

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: TARGET Analytics Group	Institute: ECB	Date raised: 8 October 2019
Request title: Ancillary System sub-type		Request ref. no: CSLD-0030-URD
Request type: Common		
1. Legal/business importance parameter: Low	2. Market implementation efforts parameter – Stakeholder impact: Low	
3. Operational impact: na	4. Financial impact parameter:	
5. Functional/ Technical impact: High	6. Interoperability impact: na	
Requestor Category: Central Banks		Status: 4CB Detailed assessment

Reason for change and expected benefits/business motivation:

The Task Force for Statistical Classification Framework defined a high-level categorisation of transactions as basis for developing a statistical framework for the future TARGET services and support analytical work.

One of the Transaction Classes proposed for RTGS was the Ancillary System (AS) Transaction with the following Transaction Categories:

- 01 High-Value-Payment-Systems (HVPS)
- 02 Retail-Payment-Systems (RPS)
- 03 Instant-Payment-Systems (IPS)
- 04 Security-Settlement-Systems (SSS)
- 05 Foreign-Exchange-Settlement-Systems (FXS)
- 06 Money-Market-Settlement-Systems (MMS)
- 07 Central-Counter-Parties (CCP)
- 09 Other (OTH)

The 4CB feasibility assessment of the Task Force’s proposal indicated that the identification of AS classification is currently not foreseen in RTGS and a Change Request will be needed to include AS Transaction types to CRDM.

Description of requested change:

There should be a new mandatory party attribute for AS – AS sub-type, where CBs can specify only one of the following values:

- High-Value-Payment-Systems (HVPS)
- Retail-Payment-Systems (RPS)
- Instant-Payment-Systems (IPS)
- Security-Settlement-Systems (SSS)
- Foreign-Exchange-Settlement-Systems (FXS)
- Money-Market-Settlement-Systems (MMS)
- Central-Counter-Parties (CCP)
- Other (OTH)

This new attribute for AS will also define the Transaction Categories of the RTGS Transaction Class "R.22 AS" for the Statistical Classification Framework.

Submitted annexes / related documents:

Proposed wording for the Change request:

Changes to document T2-T2S Consolidation - User Requirements Document - Common Components v2.0

Amend SHRD.UR.BDD.020 as follows:

Id	SHRD.UR.BDD.020
Name	Party Type
Description	<p>This entity shall denote the type of participation or business role of a Party within a settlement service.</p> <p><u>Mandatory attributes:</u></p> <ul style="list-style-type: none">• Party Type Identifier (KEY) (for internal use only) The unique technical identifier of the Party Type• Party Identifier The unique technical identifier of a Party. It shall link the Party Type to the Party• Service Identifier The unique technical identifier of the settlement service with which the Party is associated within the capacity of this Party Type. It shall link the Party Type to the settlement service• Party Type Description Describes the nature of the business role performed by the Party within the settlement service. This will include (but is not restricted to):<ul style="list-style-type: none">- TARGET Service Desk- Central Bank (CB)- T2S Payment Bank- RTGS account holder- CLM account holder- TIPS account holder- TIPS Operator- Credit Institution- Ancillary System (AS)- Central Securities Depository (CSD)- CSD Participant- External CSD- Reachable Party• Valid From Date <p><u>Optional attributes:</u></p> <ul style="list-style-type: none">• Valid To Date• Direct/Indirect The nature of the participation in the settlement service by the Party, where appropriate

- **AS sub-type**

The type of AS where appropriate in RTGS. Multiple values are not allowed. Exactly one value is mandatory when the party is an AS. No value allowed when the party is not an AS.

High level description of Impact:

DWH :

Specification of two additional data objects (AS sub-type code and AS sub-type name) in the DWH which also need to be taken into account for the DWH data model and DWH database accordingly. In addition, the predefined report (PAR04) needs to be adapted and the two new data objects have to be added to the report. Finally, the new data objects and the updated predefined report PAR04 need to be described respectively in the DWH UHB.

CRDM :

Inclusion of new attribute « AS Sub-Type » in Party Service Link object.

The attribute will be only available and mandatory when linking a Party to RTGS with Service Party Type « Ancillary System ». It will be set up by the Ancillary System's responsible CB.

The new attribute will lead to changes in the data model, GUI, Data Migration Tool and backend functions

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 COMPONENTS	GENERAL	ESMIG				
		CRDM	X	X	X	
		Business Day				
		User Roles and Access				

		Information and Reporting				
		Data Warehouse Services		X	X	negligible
	CENTRAL BANK SERVICES	Billing				
		Legal Archiving				
		Contingency Settlement				
4CB internal categories	Operational Tools					
	Automation					

Impact on major documentation								
Document	Chapter	Change						
Impacted UDFS chapter	<u>DWH UDFS:</u> DWH chapter for Predefined reports	The predefined report (PAR04) description needs to be adapted and two new data objects have to be added to the predefined report: AS sub-type name and AS sub-type code.						
	<u>RTGS UDFS:</u> 5.4.1 Overview	Alignment of the AS sub categories						
	14. Glossary	New description for AS transaction categories and report generation has to be added						
	<u>CRDM UDFS</u> section 1.3.2 (Reference data model – Party data management) section 4.5.3.15 (Party Service Link DMT file specifications)	Inclusion of the new attribute in the data model Inclusion of the new attribute in the Party Service Link DMT file						
Additional deliveries for Message Specification/ MyStandards								
UHB	<u>DWH UHB:</u> Predefined reports, DWH data objects	The two new data objects have to be taken into account for the detailed description of the predefined report PAR04 and the description of two additional DWH data objects in the UHB:						
		<table border="1"> <thead> <tr> <th>AS sub-type name</th> <th>AS sub-type code</th> </tr> </thead> <tbody> <tr> <td>High-Value-Payment-Systems</td> <td>HVPS</td> </tr> <tr> <td>Retail-Payment-Systems</td> <td>RPS</td> </tr> </tbody> </table>	AS sub-type name	AS sub-type code	High-Value-Payment-Systems	HVPS	Retail-Payment-Systems	RPS
	AS sub-type name	AS sub-type code						
High-Value-Payment-Systems	HVPS							
Retail-Payment-Systems	RPS							

		Instant-Payment-Systems	IPS
		Security-Settlement-Systems	SSS
		Foreign-Exchange-Settlement-Systems	FXS
		Money-Market-Settlement-Systems	MMS
		Central-Counter-Parties	CCP
		Other	OTH
External training materials			
Other documentations	Data Migration Tool	Inclusion of the new attribute in the Party Service Link DMT file	
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			
<p><u>DWH:</u></p> <p>Inclusion of two additional data objects also for the DWH data model.</p> <p>In addition, the predefined report (PAR04) needs to be adapted and the two new data objects have to be added to the report.</p> <p><u>CRDM:</u></p> <p>Inclusion of new attribute in data model.</p> <p>The attribute will only be available and mandatory when the selected service is RTGS and the Service Party Type is Ancillary System. It will be set up by the Ancillary System's responsible CB.</p> <p>The GUI screens will be adapted in order to handle the new attribute, as well the Data Migration Tool.</p> <p><u>RTGS/AS:</u></p> <p>Adaptations on the data model</p> <p>Adaptation of interface to CRDM</p> <p><u>Cost drivers:</u></p> <p><u>DWH:</u></p> <p>Two new data objects related to AS Party Service Link setup (AS sub-type code and AS sub-type name) to be inserted in the DWH. They also need to be taken into account for the DWH data model and DWH database accordingly. This change impacts the predefined report (PAR04) which needs to be adapted to include the two new data objects.</p>			

CRDM:

New attribute "AS Sub-Type" to be inserted at database level concerning the object "Party Service Link " which results in changes of the related CRDM BE functions (Create/Update Party Service Link) and related CRDM GUI screens (Party Service Link New/Edit, Party Service Link Details) plus format of Party Service Link DMT file with the aim to handle the same new attribute. Additionally specific validations are required and it has to be ensured that all these changes do not result in any adverse impact on other services using the object (TIPS and CLM) by non-regression tests.

Summary of dependencies

None

Summary of project risk

None

Security analysis

No potentially adverse effect was identified during the security assessment.