General Information (Origin of Request)		
☐ User Requirements (URD)		
☒ Other User Functional or Technical Documentation (SYS)		
Request raised by: 4CB	**Institute:** 4CB	**Date raised:** 05/01/2017
Request title: Handling of leading and trailing "blanks" and "/" in A2A and U2A names and Identification attributes		**Request ref. no:** T2S 0649 SYS
Request type: Common	**Urgency:** Fast-track	
1. Legal/business importance parameter: High	**2. Market implementation efforts parameter:** Low	
3. Operational/Technical risk parameter: Low	**4. Financial impact parameter:** Medium	
Requestor Category: 4CB	**Status:** Authorised at steering level	

Reason for change and expected benefits/business motivation:

If an A2A reference field or U2A text field content starts or ends with blanks, T2S currently deletes these starting and ending blanks for further processing. Due to this, it is currently possible that the next/last character after/before the blank is a character that is not allowed as first/last character. Following UDFS 2.0 chapter 3.2.1.2.2 (Assuring the interoperability between ISO 15022 and ISO 20022 in T2S) "all transaction and document identifications or references […] must not start or end with a slash / …"**.** In case the content of this field has to be reported back to the customer the outbound message is not valid. Therefore the use of leading blanks followed by "/" at the beginning or trailing blanks preceded by "/" needs to be prohibited to ensure valid outbound messages.

This change request is an enhancement to the Change Request T2S-0576-SYS (Handling of leading and trailing "blanks" and "/" in A2A and U2A attributes).

Description of requested change:

A schema-update for several messages is necessary, and in the UDFS a Coexistence rule must be added for the Name fields:

Since the currently used datatypes "RestrictedFINXMax16Text", "RestrictedFINXMax30Text", "RestrictedFINXMax31Text", "RestrictedFINXMax34Text", "RestrictedFINMax35Text" and "RestrictedFINXMax350Text" are ISO standard datatypes, the definition of new datatypes is needed. The change will be done by creating new datatypes which are in line with the ISO-Standard-Definition but more restrictive, as blanks are not allowed as first and last character. Thereby the described issue with blanks followed/trailed by "/" cannot occur anymore.

The new datatypes created will have the suffix "T2S", for example: "RestrictedFINMax16Text_T2S_1".

New Pattern-Regex: *[0-9a-zA-Z\-\?:\(\)\.,'\+]((/?([0-9a-zA-Z\-\?:\(\)\.,'\+]/?)*[0-9a-zA-Z\-\?:\(\)\.,'\+]+)?*

The new datatypes corresponding to "RestrictedFINXMax16Text", "RestrictedFINXMax30Text" and "RestrictedFINXMax34Text" have already been requested as part of the related Change Request T2S-0576-SYS.

The new datatypes corresponding to "RestrictedFINXMax31Text", "RestrictedFINMax35Text" and "RestrictedFINXMax350Text" are requested as part of this change request.

The changes in the datatype will affect the following messages:
- camt.011, camt.012, camt.024, camt.074, sese.023
The impacted elements are listed in the attachment to this Change Request.

In chapter *3.2.1.2.2 Assuring the interoperability between ISO 15022 and ISO 20022 in T2S* of the UDFS,
The impacted fields are listed in the attached excel file.

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Submitted annexes / related documents:

- See attachment to this Change Request with the list of all impacted elements.

- See related Change Request T2S-0576-SYS (Handling of leading and trailing "blanks" and "/" in A2A and U2A attributes): http://www.ecb.europa.eu/paym/t2s/progress/pdf/suburd/cr/t2s_0576_sys.pdf

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Proposed wording for the Change request:

UDFS and MyStandards

The updated message documentation (incl. xsd-schemas) of the impacted messages will be available after the CR-approval at MyStandards for following messages:

- 3.3.3.7 ModifyLimitV05 (camt.011.001.05)
- 3.3.3.8 DeleteLimitV05 (camt.012.001.05)
- 3.3.3.11 ModifyStandingOrderV04 (camt.024.001.04)
- 3.3.3.28 IntraBalanceMovementCancellationRequestV01 (camt.074.001.01)
- 3.3.8.4 SecuritiesSettlementTransactionInstructionV03 (sese.023.001.03)

The UDFS needs to be updated accordingly.

In chapter *3.2.1.2.2 Assuring the interoperability between ISO 15022 and ISO 20022 in T2S*, the following information will be added after *Coexistence35to30TextFieldRule*:

CoexistenceNameRule
  The total of characters used in NameAndAddress must not be greater than 350. The field must not start or end with a slash '/' or contain two consecutive slashes '//'.

The following UHB v2.3 sections should be modified:

2.2.2.19 Settlement Instructions – New Screen

Required format of the following fields needs to be updated to max. 30 characters (SWIFT-x-red) or max. 34 characters (SWIFT-x-red):

Restriction Reference	Enter the restriction reference applying on securities. Required format is: max. 30 characters (SWIFT-x-red) …
Place of Trade Description	Enter the market in which a trade transaction has been executed. Required format is: max. 30 characters (SWIFT-x-red)

High level description of Impact:

Outcome/Decisions:

* CRG on 12 January 2017: Based on the discussion on the Change Request during the CRG Telco on 11 January 2017 and the outcome of the written procedure from 05-12 January 2017 the CRG agreed not to launch the detailed assessment of the Change Request for the T2S Release 1.3 at this stage but rather position it for Release 2.0.

* CRG meeting on 24 January 2017: The CRG recommended to launch the detailed assessment of the Change Request and asked the 4CB to check the feasibility to deliver the Change Request in the T2S Release 2.0.

* Advisory Group on 02 February 2017: In a written procedure from 26 January 2017 to 02 February 2017, the Advisory Group was in favour of launching the detailed assessment on the Change Request.

* CSD Steering Group on 03 February 2017: In a written procedure from 26 January 2017 to 03 February 2017, the CSD Steering Group was in favour of launching the detailed assessment on the Change Request.

* OMG on 16 February 2017: During a written procedure from 26 January 2017 to 16 February 2017, the Operations Managers Group did not identify any blocking operational impact.

* Operational Mangers Group on 29 May 2017: Following a written procedure from 22 - 29 May 2017, the Operations

Managers Group reconfirmed that the Change Request does not have any blocking operational impact

* CRG meeting on 07 June 2017: The CRG acknowledged the importance of the Change Request and was in favour of recommending it for approval and inclusion into T2S Release 2.0. However the CRG was of the opinion that the Change Request should be classified as 'corrective maintenance' and agreed to seek the guidance from the steering level.

* CSG meeting on 13 June 2017: The CSG decided that the classification of change requests should not be a blocking factor for the CRG to proceed with their change management activities.

* CRG teleconference on 23 June 2017: The CRG recommended the approval of the updated Change Request and its inclusion in the T2S Release 2.0.

* PMG on 21 July 2017: During a written procedure from 19 to 21 July 2017, the Project Managers Group was in favour of adding the Change Request to Release 2.0 from a planning perspective based on their endorsement of the Service Transition Plan v.0.7 for Release 2.0.

* Advisory Group on Market Infrastructures for Securities and Collateral (AMI-SeCo) on 27 July 2017: Following a written procedure from 21 to 27 July 2017, the AMI-SeCo was in favour of approving the Change Request and its inclusion in T2S Release 2.0

* CSD Steering Group on 28 July 2017: Following a written procedure from 21 to 27 July 2017, the CSG adopted the resolution to approve the Change Request and its inclusion in T2S Release 2.0

* CRG on 18 September 2017: On 18 September 2017, the CRG was informed about minor updates on the Change Request attachment, which includes the list of all impacted fields/elements.

* Advisory Group on Market Infrastructures for Securities and Collateral (AMI-SeCo) on 18 September 2017: On 18 September 2017, the AMI-SeCo was informed about minor updates on the Change Request attachment, which includes the list of all impacted fields/elements.

* CSD Steering Group (CSG) on 18 September 2017: On 18 September 2017, the CSG was informed about minor updates on the Change Request attachment, which includes the list of all impacted fields/elements.

* CRG on 23 October 2017: The CRG agreed to remove the Securities Settlement Condition Modification Request (sese.030) from the already-approved CR649 as the initial element of the sese.030 included in the CR was pruned in the T2S customised message.

* Advisory Group on Market Infrastructures for Securities and Collateral (AMI-SeCo) on 8 November 2017: Following a written procedure form 2 to 8 November 2017, the AMI-SeCo agreed to the recommendation of the CRG to the CSG that the CSG should approve a minor update to the CR (removal of the sese.030 from the scope of the CR).

* CSD Steering Group (CSG) on 9 November 2017: Following a written procedure form 2 to 9 November 2017, the CSG approved a minor update to the CR (removal of the sese.030 from the scope of the CR).

Impact On T2S	Static data management		Interface	
		Party data management	X	Communication
		Securities data management		Outbound processing
	X	T2S Dedicated Cash account data management		Inbound processing
		Securities account data management		
		Rules and parameters data management		
	Settlement		Liquidity management	
	X	Standardisation and preparation to settlement		Outbound Information Management
		Night-time Settlement		NCB Business Procedures
		Daytime Recycling and optimisation		Liquidity Operations
		Daytime Validation, provisioning & booking	LCMM	
		Auto-collateralisation		Instructions validation
			X	Status management
	Operational services			Instruction matching
		Data Migration		Instructions maintenance
		Scheduling	Statistics, queries reports and archive	
		Billing		Report management
		Operational monitoring		Query management
				Statistical information
				Legal archiving
	All modules (Infrastructure request)			
	No modules (infrastructure request)			
	Business operational activities			
	Technical operational activities			

Impact on major documentation		
Document	**Chapter**	**Change**
Impacted GFS chapter		
Impacted UDFS chapter	- 3.3.3.7 ModifyLimitV05 (camt.011.001.05) - 3.3.3.8 DeleteLimitV05 (camt.012.001.05) - 3.3.3.11 ModifyStandingOrderV04 (camt.024.001.04) - 3.3.3.28 IntraBalanceMovementCancellationRequestV01 (camt.074.001.01) - 3.3.8.4 SecuritiesSettlementTransactionInstructionV03 (sese.023.001.03)	Change of datatypes to new Pattern-Regex
Additional deliveries for Message Specification	Message documentation for camt.011, camt.012, camt.024, camt.074, sese.023	Change of datatypes to new Pattern-Regex
UHB	2.2.2.2.19 Settlement Instruction – New Screen	The format applicable for the fields described in the "Proposed wording" part of the CR need to be amended to SWIFT-x-red type
External training materials		
Other documentations		

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 schema definition for messages camt.011.001.05 and camt.012.001.05 must be updated as far as the Message Identification is concerned.
The pattern allowed for this message elements must be changed into [0-9a-zA-Z\-\?:\(\)\.,'\+](/?([0-9a-zA-Z\-\?:\(\)\.,'\+]/?)*[0-9a-zA-Z\-\?:\(\)\.,'\+]+)?
This results in generating new data types for RestrictedFINMax16Text format.
The impacted message elements are:

camt.011.001.05 – ModfyLmt\MsgHdr\MsgId
camt.012.001.05 – DelLmt\ MsgHdr\MsgId

Update the schema definition for message camt.074.001.01 to include the new restricted pattern [0-9a-zA-Z\-\?:\(\)\.,'\+](/?([0-9a-zA-Z\-\?:\(\)\.,'\+]/?)*[0-9a-zA-Z\-\?:\(\)\.,'\+]+)? defined in the new data type "RestrictedFINXMax350Text_T2S_1". This new data type will replace the old "RestrictedFINXMax350Text" for the following element:
camt.074.001.01 - Document/IntraBalMvmntCxlReq/UndrlygIntraBal/InstrPrcgAddtlDtls

The message schema sese.023 must be updated to accommodate a new pattern as defined above.

Summary of project risk

None

Security analysis

No potentially adverse effect was identified during the security assessment.

19 May 2017

Cost assessment on Change Requests

T2S-0649-SYS – Handling of leading and trailing "blanks" and "/" in A2A and U2A names and Identification attributes			
One-off	Assessment cost* - Preliminary - Detailed	2,000.00 10,000.00	Euro Euro
One-off	Project phase costs	100,944.46	Euro
Annual	Operational costs	9,782.68	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).