General Information (Origin of Request)	
☐ User Requirements (URD)	
☒ Other User Functional or Technical Documentation (SYS)	

Request raised by: Banco de España	Institute: Central Bank	Date raised: 10/05/2016

Request title: Cash Account Postings GUI Screen to include the T2S Actor References	Request ref. no: T2S 0611 SYS

Request type: Common	Classification: Enhancement	Urgency: Medium

1. Legal/business importance parameter[1]: Medium	2. Market implementation efforts parameter[2]: Low
3. Operational/Technical risk parameter[3]: Low	4. Financial impact parameter[4]: Low-Medium
Requestor Category: Eurosystem	Status: Implemented

Reason for change / expected benefits / business case:

Currently, the only reference provided by the T2S GUI on the Cash Account Postings screen is the T2S **Internal Reference**. As far as the cash participant is concerned this reference has little added value (i.e. it cannot be reconciled with any previously known information). The T2S reference is assigned internally by the T2S application and does not have a predefined structure whereby the participant can identify and properly reconcile the transaction once the posting is generated on the DCA.

Therefore, the inclusion of the relevant actor references on the Cash Account Postings screen and related A2A message (the camt.006) would provide comprehensive reconciliation references to the users and thus, it would increase the operational and business value of the screen and respective A2A message. The proposed change would align the screen and the T2S Dedicated Cash Account Posting Query Response (camt.006) with the Bank to Customer Debit Credit Notification (camt.054) in terms of reference information.

The addition of the T2S Actor references as search criterion in the Cash Account Postings screen would help cash users to filter and reconcile the relevant postings using information known to the user beforehand (i.e. the End to End business reference or T2S Actor reference). This search criterion would also be very helpful to reconcile outbound liquidity transfers.

Description of the requested change:

a) Cash Account Postings Screen

1. Enhancement of the Cash Account Postings screen to include the relevant T2S Actor references for cash postings resulting from liquidity transfers and settlement instruction as follows:

Settlement Instructions	Liquidity Transfers
Account Owner Reference (In camt.054: Account Owner Transaction Identification)	End to End Identification (in camt.054: Instruction Identification)

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[1] The legal/business importance parameter was set to Medium because the CR would bring a significant operational improvement compared to other solutions put in place in the interim

[2] The market implementation efforts parameter was set to Low because limited adaptation is needed for T2S users- those receiving camt.006 today must be able to receive an additional block

[3] The operational/technical risk parameter was set to Low as the CR is not touching operationally critical processes, and subject to confirmation of the absence of performance impacts

[4] The financial impact parameter was set to Low-Medium based on the following scale: Low < 100kEUR < Low-Medium < 200kEUR < Medium < 400kEUR < High < 700kEUR < Very High

Account Servicer Reference (In camt.054: Account Servicer Transaction Identification)	Technical Identifier of LT (in camt.054: Account Servicer Reference)
T2S Reference (in camt.054: Market Infrastructure Transaction Identification)	
Third Party Reference (in camt.054: Processing Identification)	

2. The T2S Actor reference should become a search criterion in this Cash Account Postings screen.

b) camt.006

Enhancement of the camt.006 message to include the relevant T2S Actor references for cash postings resulting from settlement instruction as follows:

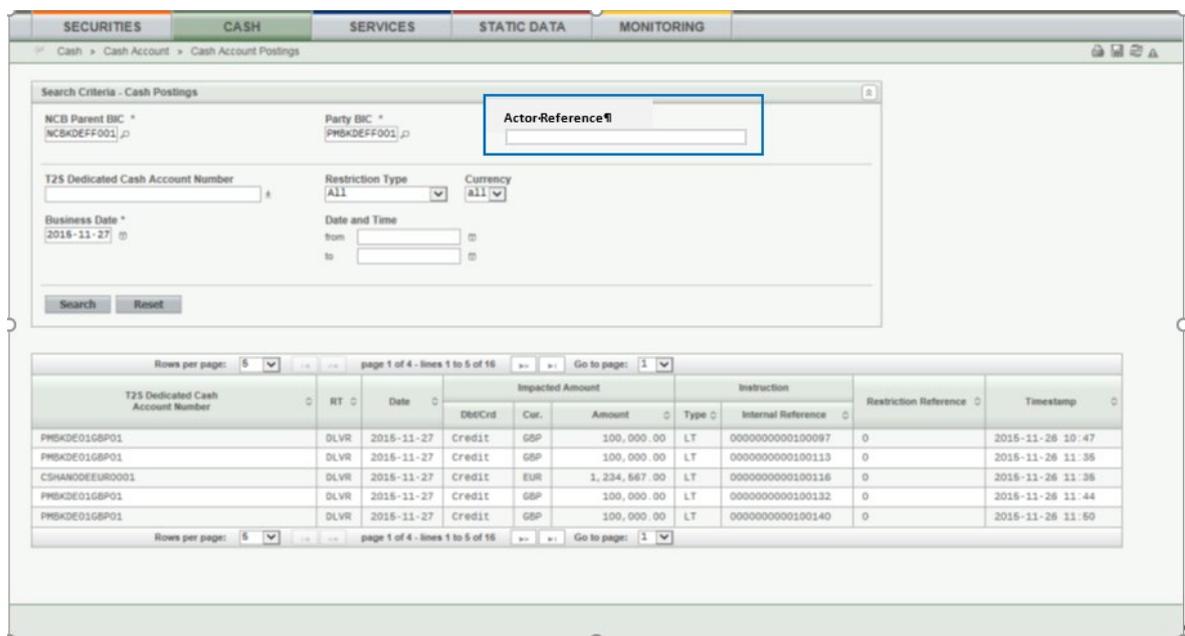| Settlement Instructions	Liquidity Transfers
Account Owner Transaction Id To be reported in field RtrTx/RptOrErr/BizRpt/TxRpt/ TxOrErr/Tx/SctiesTxRefs/AcctOwnrTxId Current mapping to field RtrTx/RptOrErr/BizRpt/TxRpt/ TxOrErr/Tx/Pmt/TxId to be removed	End to End Identification (Instructing Party Reference) Current mapping to field RtrTx/RptOrErr/BizRpt/TxF TxOrErr/Tx/Pmt/TxId remains
Account Servicer Transaction Id To be reported in field RtrTx/RptOrErr/BizRpt/TxRpt/ TxOrErr/Tx/SctiesTxRefs/AcctSvcrTxId	
Market Infrastructure Transaction Id To be reported in field RtrTx/RptOrErr/BizRpt/TxRpt/ TxOrErr/Tx/SctiesTxRefs/MktInfrstrctrTxId Current mapping to field RtrTx/RptOrErr/BizRpt/TxRpt/ TxOrErr/Tx/Pmt/MsgId to be removed	Technical Identifier of LT Current mapping to field RtrTx/RptOrErr/BizRp TxOrErr/Tx/Pmt/MsgId remains
Processing Id To be reported in field RtrTx/RptOrErr/ BizRpt/TxRpt/ TxOrErr/Tx/SctiesTxRefs/PrcgId	

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High level description of Impact:

Submitted annexes / related documents:

Proposed wording for the SYS Change request:

UHB

2.3.1.12 T2S DCA Postings - Search/List Screen

The screen "T2S DCA Postings - Search/List Screen" is updated with the addition of the optional search criteria "Actor Reference" as shown in the screenshot below.

Field Description

Cash Postings – Search Criteria	

Actor Reference	You can choose to enter one of the following references depending on whether you are querying on cash movements related to a settlement instruction or a liquidity transfer: :
	
	• For a settlement instruction:
	  o Account Owner Reference
	  o Account Servicer Reference
	  o T2S Reference
	  o Third Party Reference
	
	• For a liquidity transfer:
	  o End to End Identification
	  o Technical Identifier of LT
	
	If you fill in the Actor Reference, only Liquidity transfers or Settlement instructions related to this reference are returned,
	
	When the Actor reference is not found in SI or LT, the message "No record found" is displayed.

The List of results (Cash postings returned for the input criteria) is updated as follow:

account owner reference	T2S reference	Account servicer reference	Third party reference	End to End Id	Technical Identifier
CR38802010	CR38802010	CR38802010	CR38802010	CR38802010	CR38802010
CR68802007	CR68802007	CR68802007	CR68802007	CR68802007	CR68802007
CR68802008	CR68802008	CR68802008	CR68802008	CR68802008	CR68802008
CR68802009	CR68802009	CR68802009	CR68802009	CR68802009	CR68802009

Cash Postings – List	
Instruction	
Account Owner Reference	Shows the Account Owner Transaction Identification of the instruction related to the cash posting.
T2S Reference	Shows the Market Infrastructure Transaction Identification of the instruction related to the cash posting.
Account Servicer Reference	Shows the Account Servicer Transaction Identification of the instruction related to the cash posting
Third Party Reference	Shows the Processing Identification of the instruction related to the cash posting
End to End Id	Shows the End to End Identification of the Liquidity Transfer related to the cash posting
Technical Id	Shows the Technical Identifier of the Liquidity Transfer related to the cash posting

UDFS
3.3.3.4 ReturnTransactionV07 (camt.006.001.07)
3.3.3.4.3 The message in business context
Message usage: T2S Dedicated Cash Account Posting Query Response (UDFS 6.0(draft) page 1137 ff.)
This query returns information on cash postings of T2S Dedicated Cash Accounts that match the specified selection parameter. Therefore the following information is extracted:

- […]
- Transaction references and type of the underlying transaction which generated the posting (Settlement Instruction, Settlement Restriction or liquidity transfer);
- […]

MESSAGE ITEM	DATA TYPE/ CODE	UTILISATION
[…]	[…]	[…]
MessageIdentification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/MsgId	RestrictedFINXMax35Text	Transaction reference of the underlying transaction which generated the posting (~~settlemt instruction or~~ liquidity transfer)
[…]	[…]	[…]
Identification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/AcctNtry/Ntry/Id	RestrictedFINXMax16Text	Unique identifier of the posting
Account Owner Transaction Identification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/AcctOwnrTxId	RestrictedFINXMax35Text	Account Owner Transaction Identification of the underlying transaction which generated the posting (settlement instruction)
Account Servicer Transaction Identification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/AcctSvcrTxId	RestrictedFINXMax35Text	Account Servicer Transaction Identification of the underlying transaction which

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		generated the posting (settlement instruction)
Market Infrastructure Transaction Identification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/MktInfrstrctrTxId	RestrictedFINXMax35Text	Market Infrastructure Transaction Identification of the underlying transaction which generated the posting (settlement instruction)
Processing Identification Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/PrcgId	RestrictedFINXMax35Text	Processing Identification of the underlying transaction which generated the posting (settlement instruction)

Impact on message documentation on MyStandards / schema:
camt.006.001.08:
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/MsgId
  - Update of the T2S-use: Transaction reference of the underlying transaction which generated the posting (~~settlement instruction or~~ liquidity transfer order)
  - Update of the T2S-mapping: Cash Posting Liquidity Transfer Technical Identifier: Cash Posting ~~OR Cash Posting Settlement Restriction Reference: Cash Posting OR Cash Posting Settlement Instruction Reference: Cash Posting~~
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/TxId
  - Update of the T2S-mapping: Reference of Instructor: Liquidity Transfer ~~OR T2S Actor Instruction Reference: LCMM Instruction~~
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs: Unprune element. Multiplicity [0..1] (same for the sub elements below)
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/AcctOwnrTxId:
  - Change datatype to RestrictedFINXMax35Text
  - Add T2S-use: Account Owner Transaction Identification of the underlying transaction which generated the posting (settlement instruction)
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/AcctSvcrTxId:
  - Change datatype to RestrictedFINXMax35Text
  - Add T2S-use: Account Servicer Transaction Identification of the underlying transaction which generated the posting (settlement instruction)
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/MktInfrstrctrTxId:
  - Change datatype to RestrictedFINXMax35Text
  - Add T2S-use: Market Infrastructure Transaction Identification of the underlying transaction which generated the posting (settlement instruction)
- Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/SctiesTxRefs/PrcgId:
  - Change datatype to RestrictedFINXMax35Text
  - Add T2S-use: Processing Identification of the underlying transaction which generated the posting (settlement instruction)

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Outcome/Decisions:

* CRG meeting on 24 May 2016: The CRG put the Change Request on hold for the T2S Release 2.0 potentially.

* CRG meeting on 6/7 July 2016: The CRG decided to remove requirement a) 3 - Cash Account Postings screen to include the functionalities Display Settlement Instruction or Restriction and Display Liquidity Transfer.

* CRG meeting on 26 October 2016: The CRG agreed that the Change Request can be considered mature from a content point of view and therefore, it is ready for its preliminary assessment. The preliminary assessment will be based on the assumption that a new reference block will be available in the camt.006 message to include the relevant T2S Actor references.

* CRG on 10 November 2016: the CRG recommended the launch of the preliminary assessment of the Change Request in a written procedure from 4 to 10 November 2016.

* OMG on 02 December 2016: During a written procedure from 11 November 2016 to 02 December 2016, the Operations Managers Group did not identify any blocking operational impact of the Change Request

* CRG meeting on 12/13 December 2016: The CRG took note of the T2S functionalities/modules impacted by the Change Request following the 4CB preliminary assessment.

* CRG meeting on 26 March 2018: the CRG agreed that the new block 'Securities transaction references' in the camt.006 should be used only for references of settlement instructions and not for references of liquidity transfers. The initiator

updated the CR accordingly.

* CRG on 18 November 2020: the CRG agreed to recommend CR-611 for authorisation by the T2S Steering Level

* PMG on 19 November 2020: the PMG proposed to allocate CR-611 to R6.0, and launched its detailed assessment.

* AMI-SeCo on 27 November 2020: the AMI-SeCo agreed to the recommendation of the CRG to authorise CR-611.

* CSG on 27 November 2020: the CSG agreed to authorise CR-611.

* NECSG on 27 November 2020: the NECSG agreed to authorise CR-611.

* MIB on 21 December 2020: the MIB agreed to authorise CR-611.

* CRG on 14 May 2021: the CRG agreed to recommend to the PMG the inclusion of CR-611 in the scope of R6.0

* OMG on 14 May 2021: the OMG identified no additional operational impact due to the inclusion of CR-611 in R6.0

* PMG on 17 May 2021: the PMG agreed to include CR-611 in the scope of R6.0

* CSG on 28 May 2021: the CSG approved the inclusion of CR-611 in the scope of R6.0.

* NECSG on 28 May 2021: the NECSG approved the inclusion of CR-611 in the scope of R6.0.

* MIB on 1 July 2021: the MIB approved the inclusion of CR-611 in the scope of R6.0.

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Preliminary assessment:

- **Impacted functionality/module:** U2A, A2A, SETT, LTSI

- **Findings:**

  o   Negative performance impact expected.

No further functional, technical and risk related issues have been identified beyond the elements already described in the Change Request.

Detailed assessment

EUROSYSTEM ANALYSIS – GENERAL INFORMATION	

	T2S Specific Components	Common Components
LCMM		
	Instructions validation	
	Status management	
	Instruction matching	
	Instructions maintenance	
	Penalty Mechanism	
Settlement		
	Standardisation and preparation to settlement	
	Night-time Settlement	
	Daytime Recycling and optimisation	
X	Daytime Validation, provisioning & booking	
	Auto-collateralisation	
Liquidity Management		
	Outbound Information Management	
	NCB Business Procedures	
	Liquidity Operations	

T2S Interface *(as of June 2022 without Static Data Management, Communication for SDMG, Scheduler, Billing)*		
X	Communication	
	Outbound Processing	
	Inbound Processing	

Static Data Management *(until June 2022)*		**Common Reference Data Management** *(from R6.0 June 2022)*	
	Party data management		Party data management
	Securities data management		Securities data management
	Cash account data management		Cash account data management
	Securities account data management		Securities account data management
	Rules and parameters data management		Rules and parameters data management

Statistics and archive		**Statistics and archive**	
	Statistical information (until June 2022)		Short term statistical information
	Legal archiving (until June 2022)		Legal archiving (from R6.0)
			Data Warehouse (from R6.0)

Information *(until June 2022 containing reference data)*		**CRDM business interface** *(from R6.0 June 2022)*	
	Report management		Report management
X	Query management		Query management
			Communication
			Outbound Processing
			Inbound Processing

Operational Services			
	Data Migration (T2S DMT)		Data Migration (CRDM DMT, from R6.0)
	Scheduling (until June 2022)		Business Day Management (from R6.0)
			Business Day Management business interface (from R6.0)
	Billing (until June 2022)		Billing (from R6.0)
			Billing business interface (from R6.0)
	Operational Monitoring		Operational and Business Monitoring
	MOP Contingency Templates		

Impact on major documentation		
Document	**Chapter**	**Change**
Impacted GFS chapter		
Impacted UDFS chapter	3.3.3.4 ReturnTransactionV08 (camt.006.001.08)	Update of the text and table for the message usage T2S Dedicated Cash Account Posting Query Response
Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates)	Message documentation for camt.006	Update of the schema Upload to MyStandards Update of the message example camt.006.001.08_T2S_DedicatedCashAccountPostingQueryResponse_Example.xmlq

UHB	**SETT** 2.3.1.12 T2S DCA Postings - Search/List Screen	Update screen with the addition of the T2S Actor Reference as a new criteria in the search criteria	
External training materials			

Links with other requests					
Links	Reference			Title	

OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2S SYSTEM AND ON THE PROJECT
Summary of functional, development, infrastructure and migration impacts
The message schema of the camt.006 has to be updated along with the respective UDFS chapter. Furthermore the DCA Postings - Search/List Screen will be enhanced to include the T2S Actor references as search criterion, which is also to be added in the respective UHB chapter. **Main Cost drivers:** • Update of message camt.006 in order to include the described changes, i.e. adding the new transaction references.
Impact on other TARGET Services and projects
ECMS: no impact TIPS: no impact CSLD: no impact TARGET2: no impact DWH: No impact on DWH
Summary of project risk
None
Security analysis
No potentially adverse effect has been identified during security assessment.

DG - MARKET INFRASTRUCTURE & PAYMENTS   **ECB-PUBLIC**

target | services | T2S

26 April 2021

Cost assessment on Change Requests

T2S-611-SYS – Cash Account Postings GUI Screen to include the T2S Actor References			
One-off	Assessment costs* - Preliminary - Detailed	2,000.00 10,000.00	Euro Euro
One-off	Development costs	109,680.06	Euro
Annual	Operational costs - Maintenance costs - Running costs	 9,563.06 0.00	 Euro Euro

*The relevant assessment costs will be charged regardless of whether the CR is implemented (Cf. T2S Framework Agreement, Schedule 7, par. 5.2.3).