General Information (Origin of Request)		
☐ User Requirements (URD) ☒ Other User Functional or Technical Documentation (SYS)		
Request raised by: Clearstream	**Institute:** CSD	**Date raised:** 09/03/2015
Request title: Adding new message subscription parameter types for Business Sending Party, Instructing Party and System User Reference		**Request ref. no:** T2S 0513 SYS
Request type: Common	**Urgency:** Normal	
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: CSD	**Status:** Authorised at Steering Level	

Reason for change and expected benefits/business motivation:

T2S Message Subscription logic should be enhanced to enable T2S Actors to differentiate in their message subscriptions between different instructing scenarios, as outlined in UDFS v2.0, section 1.3.2.4. Specifically, T2S Actors should have the option to subscribe selectively to copies of:

- Messages instructed by CSDs / DCPs
- Messages instructed by Third Parties with PoA
- Messages instructed via different business sending users identified via their System User Reference (some use the T2S GUI others A2A.)

The subscription logic should also allow configurations where the T2S Actor does not receive copies of messages instructed by himself.

As a side effect, by allowing a fine-grained message subscription logic where T2S Actors only receive the messages needed for proper processing in their backend systems, this CR will also reduce the number of outbound messages to be generated by T2S, and should thus have a positive impact on message volumes and performance.

The CR below suggests which additional parameters should be added to the message subscription logic to support these features.
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Description of requested change:

The message subscription logic in T2S should be extended to support message subscription with the following parameters

1) Business Sending Party
2) Instructing Party
3) System User Reference
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Submitted annexes / related documents:

Clearstream presentation on message subscription options submitted for the CRG meeting of 6 February 2015

http://www.ecb.europa.eu/paym/t2s/progress/pdf/tg/crg/crg33/presentation_on_message_subscription_options_v0_3.pdf
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Proposed wording for the Change request:

A) **Table 76 in UDFS section 1.3.4.2 should be extended with the additional parameters that can be used for message subscriptions:**

PARAMETER TYPE	DESCRIPTION

PARAMETER TYPE	DESCRIPTION
Message Type	It specifies the type of message (e.g. PartyStatusAdvice). The exhaustive list of possible message types is given by the union of the incoming message types listed in section 1.3.4.1 "Message subscription configuration" and the outgoing message types listed in section 3.3 "List of Messages", with the exceptions mentioned before.
...	...
Already Matched Flag	It specifies whether to select only one side of the reporting when a settlement instruction is sent as "already matched" in T2S.
Business Sending Party	It specifies the Business Sending Party of the message. For outgoing messages, it refers to the Business Sending Party of the related incoming message.
System User Reference	It specifies the System User Reference of the Business Sending User of the message.
Instructing Party	It specifies the Instructing Party of the message. For outgoing messages, it refers to the Instructing Party of the related incoming message.

B) Table 77 in UDFS section 1.3.4.2 should be extended with three additional columns which describe the applicability of the new parameters for message subscription for copy messages:

MESSAGE TYPE	MESSAGE ID.	INSTRUCTION TYPE	...	ALREADY MATCHED FLAG	Business Sending Party	System User Reference	Instructing Party
SettlementInstruction SecuritiesSettlementTransaction	sese.023	Yes	...	Yes	Yes	Yes	Yes
SettlementRestriction on securities IntraPositionMovement	semt.013	No	...	No	Yes	Yes	Yes
SettlementRestriction on cash IntraBalanceMovement	camt.066	No	...	No	Yes	Yes	Yes

C) Table 78 in UDFS section 1.3.4.2 should be extended with three additional columns which describe the applicability of the new parameters for outbound messages:

MESSAGE TYPE	MESSAGE ID.	INSTRUCTION TYPE		ALREADY MATCHED FLAG	Business Sending Party[1]	System User Reference	Instructing Party
AccountRequestAcknowledgement	acmt.010	No		No	No	No	No
PartyStatusAdvice	reda.016	No		No	No	No	No
SecurityCreationStatusAdvice	reda.008	No		No	No	No	No
SecurityMaintenanceStatusAdvice	reda.029	No		No	No	No	No
SecurityDeletionStatusAdvice	reda.030	No		No	No	No	No
SecuritiesAccountStatusAdvice	reda.020	No		No	No	No	No
CollateralDataStatusAdvice	reda.028	No		No	No	No	No
EligibleCounterpartCSDStatusAdvice	reda.044	No		No	No	No	No
SecurityCSDLinkStatusAdvice	reda.047	No		No	No	No	No
AccountLinkStatusAdvice	reda.051	No		No	No	No	No
Receipt	camt.025	No		No	No	No	No
BankToCustomerDebitCreditNotification	camt.054	Yes		No	No	No	No
IntraPositionMovementStatusAdvice	semt.014	No		No	Yes	No	Yes
IntraPositionMovementConfirmation	semt.015	No		No	Yes	No	Yes
SecuritiesSettlementTransactionStatusAdvice	sese.024	Yes		Yes	Yes	No	Yes
SecuritiesSettlementTransactionConfirmation	sese.025	Yes		Yes	Yes	No	Yes

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[1] Not checked in case of DMT files or T2S internally generated instructions.

SecuritiesTransactionCancellationRequestStatusAdvice	sese.027	No		Yes	Yes	No	Yes
SecuritiesSettlementTransactionAllegementNotification	sese.028	No		No	No	No	No
SecuritiesMessageCancellationAdvice	semt.020	No		No	No	No	No
SecuritiesSettlementAllegementRemovalAdvice	sese.029	No		No	No	No	No
SecuritiesSettlementConditionsModificationStatusAdvice	sese.031	No		Yes	Yes	No	Yes
IntraBalanceMovementStatusAdvice	camt.067	No		No	Yes	No	Yes
IntraBalanceMovementConfirmation	camt.068	No		No	Yes	No	Yes
SecuritiesSettlementTransactionGenerationNotification	sese.032	Yes		No	Yes	No	Yes
IntraBalanceMovementModificationRequestStatusAdvice	camt.073	No		No	Yes	No	Yes
IntraBalanceMovementCancellationRequestStatusAdvice	camt.075	No		No	Yes	No	Yes

D) Table 79 in UDFS section 1.3.4.2 should be extended with the message fields that will be used to determine the parameters in the messages used within the subscription logic

APPLICABLE PARAMETER TYPE	TYPE OF CHECK[94]	MESSAGE	MESSAGE FIELD
Instruction Type		sese.024	\SctiesSttlmTxStsAdvc\TxDtls\SctiesMvmntTp
		sese.024	\SctiesSttlmTxStsAdvc\TxDtls\Pmt
		sese.024	\SctiesSttlmTxStsAdvc\TxDtls\SttlmQty
Already Matched Flag		sese.023	\SctiesSttlmTxInstr\TradDtls\MtchgSts\Cd
		sese.024	n/a
		sese.025	n/a
		sese.027	n/a
		sese.031	n/a
Business Sending Party	Indirect	head.001 (for inbound copies)	AppHdr/Rltd/Fr/FIId/FinInstnId/ClrSysMmbId/MmbId
		head.002 (for outbound messages)	n/a[2]
		head.001 (for outbound messages)	n/a[3]
		head.002 (for outbound messages)	n/a[4]
System User Reference	Direct	head.001 (for inbound copies)	AppHdr/Rltd/Fr/FIId/FinInstnId/ClrSysMmbId/MmbId
		head.002 (for inbound message copies)	n/a[5]
Instructing Party	Direct	head.001	AppHdr/Rltd/Fr/FIId/FinInstnId/BICFI

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[2] For mapping the tag "Xchg/PyldDesc/ApplSpcfcInf/SysUsr" from Business File Header of the file including the respective inbound message is used.

3 For mapping the tag "AppHdr/Fr/FIId/FinInstnId/ClrSysMmbId/MmbId" from Business Application Header of the respective inbound message is used.

[4] For mapping the tag "Xchg/PyldDesc/ApplSpcfcInf/SysUsr" from Business File Header of the file including the respective inbound message is used.

[5] For mapping the tag "Xchg/PyldDesc/ApplSpcfcInf/SysUsr" from Business File Header of the file including the respective inbound message is used.

		(for inbound copies)	
		head.001 (for outbound messages)	AppHdr/To/FIId/FinInstnId/BICFI

E) Entity SDMG.RPS.ENT.10.1 in GFS section 3.3.11.4 (Message subscription) should be extended with the additional parameters that can be used for message subscriptions:

ATTRIBUTE	DESCRIPTION
Rule Parameter Type	It specifies a classification for the message subscription rule parameters. The exhaustive list of possible values is as follows: • Message type • Instruction type • Message status • Party • Securities account number • ISIN • T2S Dedicated cash account number • Instruction status • ISO Transaction code • Currency • Already matched flag • Business sending party • System User Reference • Instructing party

F) GFS section 3.2.5.3 (3-Check A2A Message Subscription) should be extended with the additional parameters that can be used for message subscriptions:

The respective Message Subscription definitions for the message subscription services are based on the following parameters:

- Message type;
- Instruction type;
- Message status;
- Instruction status;
- Party;
- Securities Account;
- T2S Dedicated Cash Account;
- ISIN;
- Transaction Code
- Currency
- Already matched flag
- Business Sending Party
- System User Reference
- Instructing Party

G) The example in GFS section 3.2.5.3 (3-Check A2A Message Subscription) should be extended with the additional parameter that can be used for message subscriptions:

Message Subscription Matrix – Example:
System Entity: CSD X
Recipient: Interested Party B
Rule Set Valid From: January 1st, 2013

Rule Sequence	Message Type	Message Status	Instruction Type	Instruction Status	Party	Securities Account	ISIN	T2S Dedicated Cash Account	Already Matched Flag	Business Sending Party	System User Reference	Instructing Party
1								Cash A/C 9876				
2	Settlement Instruction					Account ABC						
3					Bank A							
					Bank B							

H) Field Description table (and the related screenshot) in UHB section 2.5.7.1 (Message Subscription Rules – List Screen) should be extended with the additional parameters that can be used for message subscriptions:

Business Sending Party	Shows the parameter value of the business sending party. This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2297]: ▌ DRDF045 ▌ DRDF200 ▌ DRDF310
System User Reference	Shows the parameter value of the system user reference of the business sending user. This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2297]: ▌ DRDF045 ▌ DRDF200 ▌ DRDF310
Instructing Party	Shows the parameter value of the instructing party. This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2297]: ▌ DRDF045 ▌ DRDF200 ▌ DRDF310

I) Field Description table (and the related screenshot) in UHB section 2.5.7.2 (Message Subscription Rules – New/Edit Screen) should be extended with the additional parameters that can be used for message subscriptions:

Business Sending Party	You can choose either to enter the Parent and Party BIC of the business sending party or to select them from the suggested items in the drop-down menu or search via the *magnifier* icon. Required format is: max. 11 characters (SWIFT−x) This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2264]: ❚ DRCF008 ❚ DRCF060 ❚ DRCF200 ❚ DRCF310 ❚ DRUF008 ❚ DRUF200 ❚ DRUF310 ❚ DRUF600 This field is also available as show field for the existing records.
System User Reference	You can choose either to enter the system user reference of the business sending user or select it from the drop-down menu. This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2264]: ❚ DRCF008 ❚ DRCF060 ❚ DRCF200 ❚ DRCF310 ❚ DRUF008 ❚ DRUF200 ❚ DRUF310 ❚ DRUF600 This field is also available as show field for the existing records.
Instructing Party	You can choose either to enter the party BIC and the parent BIC of the instructing party to select them from the suggested items in the drop-down menu or search via the *magnifier* icon. Required format is: max. 11 characters (SWIFT−x) This field is only filled in if there is a parameter of this type in the "Group" column. References for error messages [▶ 2264]: ❚ DRCF008 ❚ DRCF060 ❚ DRCF200 ❚ DRCF310 ❚ DRUF008 ❚ DRUF200 ❚ DRUF310 ❚ DRUF600 This field is also available as show field for the existing records.

J) Message Subscription Rule record in DMT File Specification chapter 3.1.2.20 should be amended to include the additional parameters:

Message Subscription Rule - New

- Record Type: "Message Subscription Rule"

The record is used to create message subscription rules connected to an existing message subscription rule set.
Related activities covered:
ACT.17.2

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 "Message Subscription Rule Set"				1..1	
3	C	Name	VARCHAR (35)	Name of the message subscription rule set.			1..1
		Group "Message Subscription Rule"				1..1	
4	D	Sequence Number	NUMERIC (9)	Sequence related to the rule.			1..1
5	E	Valid From	DATE	Valid from date of the message subscription rule.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the message subscription rule.	Must be equal or greater than the valid from date.		0..1
		Group "Message Subscription Rule Parameter"			Each Message Subscription Rule may have up to 10 Message Subscription Rule Parameters.	1..10	
7	G	Group	VARCHAR (35)				1..1
8	H	Parameter Type Name	Name of the parameter type to be set for the rule. Allowed values are: • INTP (Instruction Type) • MXST (Message Status) • PART (PARTY) • SACC (Securities Account) • ISIN • CASH (T2S DCA) • INST (Instruction Status) • TRCD (Transaction Code) • CURR (Currency) • AMFL (Already Matched Flag) • MXID (Message Identification)				1..1

		• BUPA (Business Sending Party) • SURE (System User Reference) • INPA (Instructing Party)					
9	I	Parameter Type Value	VARCHAR (35)	Value for the parameter type	Mandatory when Parameter Type Name is: INTP, MXST, INST, TRCD, CURR, AMFL, MXID, SURE; not allowed otherwise		0..1
10	J	Parameter Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: PART Not allowed otherwise.		0..1
11	K	Parameter Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: PART Not allowed otherwise.		0..1
12	L	Parameter Securities Account Identifier	VARCHAR(35)		Mandatory when Parameter Type Name is: SACC Not allowed otherwise.		0..1
13	M	Parameter Securities Identifier	CHAR(12)		Mandatory when Parameter Type Name is: ISIN Not allowed otherwise.		0..1
14	N	Parameter Cash Account Identifier	VARCHAR(34)		Mandatory when Parameter Type Name is: CASH Not allowed otherwise.		0..1
10	O	Parameter Business Sending Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: BUPA Not allowed otherwise.		0..1
11	P	Parameter Business Sending Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: BUPA Not allowed otherwise.		0..1
10	Q	Parameter Instructing Party Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: INPA Not allowed otherwise.		
11	R	Parameter Instructing Party Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: INPA Not allowed otherwise.		

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High level description of Impact:

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Outcome/Decisions:

* CRG meeting of 12 March 2015: The CRG recommended to launch the detailed assessment of the Change Request and indicated that the Change Request is required for the Community Testing for Wave 2. The 4CB will analyse when the Change Request and its detailed assessment can be available.

* Advisory Group's meeting on 23 March 2015: The AG was in favour of launching the detailed assessment on the Change Request.

* CSG resolution on 27 March 2015: Following a written procedure, the CSG was in favour of launching the detailed assessment on the Change Request.

* OMG on 27 March 2015: During a written procedure from 16 March 2015 to 27 March 2015, the Operations Managers Group did not identify any operational impact of the Change Request.

* CRG Telco of 4 September 2015: The CRG recommended the approval of the Change Request and its addition to Release 1.1.

* PMG meeting on 7 September 2015: The Project Managers Group was in favour of adding the Change Request to Release 1.1.

* OMG on 8 September 2015: During a written procedure from 1 to 8 September 2015, the Operations Managers Group reviewed the detailed assessment on the Change Requests and did not identify any operational impact. The OMG also was in favour of adding the Change Request to Release 1.1.

* Advisory Group's advice on 14 September 2015: The AG was in favour of approving the Change Request and including it in Release 1.1.

* CSD Steering Group meeting on 15 September 2015: The CSG took the resolution to approve the Change Request and to include it in Release 1.1.

EUROSYSTEM ANALYSIS – GENERAL INFORMATION				

	Static data management		**Interface**	
		Party data management		Communication
		Securities data management	x	Outbound processing
		T2S Dedicated Cash account data management		Inbound processing
		Securities account data management		
	x	Rules and parameters data management		
	Settlement		**Liquidity management**	
		Standardisation and preparation to settlement		Outbound Information Management
Impact On T2S		Night-time Settlement		NCB Business Procedures
		Daytime Recycling and optimisation		Liquidity Operations
		Daytime Validation, provisioning & booking	**LCMM**	
		Auto-collateralisation		Instructions validation
				Status management
	Operational services			Instruction matching
	x	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	§.3.3.11.4 – Message subscription § 3.2.5.3 Outbound Processing Module – Check A2A Message Subscription	See proposed wording above.
Impacted UDFS chapter	Impacted UDFS chapter	§.1.3.4.2 – Message subscription parameter types
Additional deliveries for Message Specification	No impact on message specifications.	
UHB	§.2.5.7.1 – Message Subscription Rules – List Screen §.2.5.7.2 – Message Subscription Rule – New/Edit Screen	See proposed wording above. See proposed wording above.
External training materials	T2S_FA_WS_1_Part_3_SD_OBJ_DIAPO _v00-09.pptx	Add the new parameter types.
Other documentations	No impact on 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
From a functional viewpoint, the message subscription service shall be enhanced by adding the possibility to subscribe by using three new parameter types. This implies an impact at Static Data Management level and for the Data Migration Tool (to allow configuring the message subscription by using the new parameter types) and at Interface level (to allow checking the relevant message types against the new parameter types and load the related values in the screen).
Summary of project risk

Security analysis
No potentially adverse effect was identified during the security assessment.

DG - MARKET INFRASTRUCTURE & PAYMENTS

MARKET INFRASTRUCTURE MANAGEMENT

ECB-PUBLIC

01 September 2015

COST ASSESSMENT ON CHANGE REQUESTS

T2S-513-SYS – Adding new message subscription parameter types for Business Sending Party, Instructing Party and Business Sending User		
Project phase costs (total)	210,137.73	Euro
Running costs (annual average over cost recovery period)	16,437.85	Euro