

General Information (Origin of Request)		
<input checked="" type="checkbox"/> User Requirements Document (URD) <input type="checkbox"/> User Detailed Functional Specification (UDFS) <input type="checkbox"/> User Handbook (UHB) <input type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: TSWG	Institute: TSWG	Date raised: September 2022
Request title: Creditor/Debtor in AS Standing Order		Request ref. no: CSLD-0116-URD
Request type: Common		
1. Legal/business importance parameter:	2. Market implementation efforts parameter – Stakeholder impact: Low	
3. Operational impact:	4. Financial impact parameter:	
5. Functional/ Technical impact:	6. Interoperability impact:	
Requestor Category: Central Banks	Status: Approved	

Reason for change and expected benefits/business motivation:

In the context of TARGET2 ASI model 6 Real Time, a dedicated screen allows users to set up standing order debiting the PM account and crediting the AS technical account at the start of the mandatory procedure. This screen includes Creditor BIC and Debtor BIC fields. The user can input a BIC there which is then passed on to the AS through an AS transfer notice once the standing order has settled. This functionality was not specified for standing orders related to AS settlement procedure D in T2 and therefore not implemented. This change request reinstates the functionality in the T2 context.

Description of requested change:

It should be possible (but not mandatory) to set up and maintain in U2A four additional attributes of CRDM standing orders when the “AS Procedure” attribute of the standing order has value “Procedure D, automated start of mandatory procedure” (and only in that case):

- Creditor BIC, which needs to be a valid BIC (from SWIFT Bank Directory Plus)
- ASTN creditor account, with type TARGET_RestrictedFINXMax34Text
- Debtor BIC, which needs to be a valid BIC (from SWIFT Bank Directory Plus)
- ASTN debtor account, with type TARGET_RestrictedFINXMax34Text

If this standing order related information is populated and successfully propagated to T2, those attributes should then be provided in the pain.998 AS Transfer Notice and camt.054 debit notification sent after the standing order liquidity transfer related to AS settlement procedure D has settled in RTGS as follows:

CRDM Standing Order Attribute	Pain.998 ASTN element	Camt.054 (debit notification) element
		Note: camt.053 statement of account needs to be updated as well in a consistent manner
creditor BIC	[...]/T2PrtryData/PmtInf/PmtTx/Cdtr/FI/BIC	[...]/NtryDtls/TxDtls/RltdPties/Cdtr/Pty/Id/Or gId/AnyBIC

ASTN creditor account	[...]/T2PrtryData/PmtInf/PmtTx/CdtrAcct/DmstAcct/Id	N/A
debtor BIC	[...]/T2PrtryData/PmtInf/Dbtr/Fl/BIC	[...]/NtryDtls/TxDtls/RltdPties/Dbtr/Pty/Id/OrgId/AnyBIC
ASTN debtor account	[...]/T2PrtryData/PmtInf/DbtrAcct/DmstAcct/Id	N/A

There should be no change to the pain.998 ASTN / camt.054 if the additional fields are not populated.

When the "AS Procedure" attribute of the standing order has value "Procedure D, automated start of mandatory procedure" (and only in that case), the following 2 standing order additional attributes can be updated in CRDM in A2A through the following elements of the camt.024 message

CRDM Standing Order Attribute	Camt.024 element
creditor BIC	/Document/ModifyStgOrdr/NewStgOrdrValSet/Cdtr/FinInstnId/BICFI
debtor BIC	/Document/ModifyStgOrdr/NewStgOrdrValSet/Dbtr/FinInstnId/BICFI

Those 2 elements will also be available in the camt.070:

CRDM Standing Order Attribute	Camt.070 element
creditor BIC	/Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrOrErr/StgOrdr/Cdtr/FinInstnId/BICFI
debtor BIC	/Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrOrErr/StgOrdr/Dbtr/FinInstnId/BICFI

Submitted annexes / related documents:

None

Proposed wording for the Change request:

Updated SHRD.UR.BDD.120

UDFS

CRDM

3.1.1.1 Cash Management (camt)

3.1.1.1 ModifyStandingOrder (camt.024)

Overview and scope of the message

[...]

3.1.1.1.2 Schema

[...]

MESSAGE ITEM	BUSINESS RULES
ModifyStandingOrder Document/ModfyStgOrdr	DCU4001 DCC4001
Liquidity transfer Order Identification Document/ModfyStgOrdr/StgOrdrId/Id	DCU4003 DCU4030 DCC4075 DCC4300
Account Identification Document/ModfyStgOrdr/StgOrdrId/Acct/Id/Othr/Id	DCC4070 DCU4003
Amount Document/ModfyStgOrdr/NewStgOrdrValSet/Amt/AmtWthCcy	DCC4092 DCU4091 DCU4092 DCC4093 DCU4093
<u>Creditor</u> <u>Document/ModfyStgOrdr/NewStgOrdrValSet/Cdtr/FinInstnId/BICFI</u>	<u>DCC4205</u> <u>DCU4072</u> <u>DCU4205</u>
Creditor Account Document/ModfyStgOrdr/NewStgOrdrValSet/CdtrAcct/Id/Othr/Id	DCC4080 DCC4200 DCU4200 DCC4079 DCC4185 DCU4185
<u>Debtor</u> <u>Document/ModfyStgOrdr/NewStgOrdrValSet/Dbtr/FinInstnId/BICFI</u>	<u>DCC4205</u> <u>DCU4073</u> <u>DCU4205</u>
Debtor Account Document/ModfyStgOrdr/NewStgOrdrValSet/DbtrAcct/Id/Othr/Id	DCC4185 DCU4185
ActiveCurrencyCode Document/ModfyStgOrdr/NewStgOrdrValSet/Amt/AmtWthCcy/@Ccy	DCC4800 DCU4800
Execution Type Document/ModfyStgOrdr/NewStgOrdrValSet/ExctnTp/Evt/Prtry	DCC4090 DCU4090 DCC4081 DCC4200 DCU4081 DCU4200 DCC4210 DCU4210
Time Document/ModfyStgOrdr/NewStgOrdrValSet/ExctnTp/Tm	DCC4090
Validity Period Document/ModfyStgOrdr/NewStgOrdrValSet/VldtyPrd	DCC4120 DCU4140 DCU4141 DCU4130 DCC4200 DCU4200 DCC4121 DCU4010 DCU4030
ZeroSweepIndicator Document/ModfyStgOrdr/NewStgOrdrValSet/ZeroSweepInd	DCC4092 DCU4091 DCU4092

3.1.1.1.2 Schema

[...]

Usage Case: AS settlement procedure D RTGS Modify standing order

This usage case describes the update of a Liquidity transfer Order in CRDM for RTGS service for AS settlement procedure D.

Specific message requirements

MESSAGE ITEM	BUSINESS RULES
[...]	
Type Document/ModifyStgOrder/StgOrderId/Account/Type/Priority	Possible values are: CREA - To Create a Standing Order UPDA - To Modify a Standing Order

5.1. Business Rules

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2 S	TIP S	RTG S	CL M	ECONS 2
DCC420 5	When performing a Liquidity Transfer Order Create request, Creditor BIC, Debtor BIC, ASTN Creditor Account and ASTN Debtor Account can only be specified in case of standing order for AS settlement procedure D.	camt.024	camt.025	REJT	Invalid use of AS Procedure	No	No	Yes	No	No
DCU407 2	When performing a Liquidity Transfer Order update request, the 'Creditor BIC', if specified, must exist in the BIC Directory.	camt.024	camt.025	REJT	Invalid Creditor BIC	No	No	Yes	No	No
DCU407 3	When performing a Liquidity Transfer Order update request,	camt.024	camt.025	REJT	Invalid Debtor BIC	No	No	Yes	No	No

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2 S	TIP S	RTG S	CL M	ECONS 2
	<u>the Debtor BIC, if specified, must exist in the BIC Directory.</u>									
DCU4205	<u>When performing a Liquidity Transfer Order Update request, Creditor BIC, Debtor BIC, ASTN Creditor Account and ASTN Debtor Account can only be specified in case of standing order for AS settlement procedure D.</u>	camt.024	camt.025	REJT	<u>Invalid use of AS Procedure</u>	No	No	Yes	No	No

RTGS UDFS

3.2.2 Reference data for accounts used by RTGS

3.2.3 Functionalities

[...]

Standing order liquidity transfer order

[...]

In case a configuration for a standing order liquidity transfer is propagated which is not considered as valid by RTGS such standing order liquidity transfer will not exist on the upcoming business day in RTGS.

Note: In case information on BICs is provided in standing order liquidity transfers related to AS settlement procedure D, the BICs used need to be valid BICs. Otherwise the standing order liquidity transfer will not be considered on the upcoming business day in RTGS.

12.5.1 ASTransferNotice (pain.998)

12.5.1.3 The message in business context

Debtor Account Id /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/ DbtrAcct/DmstAcct/Id	<u>If payment scheme code is "SOR", this field is populated from the debtor account noted in the standing order (if present).</u> If payment scheme code is "CDS" this field is populated from the Debtor Account field of the order (if present on the order). If payment scheme codes is " SOR " or "CUO", this field is not used.
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Table 393 - ASTransferNotice (pain.998 ASTN)

UHB
CRDM

2.3.2.9 Standing/Predefined Liquidity Transfer Order – Details Screen

Fields
Description
n

Standing/Predefined Liquidity Transfer Order	
[...]	

<u>AS Standing Order Data</u>	
<u>Only visible for Liquidity Transfer Order when the AS Procedure D is selected.</u>	
<u>Creditor BIC</u>	<u>Shows the creditor BIC related to the Ancillary System Technical Account.</u>
<u>ASTN Creditor Account</u>	<u>Shows the creditor Ancillary System Technical Account.</u>
<u>Debtor BIC</u>	<u>Shows the debtor BIC related to the Ancillary System Technical Account.</u>
<u>ASTN Debtor Account</u>	<u>Shows the debtor Ancillary System Technical Account.</u>

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

Fields
Description

Standing/Predefined Liquidity Transfer Order	
[...]	

AS Standing Order Data

Only visible for Liquidity Transfer Order when the AS Procedure D is selected.

<u>Creditor BIC</u>	<p><u>Enter or select the creditor BIC related to the Ancillary System Technical Account.</u></p> <p><u>Reference for error message [▶]:</u></p> <p><u>! DCC4072</u></p> <p><u>! DCC4073</u></p> <p><u>Required format is: BIC.</u></p>
<u>ASTN Creditor Account</u>	<p><u>Enter the creditor Ancillary System Technical Account.</u></p> <p><u>Required format is: max. 34x characters.</u></p>
<u>Debtor BIC</u>	<p><u>Enter or select the debtor BIC related to the Ancillary System Technical Account.</u></p> <p><u>Reference for error message [▶]:</u></p> <p><u>! DCC4073</u></p> <p><u>! DCU4073</u></p> <p><u>Required format is: BIC.</u></p>
<u>ASTN Debtor Account</u>	<p><u>Enter the debtor Ancillary System Technical Account.</u></p> <p><u>Required format is: max. 34x characters.</u></p>

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

Reference for error message	Field or Button	Error Text	Description
[...]			
<u>DCC4072</u>	<u>! Creditor BIC</u> <u>! Submit button</u>	<u>Invalid Creditor BIC</u>	<u>When performing a Liquidity Transfer Order Create request, the ‘Creditor BIC’, if specified, must exist in the BIC Directory.</u>
<u>DCC4073</u>	<u>! Debtor BIC</u> <u>! Submit button</u>	<u>Invalid Debtor BIC</u>	<u>When performing a Liquidity Transfer Order Create request, the ‘Debtor BIC’, if specified, must exist in the BIC Directory.</u>
<u>DCC4205</u>	<u>! AS Procedure field</u> <u>! Creditor BIC</u> <u>! Debtor BIC</u>	<u>Invalid use of AS Procedure</u>	<u>When performing a Liquidity Transfer Order Create request, Creditor BIC, Debtor BIC, ASTN Creditor Account and ASTN Debtor Account can only be specified in case</u>

Reference for error message	Field or Button	Error Text	Description
	<u>! ASTN Creditor Account</u> <u>! ASTN Debtor Account</u> <u>! Submit button</u>		<u>of standing order for AS settlement procedure D.</u>
[...]			
<u>DCU4072</u>	<u>! Creditor BIC</u> <u>! Submit button</u>	<u>Invalid Creditor BIC</u>	<u>When performing a Liquidity Transfer Order update request, the 'Creditor BIC', if specified, must exist in the BIC Directory.</u>
<u>DCU4073</u>	<u>! Debtor BIC</u> <u>! Submit button</u>	<u>Invalid Debtor BIC</u>	<u>When performing a Liquidity Transfer Order update request, the 'Debtor BIC', if specified, must exist in the BIC Directory.</u>
<u>DCU4205</u>	<u>! AS Procedure field</u> <u>! Creditor BIC</u> <u>! Debtor BIC</u> <u>! Submit button</u>	<u>Invalid use of AS Procedure</u>	<u>When performing a Liquidity Transfer Order Update request, Creditor BIC, Debtor BIC, ASTN Creditor Account and ASTN Debtor Account can only be specified in case of standing order for AS settlement procedure D.</u>

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 LIQUIDITY MANAGEMENT (CLM)	GENERAL	CLM Payment Order				
		CLM Liquidity Transfer Order				
		CLM Liquidity Reservation				
	CENTRAL BANK SERVICES	Modify Credit Line				
		Connected Payments				
		Overnight Deposit				
		Marginal Lending				
		Minimum Reserve Management				
		EoD General Ledger Files				
	REAL-TIME GROSS SETTLEMENT (RTGS)	GENERAL	RTGS Payment Order			
Queue Management						
RTGS Liquidity Transfer Order						
RTGS Liquidity Reservation						
RTGS Services for Ancillary Systems (AS)			X			
CB SERVICES						
COMMON	GENERAL	ESMIG				
		CRDM	X			

		Business Day				
		User Roles and Access				
		Information and Reporting				
		Data Warehouse Services				
	CENTRAL BANK	Billing				
		Legal Archiving				
		Contingency Settlement				
4CB internal categories	Operational Tools					
	Automation					

Impact on major documentation		
Document	Chapter	Change
Impacted UDFS chapter	<u>CRDM:</u> 3.1.1.1 ModifyStandingOrder (camt.024) 3.1.1.1.2 Schema 5.1. Business Rules <u>RTGS:</u> 3.2.3 Functionalities 12.5.1.3 The message in business context (pain.998_ASTN)	Amendment of Schema, usage case and Business rules for Liquidity Transfer Order. Amendment of paragraph 'Standing order liquidity transfer order' Amendment of 'Utilisation' of elements
Additional deliveries for Message Specification/ MyStandards	<u>CRDM:</u> ModifyStandingOrder (camt.024) ReturnStandingOrder(camt.070) <u>RTGS:</u> ATransferNotice (pain.998)	Amendment of processing of the messages stemming from the introduction of debtor and Creditor BIC in CRDM GUI. Amendment of annotations for CRDM usage. Amendment of annotations for RTGS usage.
UHB		
External training materials		
Other impacted documentation		
Impacted GDPR message/ screen fields		
Other documentations	<u>CRDM:</u> Data Model	Amendment in order to introduce four new optional fields for Liquidity Transfer Order.
Links with other requests		
Links	Reference	Title
OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2SYSTEM AND ON THE PROJECT		
Summary of functional, technical, operational, stakeholder, financial and interoperability impacts		

CRDM:

Introduction of the following four optional fields in CRDM Standing/Predefined Liquidity Transfer Order screen:

- Creditor BIC
- ASTN Creditor Account
- Debtor BIC
- ASTN Debtor Account

This amendment requires

- The introduction of four new business rules for Liquidity Transfer Order object that prevent the insertion of a Creditor/Debtor BIC not defined into the CRDM BIC Directory (DCC4072, DCC4073, DCU4072, DCU4073)
- The introduction of two new business rules for Liquidity Transfer Order object that prevent the use of the new fields in an usage case different from AS Settlement Procedure D (DCC4205, DCU4205)
- The data model of Liquidity Transfer Order object must be amended accordingly
- Processing of camt.070 must be updated in order to manage the Debtor and Creditor BIC. In particular, camt.070 will retrieve the Debtor and Creditor BIC when previously defined for the searched Liquidity Transfer order.
- Change of Business rules DRUQ005 and DRDQ040 for BIC directory in order to prevent the closure and deletion of BICs referenced into a Liquidity Transfer as Creditor and Debtor BIC.

CLM/RTGS:

- The information in these fields shall only be propagated in case of AS settlement procedure D, but it is not mandatory. There is no dependency between the four fields, they can be filled, or not, independently of each other.
- Any change is restricted to RTGS only
- The data in the cash account number fields must only meet format TARGET_RestrictedFINXMax34Text, there should be **no other checks**.
- Any BIC propagated must be a valid BIC. This is the only check to be conducted in CLM/RTGS as regards the BICs propagated (i.e. NO check is conducted whether the BIC propagated refers to any account known in CLM/RTGS).
- RTGS already puts the credited/debited account numbers in the camt.054 creditor/debtor elements this shall NOT be changed.
- Camt.053 needs to be adapted in line with the changes in the camt.054.
- There should be no change to the pain.998 ASTN / camt.054 if the additional fields are not populated.
- Camt.005/camt.006 RTGS A2A and U2A remain unchanged as based on this CR no new requirements need to be considered.

Main cost drivers

CRDM:

- Changes on IDFS GUI and BE for the Liquidity Transfer order and BIC Directory functionality
- Amendment of schemas for Liquidity Transfer Order context (ModifyStandingOrder (camt.024) and ReturnStandingOrder(camt.070)) and processing
- Amendment of database for Liquidity Transfer Order context, amendment of processing for Create Liquidity Transfer Order, Update Liquidity Transfer Order, Update T2S BIC Directory, Delete T2S BIC Directory
- Enhancement of Data Propagation Flows with the new fields for Liquidity Transfer Order context and some additional checks required by CLM/RTGS
- Amendment of Liquidity Transfer Order – New Screen, Liquidity Transfer Order – Edit Screen, Liquidity Transfer Order – Details Screen

CLM/RTGS:

- Update of data loading process to consider the new information
- Update AS related processes as well as outbound process to consider the new attributes
- Coordinated EoD/SoD (incl. DP&L) tests

Impact on other TARGET Services and projects

T2S: Although Liquidity Transfer Order is a common functionality for T2S, we do not foresee any impact.

TIPS: Although Liquidity Transfer Order is a common functionality for TIPS, we do not foresee any impact.
ECMS: No impact
TARGET2: No impact
Summary of project risk
None
Security analysis
No potentially adverse effect was identified during the security assessment.