitoring Group and displayed based on party level.
Pontes balances will be summed up and included in aggregated balances of 'Liquidity' for each party BIC, 'Liquidity Overall' and 'Current Liquidity Overall'.

Display Dashboard Liquidity Overview AMG Selection List View:
A new column for 'Pontes Balance' based on account level for account type 'Pontes DCW' will be visible and Pontes balance will be considered in columns 'Liquidity Overall' and 'Projected Liquidity Overall' and in the respective sums of the 'Totals' at the end of the result list. Accounts are listed by Account Monitoring Group.

List of Available Liquidity on Banking Group Level:
A new column for 'Pontes Balances' based on Banking Group level will be added. Pontes DCW balances must be considered in columns 'Projected Liquidity Overall' and 'Liquidity Overall' and in the respective sums of the 'Totals' at the end of the result list.

List of Detailed Available Liquidity on Banking Group Level:
A new column will be added for 'Pontes Balances' under dividers 'List of Available Liquidity on Banking Group Level' and 'Results'. Pontes DCW balances must be considered in columns 'Liquidity Overall' and 'Projected Liquidity Overall' on Banking Group level under divider 'List of Available Liquidity on Banking Group Level'. Pontes DCWs balance must be considered in columns 'Liquidity Overall' and 'Projected Liquidity Overall' on Party BIC level under divider 'Results' and in the respective sums of the 'Totals' at the end of the result list.

Query Minimum Reserve:
An error handling will be provided when Pontes is not connected to CLM. When Pontes is not connected then no camt.003 query for this field has to be created and the value "Not available" has to be shown in the respective GUI field.

List of Minimum Reserve Direct:
The account numbers and balances of the Pontes DCWs will be displayed in the section 'List of Account Balances' if applicable and included in the 'Totals'.
A new column 'Pontes Blocked Cash Balance' will be introduced. Field 'EoD Balance Subject to Minimum Reserve Calculation' will consider 'Pontes Blocked Cash Balance' as 'Pontes Blocked Cash Balance' must not be subject to minimum reserve or current account remuneration.

List of Minimum Reserve Pool:
A new column for Pontes DCW balances will be added and included in the 'Totals'.
A new column 'Pontes Blocked Cash Balance' will be introduced. Field 'EoD Balance Subject to Minimum Reserve Calculation' will consider 'Pontes Blocked Cash Balance' as 'Pontes Blocked Cash Balance' must not be subject to minimum reserve or current account remuneration.

List of Minimum Reserve Pool of Account Party Level:
The account numbers and balances of the Pontes DCWs will be displayed in the section 'List of Account Balances' if applicable and included in the 'Totals'.
A new column 'Pontes Blocked Cash Balance' will be introduced. Field 'EoD Balance Subject to Minimum Reserve Calculation' will consider 'Pontes Blocked Cash Balance' as 'Pontes Blocked Cash Balance' must not be subject to minimum reserve or current account remuneration.

Query Cash Account Reference Data:
The new account types 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes' will be included in the dropdown list 'Account Type'.

List of Cash Account Reference Data:
The validations will be adapted to ensure that no context menu entries will be available for account types 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes'.

List of Cash Account Reference Data by MFI:

The new account types 'Pontes DCW' and 'CLM Dedicated Transit Account for Pontes' will be considered in the result list.

Query Task Queue/List/Details of Task Queue:
Tasks for Manual Reverse Booking, Simulate Positive Receipt, Simulate Receipt and Repeat Sending will consider Pontes Liquidity Transfers.

List of Events:
The following changes regarding the context menu entries 'Skip General Ledger File' and 'Stop Accepting Interservice LT Response CEOD' will be applied:
Popup screen 'Skip General Ledger File' will be amended in order to include the value 'Pontes' in the dropdown list of field 'Service'.
Popup screen 'Stop Accepting Interservice LT Response CEOD' will be amended in order to include the value 'Pontes' in the dropdown list of field 'Service'.

Upload General Ledger / Balance Snapshot File:
The dropdown list for the field 'Service' will be amended with the value 'Pontes'. The description for the field '+ Choose' (Button in Upload Box) will be amended with the value 'Pontes'.

Display General System Parameters:
A new general system parameter 'Pontes Simulator Active Flag' has to be added for the screen. This parameter cannot be changed and will be faded out in Production. Change will be possible in test environments for the next business day by OT users. Error handling must be added to ensure that the data is captured in the correct format and for next business day only.
A new general system parameter 'Pontes Date of Golive' must be added for the screen. This parameter can be changed immediately by OT users for the current business day or for the next business day in both test and production environments.

Display Liquidity on CB Level:
A new section with headline 'Liquidity Information Pontes' will be added. This section will consist of three additional dividers named 'Pontes DCWs Information' 'Pontes CB Wallets Information' and 'Pontes Transit Account Information'. 'Pontes DCWs Information' and 'Pontes CB Wallets Information' will include a row for 'Sum of Current Balances' and 'Pontes Transit Account Information' will include a row for 'Current Balance'.
A new field for 'Liquidity in Pontes' will be added under divider 'Total Liquidity' and balance of 'Liquidity in Pontes' will be considered in the sum of fields 'Liquidity Overall' and 'Current Balances Overall'. The balance of 'CLM Dedicated Transit Account for Pontes' will be considered for fields under divider 'CLM Transit Accounts Information'.

Query Available Liquidity by Party:
The value 'Pontes Account Balances' will be added in the dropdown list of field 'Sort by'.
An error handling will be provided when Pontes is disconnected. When Pontes is not connected then no camt.003 query for this field has to be created and the value "not available" has to be shown in the respective GUI field.

List of Available Liquidity by Party:
A new column 'Pontes Account Balances' will added. These Pontes balances will be considered in columns 'Liquidity Overall' and 'Projected Liquidity Overall' and in the relevant sums of the 'Totals' at the end of the result list.

Display List of Available Liquidity by Accounts:
A new column for 'Pontes Account Balances' will be displayed for divider 'List of Available Liquidity by Party' and a new column 'Pontes Account Balance' will be shown for divider 'List of Available Liquidity by Account'. Pontes balances will be considered in fields 'Projected Liquidity Overall' and 'Liquidity Overall' for both dividers.
An error handling will be provided when Pontes is disconnected. When Pontes is not connected then no camt.003 query for this field has to be created and the value "not available" has to be shown in the respective GUI field.

List of Minimum Reserve Information per Account Holder:
The Pontes DCW balances will be considered in field 'Current Balance'.

RTGS GUI:
Query Cash Transfers:
The account types 'Pontes DCW' and 'Pontes CB Wallet' will be included in the dropdown list of field 'Account Type'.

List/Details of Cash Transfers:

The List screen will consider cash transfers related to accounts with account type 'Pontes DCW' and 'Pontes CB Wallet' where the account to be credited or the account to be debited is an RTGS-account.
New context menu entries 'Manual Reverse Booking Pontes' and 'Simulate Positive Receipt Pontes' will be available for OT and Transit Account Holder users.

Query Cash Account Reference Data:
The new account types 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes' will be included in the dropdown list 'Account Type'.

List of Cash Account Reference Data:
The validations will be adapted to ensure that no context menu entries will be available for account types 'Pontes DCW', 'Pontes CB Wallet', 'Pontes Transit Account' and 'CLM Dedicated Transit Account for Pontes'.
Query Task Queue/List/Details of Task Queue:
Tasks for Manual Reverse Booking and Simulate Positive Receipt will consider Pontes Liquidity Transfers.

Activation of the changes of this CR in the GUI environments:
Adaptions of the GUI screens in CLM and RTGS regarding this change request will be faded out as long as the functionality is set to 'dormant':
- new popup screen for 'Manual Reverse Booking Pontes'
- new rows in list/display/details screens regarding Pontes system, accounts and balances
- new fields and columns in list/display/details screens regarding Pontes system, balances and accounts
- new query fields in query screens
- changes of context menu entries
- new context menu entries
- changes regarding aggregation of balances and totals in list/display/details screens

For reason of significant effort, new dropdown values in the context of Pontes will not be faded out.
That means that, for example, new Pontes account types will be selectable in query fields where applicable. However, when selecting these dropdown values by the user, the result list will be empty.
In other words, the new dropdown values will be active from deployment of this CR to test environments and production.

LeA:
Update of DWH-LeA interface and Back Tracing document for camt.050 and camt.025 settled in T2 with a leg in a Pontes. The back tracing document is a paper describing all the necessary back tracing procedures identified to fulfil a user request to retrieve archived messages from the LEA common component Tool.

CRDM
CRDM BE
Account Monitoring Group:
DRCJ007: Add the possibility to insert PONTES DCW for Account monitoring group:
DRUJ008: Add the possibility to insert PONTES DCW for Account monitoring group:

Authorised Account Users
Authorised Account users needs to be configured also for account Type CLM Dedicated Transit Account for PONTES, PONTES Dedicated Cash Wallet and PONTES CB Cash Wallet.
Business rules to be updated:
DCC2001: check to be extended to PONTES CMB
DCC2006: check to be extended to PONTES DCW, PONTES CB Wallet and PONTES CMB. CLM Dedicated Transit Account for PONTES needs to be included in the check for CLM accounts.
DCC2007: check to be extended to PONTES CMB
DCC2008: Participation type must be empty for PONTES Dedicated Cash Wallet/PONTES CB Wallet/PONTES CMB. CLM Dedicated Transit Account for PONTES needs to be included in the check for CLM accounts.
DCU2001: check to be extended to the PONTES CMB
DCU2006: check to be extended to PONTES DCW, PONTES CB Wallet and PONTES CMB. CLM Dedicated Transit Account for PONTES needs to be included in the check for CLM accounts.
DCU2007: check to be extended to PONTES CMB
DCD2001: check to be extended to the PONTES CMB
DCD2006: check to be extended to PONTES DCW, PONTES CB Wallet and PONTES CMB. CLM Dedicated Transit Account for PONTES needs to be included in the check for CLM accounts.
DCD2007: check to be extended to PONTES CMB

Cash Account:
Add the new account types (CLM Dedicated Transit Account for PONTES, PONTES Transit Account, PONTES Dedicated Cash Wallet, PONTES CB Cash Wallet, PONTES Credit Memorandum Balance). Restriction types

PACR, PADE, PABO under DESP service must be handled by Cash Account New/Edit screen as immediate blocking. In particular, when selecting PACR, PADE, PABO the immediate unblock of the Cash account relevant for PONTES (accounts belonging to Service PONTES) Valid From and Valid To fields are read only and contain the values for immediate creation ('1000-01-01-00.01' and '9999-12-31-23.59'). It is possible to remove an active restriction by clicking on the edit button (pencil), the fields Valid From and Valid to are greyed and a fixed message is displayed in order to guide the user to the next action:

- Click + button to immediately unblock the PONTES account
- Click X button to cancel the action

Blocking status in PONTES and CRDM can differ. The PONTES block/unblock status is different from the one in CRDM if:

- PONTES status is “unblocked” and the Cash Account has at least one valid restriction among
  - PACR: Block for credit;
  - PADE: Block for debit;
  - PABO: Block for both debit and credit.
- PONTES status is “Blocked for crediting” and the CRDM valid restrictions are different from PACR.
- PONTES status is “Blocked for debiting” and the CRDM valid restrictions are different from PADE.
- PONTES status is “Blocked for crediting/debiting” and the CRDM valid restrictions are different from PABO or from the couple (PACR, PADE).

Business rules to be updated/introduced:

Create Cash Account

DCC1001: add check on hierarchical Party Model for PONTES CMB

DCC1024: add CLM Dedicated Transit Account for PONTE and PONTE Accounts (PONTES DCW, PONTE Transit Account, PONTES CB Cash Wallet, PONTES CMB) as accounts that accept restriction types under PONTES Service

DCC1100: Add check for currency service link in PONTES

DCC1228: New business rule to check that the CMB to be created is open during the validity period of the PONTES DCW.

DCC1230: add check that the Valid From of newly inserted PONTES restriction must have the conventional value "1000-01-01-00.01.00.000000" and Valid to must be "9999-12-31-23.59.59.999999"

DCC1400: Add check that PONTES DCW and PONTES CB Cash Wallet cannot have Automated Generation of Interest Payment (system generated) cannot be set to TRUE if a Leading CLM Account Holder is not defined at CLM Party Service Link Level.

DCC1420: add check that PONTES DCW must have credit-based only flag equal to True, CLM Dedicated Transit Account for PONTES must be False, and PONTES CB Cash Wallet can be True or False.

DCC1430: add PONTES DCW and PONTES Dedicated Cash Wallet as account type for the Reserve Management Account configuration

DCC1536: add CLM Dedicated Transit Account for PONTES for the check on the concurrent existence of an account of the same type in the same period

DCC1539: New business rule to check if PONTES Transit Account, is not present, then a PONTES DCW, PONTES CB Cash Wallet or PONTES CMB cannot be created

DCC1541: New business rule to check that PONTES Transit Account, cannot be created if there is an already existing account of the same type in the same period.

DCC1555: Add that following checks:

- CLM Dedicated Transit Account for PONTES can only be owned by CLM Transit Account Holder
- PONTES Transit Account can only be owned by PONTES Transit Account Holder
- PONTES Dedicated Cash Wallet can only be owned by PONTES Participant and PONTES Central Bank
- PONTES CB Cash Wallet can only be owned by PONTES Central Bank
- PONTES CMB can only be owned by PONTES Participant

Update Cash Account

DCU1001: add check on hierarchical Party Model for PONTES CMB

DCU1024: add CLM Dedicated Transit Account for PONTE and PONTE Accounts (PONTES DCW, PONTE Transit Account, PONTES CB Cash Wallet, PONTES CMB) as accounts that accept restriction types under PONTES Service

DCU1042: New business rule to check that the updates to a PONTES DCW must be consistent to the linking CMB

DCU1204: add check that PONTES CMB can have a linked account

DCU1210: add check that PONTES CMB, DCW and DCBW must have closing date greater than the current date

DCU1224: New business rule to check that the CMB to be updated is open during the validity period of the PONTES DCW.

DCU1260: add check that the Valid From of newly inserted PONTES restriction must have the conventional value "1000-01-01-00.01.00.000000" and Valid to must be "9999-12-31-23.59.59.999999"
DCU1261: add check that the Valid to of newly inserted PONTES restriction must have the conventional value must be "9999-12-31-23.59.59.999999"
DCU1263: add check that changes to restrictions in Pontes can be performed only via U2A
DCU1313: add check on the concurrent existence of account of the same type of DESP Transit Account, DESP Online Transit Account and DESP Offline Transit Account in the same period.
DCU1420: add check that PONTES DCW must have credit-based only flag equal to True, CLM Dedicated Transit Account for PONTES must be False, and PONTES CB Cash Wallet can be True or False.
DCU1430: add PONTES DCW and PONTES Dedicated Cash Wallet as account type for the Reserve Management Account configuration
DCU1532: add check that a PONTES DCW, PONTES DCBW, PONTES CMB must be contained in the validity period of the PONTES Transit Account with the same currency
DCU1534: add check that there can only be at any given point in time only one CLM Dedicated Transit Account for PONTES, PONTES Transit Account for one given currency.
DCU1556: add check that CLM Dedicated Account for PONTES requires PSL CLM Transit Account Holder
DCU1560:new business rule to check:
- PONTES Transit Account requires PSL PONTES Transit Account Holder
- PONTES Dedicated Cash Wallet requires PSL PONTES Participant or PONTES Central Bank
- PONTES CB Cash Wallet requires PSL PONTES Central Bank
- PONTES CMB requires PSL PONTES Participant

Delete Cash Account
DCD1012: add the check on the closing date also for CLM Dedicated Transit Account for PONTES
DCD1013: add the constraint on the restore of CLM Dedicated Transit Account for PONTES, PONTES Transit Account when Transit accounts of the same type and currency are present in CRDM
DCD1014: add the constraint on the deletion of CLM Dedicated Transit Account for PONTES and PONTES Transit Account when other Pontes accounts for the same validity period are present
DCD1082: Add check for currency service link in PONTES
DCD1532: Add check on existence of PONTES Transit Account, for the same Currency Code of the PONTES account to be restored
DCD1555: Add that following checks:
- CLM Dedicated Transit Account for PONTES can be owned only by CLM Transit Account Holder
- PONTES Transit Account can be owned only by PONTES Transit Account Holder
- PONTES Dedicated Cash Wallet can be owned by PONTES Participant or PONTES Central Bank
- PONTES CB Cash Wallet can only be owned by PONTES Central Bank
- PONTES CMB can only be owned by PONTES Participant

Party Service link:
introduction of PONTES service and related Service Party types (PONTES Operator, PONTES Transit Account Holder, PONTES Central Bank, PONTES Participant, PONTES Addressable Entity).

Create Party Service Link
Business rules to be updated:
- DPC4006: Add that following checks:
  - PONTES Operator only if Party Type is Service Operator
  - PONTES Central Bank only if Party Type is National Central Bank
  - PONTES Transit Account Holder only if Party Type is National Central Bank
  - PONTES Participant only if Party Type is Payment Bank
  - PONTES Addressable Entity only if Party Type is Payment Bank
  -
- DPC4007: Add that following checks:
  - PONTES Operator, PONTES Transit Account Holder, PONTES Central Bank, PONTES Participant, PONTES Addressable Entity can only be used for PONTES Service
- DPC4008 must be updated to include the check of having only one Party Service Link for PONTES Service for the same party at any given point in time, with the exception of non-EUR Central Banks which, in PONTES, can be both Pontes Transit Account Holders and Pontes Central banks
- DPC4009 must be updated to include the check of having only one Party Service Link for PONTES Service for the different parties with the same party BIC at any given point in time

Update Party Service Link
Business rules to be updated:

- DPU4006 must be updated to include the check of having only one Party Service Link for PONTES Service for the same party at any given point in time, with the exception of non-EUR Central Banks which, in PONTES, can be both Pontes Transit Account Holders and Pontes Central banks
- DPU4007 must be updated to include the check priority constraint check on PONTES accounts and CLM Dedicated Transit Account for PONTES
- DPU4008 must be updated to include the check of having only one Party Service Link for PONTES Service for the different parties with the same party BIC at any given point in time

Delete Party Service Link
- DPD4006 must be updated to include the check of having only one Party Service Link for PONTES Service for the same party at any given point in time, with the exception of non-EUR Central Banks which, in PONTES, can be both Pontes Transit Account Holders and Pontes Central banks
- DPD4007 must be updated to include the check of having only one Party Service Link for PONTES Service for the different parties with the same party BIC at any given point in time

Party
Addition of Party Type for Market DLT Operator.Restriction types PPCR, PPDB, PPBO under PONTES service must be handled by Party New/Edit screen as immediate blocking. In particular, when selecting PPCR, PPDB, PPBO the immediate unblock of the Parties relevant for PONTES (party that has a Party Service Link towards PONTES in the moment the action is performed) Valid From and Valid To fields are read only and contain the values for immediate creation ('1000-01-01-00.01' and '9999-12-31-23.59'). It is possible to remove an active restriction by clicking on the edit button (pencil) and the fields Valid From and Valid to are blocked and a fixed message is displayed in order to guide the user to the next action:
- Click + button to immediately unblock the party
- Click X button to cancel the action

Blocking status in PONTES and CRDM can differ. The PONTES block/unblock status is different from the one in CRDM if:
- PONTE status is “unblocked” and the Party has at least one valid restriction among
  - PPCR: Block for credit;
  - PPDB: Block for debit;
  - PPBO: Block for both debit and credit.
- PONTES status is “Blocked for crediting” and the CRDM valid restrictions are different from PPCR.
- PONTES status is “Blocked for debiting” and the CRDM valid restrictions are different from PPDB.
- PONTES status is “Blocked for crediting/debiting” and the CRDM valid restrictions are different from PPBO or from the couple (PPCR, PPDB).

In particular, when selecting PPCR, PPDB, PPBO the immediate unblock of the Party relevant for PONTES (party that has a Party Service Link towards PONTES in the moment the action is performed) Valid From and Valid To fields are read only and contain the values for immediate creation ('1000-01-01-00.01' and '9999-12-31-23.59'). It is possible to remove an active restriction by clicking on the edit button (pencil), the fields Valid From and Valid to are greyed and a fixed message is displayed in order to guide the user to the next action:
- Click + button to immediately unblock the party
- Click X button to cancel the action

Create Party
DPC1230: add check that the Valid From of newly inserted PONTES restriction must have the conventional value "1000-01-01-00.01.00.000000" and Valid to must be "9999-12-31-23.59.59.999999"

Update Party

DPU1230: add check that the Valid From of newly inserted PONTES restriction must have the conventional value "1000-01-01-00.01.00.000000" and Valid to must be "9999-12-31-23.59.59.999999"
DPU1231: add check that the update of PONTES restriction must contain a valid to with conventional value "9999-12-31-23.59.59.999999"
DPU1233: add check that Party updates requests for PONTES restriction can be performed only in U2A mode

Liquidity Transfer Order
Create Liquidity Transfer Order
DCC4069: add check that PONTES DCW can be used as debited account in a Rule-Based Liquidity Transfer Order
DCC4078: add check that PONTES DCW can be used as credited account in a Rule-Based Liquidity Transfer Order
DCC4079: add check that PONTES DCW can be used as credited account in a Standing Liquidity Transfer Order

DN-BIC Routing:
Create DN-BIC Routing:
DRC8002: add check for PONTES CB DCW, PONTES DCW and PONTES CMBs during creation of DN-BICs where the inserted DN must be linked at least with one of user of a certain participant.
DRC8003: add check for Related AAU linked to Pontes accounts.

Update DN-BIC Routing:
DRU8001: add checks for Related AAU linked to Pontes Accounts.
DRU8004: add checks for Related AAU linked to Pontes Accounts.
DRU8005: add checks for Related AAU linked to Pontes Accounts.

Delete DN-BIC Routing:
DRD8004: add check for PONTES CB DCW, PONTES DCW and PONTES CMBs during restoration of DN-BICs where the inserted DN must be linked at least with one of user of a certain participant.
DRD8005: add checks for Related AAU linked to Pontes Accounts

Report Configuration:
DRCV110: verification that PONTES reports must have opting party equal to owner party
DRCV120: verification that PONTES reports cannot use Exécution time, event type and currency fields, that System entity wide is set to false and Push flag is set to true.
DRUV110: verification that PONTES reports must have opting party equal to owner party
DRUV120: verification that PONTES reports cannot use Exécution time, event type and currency fields, that System entity wide is set to false and Push flag is set to true.

A2A message Specifications:
Introduction of the new account types for field:
acmt.025: Document/AcctQryList/AcctSchCrit/Tp/Prtry
acmt.026: Document/AcctListRpt/RptOrErr/AcctRpt/Acct/Tp/Prtry
acmt.007: Document/AcctOpngReq/Acct/Tp/Prtry
camt.009: introduction of PONTES CMB Limit (code SPLF)
camt.010: introduction of PONTES CMB Limit (code SPLF)
camt.011: introduction of PONTES CMB Limit (code SPLF)
camt.012: introduction of PONTES CMB Limit (code SPLF)
reda.015: introduction of Market Operator DLT Party Party Type
reda.017: introduction of Market Operator DLT Party Party Type
reda.019: introduction of Market Operator DLT Party Party Type
reda.021: introduction of Market Operator DLT Party Party Type

CRDM GUI
Screen documentation CRDM Account Monitoring Group: Introduction of possibility to add PONTES DCW to Account monitoring group
Screen documentation CRDM Authorised Account User: Introduction of possibility to create Authorised Account User for Pontes DCW and Pontes CB Wallet
Screen documentation CRDM Cash Account: Introduction of PONTES Account types, CLM dedicated Transit Account for PONTES and PONTES Restriction types
Screen documentation CRDM Parties: Introduction of PONTES Restriction types
Screen documentation CRDM Party Service Link: Introduction of PONTES Party Service Links
Screen documentation CRDM Grant Revoke System Privileges: Modification of Business rule DRGP020 to include Pontes privileges
Screen documentation CRDM Limits: Introduction of PONTES CMB Limit
Screen documentation CRDM Report configuration: Introduction of PONTES report types
Screen documentation CRDM PONTES directory: new screen for pontes directory
Screen documentation CRDM Standing/Predefined Liquidity Transfer Order: possibility to choose PONTES accounts
Screen documentation CRDM DN-BIC Routing: Introduction of possibility to create DN_BIC Routing for Pontes Authorised Account User
creen documentation Party: New Party type for Market DLT Operator
Screen Documentation Pontes Group: new functionality for Pontes Group
Screen Documentation Message Subscription Rule Set and Screen Documentation Message Subscription Rule: Updates of fields and business to cope with Pontes requirement on Message subscription rules for credi/debit notifications for camt.050.

CRDM Data Propagation

CRDM-PONTES
Data propagation from CRDM to PONTES is performed on every T2 business date at 17:00 in full mode. An ad-hoc event should be configured in T2-CLM Business date. It is possible to for the Service Operator to trigger the contingency propagation by scheduling this new event. The following reference data objects are propagated to PONTES:

- Party Module (Active and logically deleted objects):
  - Party Data (from CRDM-T2 Data propagation)
  - Party Name Data (from CRDM-T2 Data propagation)
  - Party code Data (from CRDM-T2 Data propagation)
  - Party Address (from CRDM Party Address minor entity)
  - Party Restriction Data (from CRDM-T2 Data propagation)
  - Party Service link (from CRDM-T2 Data propagation)
- Cash Account Module:
  - Cash Account Data (Active and logically deleted objects)
    - Cash Account number
    - Account Type (only DESP Dedicated Cash Account, DESP Transit Account, DESP Offline Transit Account, DESP Online Transit Account, Main Cash Account with default flag = True)
    - Opening Date
    - Closing Date
  - Cash Account Restriction Data (from CRDM-T2 Data propagation)
  - Authorized Account User
- Rules and Parameters Module
  - Service
  - System entity
  - Country
  - Currency
  - Currency Service Link
  - BIC Directory
  - DN-BIC Routing
  - Limit
  - Report Configuration
  - Message Subscription rule
  - Pontes Group

Propagation of intraday blocking/unblocking data: Blocking of Accounts and PONTES Parties must be immediately propagated from CRDM to PONTES. The following restriction types must be configured on CRDM for PONTES:

	Parties	Cash Account
Blocked for Credit	PPCR	PACR
Blocked for Debit	PPDB	PADE
Blocked for Credit and Debit	PPBO	PABO

The immediate propagation is performed via asynchronous messages structures transported on MQSeries messages.

CRDM-CLM
Updates to the views to be propagated to CLM:

- Object Party: Party Restriction Data: new restriction types for PONTES to be added for PRST_CD_RESTR
- Object Cash Account: Cash Account Data: new ACCT_CD_TYPE for PONTES and new restriction types for PONTES to be added for CRES_CD_RESTR
- Object Cash Account: Account Reserve Configuration Data: new filtering condition including PONTES accounts
- Object Service: Add PONTES as possible value for SRVC_DS_SHORT_NAM
- Object Currency Service Link: Add PONTES as possible value for CSLN_CD_SVC_SHNAME
- Object Liquidity Transfer Order: no updates to Interface document, however Rule-based LTs from/to PONTES should be propagated.

The party Service links, DN-BIC Routing and Authorised Account users under PONTES service are not propagated to T2.

BDM
Support in the definition of the new event for data propagation towards PONTES

DWH:
As there is no interface between Pontes & DWH described in CR-160, DWH only needs to include the changes performed by T2 & CRDM with regard to Pontes DCW:

- **T2-DWH:** Pontes-Interservice-Transactions will be delivered via T2 All transactions settled in CLM accounts with a leg in a Pontes account (MCA / CBA to DCW / CBW and vice versa) will occur as transaction to / from CLM Dedicated Transit Account For Pontes (CTPO), similar to TIPS.
- **CRDM-DWH:** New service, new account types, new AAU type. New roles and privileges (probably no impact, as DWH users might utilise the existing DWH roles). The format of Pontes Wallets and account shall be similar to the one of other TARGET Services (i.e. 34 characters). → Impact on T2 DWH PDR DXE02, DXE04, DXE05
- **BILL-DWH:** Impact on BIL03 & BIL06 based on monthly data export. Impact on BIL01, BIL02, BIL04, BIL05 assuming PONTES has a daily data export to BILL like T2 / T2S / TIPS
- **Statistical Classification Framework**: new transaction categories for interservice transactions
- **Adaptions in DWH-AE:** new attributes / enumerations for account types, party types and transaction types needs to be added. New Service Type and Party Service Link needs to be added.

Impact on other TARGET Services

T2S: The following common CRDM objects are impacted: Cash Account, Party, Report Configuration, Limit, Message subscription rule and rule set. There is no direct impact on T2S usage of these common objects.

TIPS: The following common CRDM objects are impacted: Cash Account, Party, Report Configuration, Limit, Message subscription rule and rule set. There is no direct impact on TIPS usage of these common objects.

ECMS: No impact on ECMS.

Summary of project risk

Risk for low quality of software due to short implementation time and hence early delivery.

Security analysis