

EUROSYSTEM



General Information (Origin of Request) User Requirements (URD) Other User Functional or Technical Documentation (SYS)			
Request raised by: NBB-SSS	Institute: NBB-SSS	Date raised: 16/05/2016	
Request title: Enrich values in "Transaction activity field" of the "Securities Transaction Posting Report (semt.017)", of the "Securities Transaction Pending Report (semt.018)" and in "Bank Transaction Code" in the "End of Day Account Statement (camt.053)" with all ISO20022 codes		Request ref. no: T2S 0615 SYS	
Request type: Common Classification: enhancement Scope		Urgency: Normal	
1. Legal/business importance parameter: Medium		2. Market implementation efforts parameter: Low	
3. Operational/Technical risk parameter: Low		4. Financial impact parameter: Medium	
Requestor Category: CSD		Status: Implemented	

Reason for change and expected benefits/business motivation:

According to ISO 20022, in semt.017 "Securities Transaction Posting Report" and in semt.018 "Securities Transaction Pending Report" per Transaction the field <TxActvty> (Transaction activity) is supposed to "Specify the type of activity to which this instruction relates" but according to UDFS <TxActvty> always relates to Settlement and Clearing Activity (SETT).

Possible values in ISO 20022: BOLE: Borrowing and Lending Activity; CLAI: Market Claim; COLL: Collateral Activity; CORP: Corporate Action Activity; SETT: Settlement and Clearing Activity.

T2S always reports "SETT" regardless the transaction code, thus losing information. CSDs can in their relationship with the client decide what to report to participants and translate or not this T2S information. For that reason, some CSDs have started to enrich the semt.017 "Securities Transaction Posting Report" /MT536 "Statement of Transaction" sent to parties to translate "SETT", thus creating a non-harmonised reporting to participants at T2S community level. CSDs may not apply the same translation rules and as a result participants may receive different reporting, e.g. when they have status DCP (reporting from T2S) in one CSD and ICP (reporting from CSD) in another, or when they are ICP in various CSDs with different or none translation rules.

As a conclusion, either information is lost, either CSDs report in a non-harmonised way.

In an analogue way, the corresponding "Bank Transaction Code" in field <BkTxCd> in camt.053 "End of Day Account Statement (camt.053)" should be enriched. Currently, the field <BkTxCd> provides only the values LIQT and SETT, for respectively messages stemming from liquidity transfers and messages stemming from settlement in a CSD. The value SETT should be replaced by the possible values in ISO 20022: BOLE: Borrowing and Lending Activity; CLAI: Market Claim; COLL: Collateral Activity; CORP: Corporate Action Activity; SETT: Settlement and Clearing Activity.

CR would foster reporting efficiency (no loss of information), facilitate reconciliation and T2S community-wide harmonisation.

Description of requested change:

T2S should include in the field <TxActvty> (Transaction activity) in semt.017 and in semt.018 as transaction code not only current SETT but all ISO20022 foreseen types of activity:

- BOLE: Borrowing and Lending Activity;
- CLAI: Market Claim;
- COLL: Collateral Activity;
- CORP: Corporate Action Activity;
- SETT: Settlement and Clearing Activity

T2S should include in the field <BkTxCd> (Bank Transaction code) from the camt.053 as transaction code not only current LIQT and SETT but for SETT a value from the above list.

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The Securities Market Practice Group (SMPG) agreed on a mapping table between the transaction activity and the transaction code at its meeting in April 2016:

Transaction Activity	Code	Settlement Transaction Type Or Corporate	Code	Remark
	BOLE	Action Event Type	SBRE	
Borrowing Lending Activity	BOLE	Borrowing Reallocation		
		Securities Borrowing	SECB	
		Securities Lending	SECL	
Manhat Claim	CLAL	Lending Reallocation	SLRE	
Market Claim	CLAI	Market Claim	CLAI CNCB	
Collateral Activity	COLL	Central Bank Collateral Operation Collateral In	COLI	
		Collateral Out	COLO	
		Buy Sell Back	BSBK	
		Sell Buy Back	SBBK	
		Repo	REPU	
		Reverse Repo	RVPO	
		Triparty Repo	TRPO	
		Triparty Reverse Repo	TRVO	
		Auto Collateralisation	AUTO	
Corporate Action Activity	CORP	Corporate Action	CORP	
		Corporate Action Event Type: All	All codes	
Settlement and Clearing Activ	ISETT			
		Buy In	BIYI	
		Depository Receipt Conversion	CONV	
		Factor Update	FCTA	
		Move Of Stock	INSP	
		Issuance	ISSU	
		Netting	NETT	
		Non Syndicated	NSYN	
		External Account Transfer	OWNE	
		Internal Account Transfer	OWNI	
		Pair Off	PAIR	
		Placement	PLAC	
		Portfolio Move	PORT	
		Withdrawal	REDI	
		Redemption	REDM	This relates to Fund Activity, not t the CA Event Final Maturity!
		Depository Receipt Release Cancellation	RELE	
		Return Delivery Without Matching	RODE	
		Subscription	SUBS	
		Syndicate Underwriters	SYND	
		TBA Closing	TBAC	
		Trade	TRAD	
		Turnaround	TURN	
		Exchange Traded Funds	ETFT	
		In case Settlement Transaction or	n.a.	
		Corporate Action Event type is not		
		available.		
		Mark Down	MKDW	
		Mark Up	MKUP	
		Realigned	REAL	New

Submitted annexes / Related documents:

Proposed wording for the Change request:

UDFS: 3.3.7.6 SecuritiesTransactionPostingReportV09 (semt.017.001.09) 3.3.7.6.2 The T2S-specific schema

[...]

FinancialInstrumentDetails

This building block is optional and repetitive. It reports the details of every financial instrument reported. Regarding the "Transaction Activity Code" field, its codes are reported based on the following relationship with the chosen Transaction Code:

Transaction Activity	<u>Code</u>	Settlement Transaction Type	<u>Code</u>
Borrowing Lending Activity	BOLE	Borrowing Reallocation Securities Borrowing Securities Lending Lending Reallocation	SBRE SECB SECL SLRE
Market Claim	<u>CLAI</u>	Market Claim	<u>CLAI</u>
Collateral Activity	COLL	Central Bank Collateral Operation Collateral In Collateral Out Buy Sell Back Sell Buy Back Repo Reverse Repo Triparty Revorse Repo Auto Collateralisation	CNCB COLI COLO BSBK SBBK REPU RVPO TRPO TRVO AUTO
Corporate Action Activity	<u>CORP</u>	Corporate Action	CORP
<u>Settlement and Clearing</u> <u>Activity</u>	<u>SETT</u>	Buy in Depository Receipt Conversion Factor Update Move of Stock Issuance Netting Non Syndicated External Account Transfer Internal Account Transfer Pair Off Placement Portfolio Move Withdrawal Redemption	BYIY CONV FCTA INSP ISSU NETT NSYN OWNE OWNI PAIR PLAC PORT REDI REDM
		Depository Receipt Release Cancellation Return Delivery Without Matching Subscription Syndicate Underwriters	RELE RODE SUBS SYND

TBA Closing	TBAC
Trade	TRAD
Turnaround	TURN
Exchange Traded Funds	<u>ETFT</u>
In case Settlement Transaction or Corporate Action Event	<u>n.a.</u>
type is not available	
Mark Down	MKDW
Mark Up	MKUP
Realigned	REAL
Rebalancing	REBL
Switch From	SWIF
Switch To	SWIT

<u>References/Links:</u> [...]

3.3.7.7 SecuritiesTransactionPendingReportV10 (semt.018.001.10) 3.3.7.7.2 The T2S-specific schema

[...]

Transactions

This building block is optional and repetitive. It provides per transaction, the status and the reason. The account servicer can also include all the trade details.

Regarding the "Transaction Activity Code" field, its codes are reported based on the following relationship with the chosen Transaction Code:

Transaction Activity	<u>Code</u>	Settlement Transaction Type	<u>Code</u>
Borrowing Lending Activity	BOLE	Borrowing Reallocation Securities Borrowing Securities Lending Lending Reallocation	SBRE SECB SECL SLRE
Market Claim	<u>CLAI</u>	Market Claim	<u>CLAI</u>
Collateral Activity	COLL	Central Bank Collateral Operation Collateral In Collateral Out Buy Sell Back Sell Buy Back Repo Reverse Repo Triparty Revorse Repo Auto Collateralisation	CNCB COLI COLO BSBK SBBK REPU RVPO TRPO TRVO AUTO
Corporate Action Activity	<u>CORP</u>	Corporate Action	CORP
Settlement and Clearing Activity	<u>SETT</u>	Buy in Depository Receipt Conversion Factor Update Move of Stock Issuance Netting Non Syndicated External Account Transfer Internal Account Transfer Pair Off	BYIY CONV FCTA INSP ISSU NETT NSYN OWNE OWNI PAIR

Placement	<u>PLAC</u>
Portfolio Move	PORT
Withdrawal	<u>REDI</u>
Redemption	<u>REDM</u>
Depository Receipt Release Cancellation	RELE
Return Delivery Without Matching	RODE
Subscription	SUBS
Syndicate Underwriters	SYND
TBA Closing	TBAC
Trade	TRAD
Turnaround	<u>TURN</u>
Exchange Traded Funds	<u>ETFT</u>
In case Settlement Transaction or Corporate Action Event	<u>n.a.</u>
type is not available	
Mark Down	MKDW
Mark Up	MKUP
Realigned	REAL
Rebalancing	<u>REBL</u>
Switch From	SWIF
Switch To	<u>SWIT</u>

<u>References/Links:</u> [...]

4.6 Flat file EoD reports format specifications 4.6.3.3 Statement of transactions. semt.017

The report details will contain the following information:

FLAT	COLUMN NAME	FORMAT	DESCRIPTION	RULES
FILE				
COLUMN				
[]	[]	[]	[]	[]
11	Corporate Action Event Identification	CHAR(16)	Identification assigned by the account servicer to unambiguously identify a corporate action event.	The field is optional, depending on the information contained in the instruction.
12	Transaction Activity Code	CHAR(4)	Specifies the type of activity to which this instruction relates.	In T2S, this code is always SETT. Possible values: BOLE, CLAI, COLL, CORP, SETT
13	ISO Transaction Code	CHAR(4)	Choice of type for the transaction reported. Identifies the type of securities transaction, as an ISO 20022 code.	This field is optional
[]	[]	[]	[]	[]

4.6.3.4 Statement of pending instructions. semt.018

The report details will contain the following information:

FLAT	COLUMN NAME	FORMAT	DESCRIPTION	RULES
FILE				
COLUMN				
[]	[]	[]	[]	[]

10	Corporate Action Event Identification	CHAR(16)	Identification assigned by the account servicer to unambiguously identify a corporate action event.	The field is optional, depending on the information contained in the instruction.
11	Transaction Activity Code	CHAR(4)	Specifies the type of activity to which this instruction relates.	In T2S, this code is always SETT. Possible values: BOLE, CLAI, COLL, CORP, SETT
12	ISO Transaction Code	CHAR(4)	Choice of type for the transaction reported. Identifies the type of securities transaction, as an ISO 20022 code.	This field is optional
[]	[]	[]	[]	[]

Impact on message documentation on MyStandards / schema:

camt.053.001.08

BkToCstmrStmt/Stmt/Ntry/BkTxCd/Prtry/Cd Add the following codes to the code list (old 5

- Add the following codes to the code list (old "Settlement Instruction [SETT]" shall be removed):
 - Borrowing and Lending Activity [BOLE]
 - Market Claim [CLAI]
 - Collateral Activity [COLL]
 - Corporate Action Activity [CORP]
 - Settlement and Clearing Activity [SETT]

UHB:

2.4.1.14 Available Report - Statement of Pending Instructions - Details Screen

UHB 5.0 p.468

Transaction			
Re	epetitive Block For Each Pending Settlement Instruction		
Place of Trade Market Type Proprietary Scheme Name	Shows a short textual description of the scheme.		
Place of Clearing	Shows the BIC code of the Clearing House involved in the settlement (if any).		
Transaction Activity Code	Specifies the type of activity to which this instruction relates: BOLE: Borrowing and Lending Activity; CLAI: Market Claim; COLL: Collateral Activity; CORP: Corporate Action Activity; SETT: Settlement and Clearing Activity		

2.4.1.21 Available Report - Statement of Transactions -Details Screen UHB 5.0 p.514/515

Transaction		

Transaction		
Place of Clearing	Shows the BIC code of the Clearing House involved in the settlement (if any).	
Beneficial Ownership	Shows if there is a change of beneficial ownership I Yes I No	
Transaction Activity Code	Specifies the type of activity to which this instruction relates: BOLE: Borrowing and Lending Activity; CLAI: Market Claim; COLL: Collateral Activity; CORP: Corporate Action Activity; SETT: Settlement and Clearing Activity 	

High level description of Impact:

Outcome/Decisions:

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

* CRG on 17 October 2016: During the written procedure from 10 - 17 October 2016, the CRG recommended to launch the preliminary assessment on the Change Request from 24 October 2016 to 15 November 2016 (batch 2).

* OMG on 08 November 2016: During a written procedure from 28 October - 08 November 2016, the Operations Managers Group did not identify any blocking operational impact of the Change Request.

* CRG telco on 16 November 2016: The CRG took note of the T2S functionalities/modules impacted by the Change Request following the 4CB preliminary assessment and that there are synergies with the Change Request T2S-0587-SYS (Alignment of ISO transaction codes across various T2S ISO messages), therefore a joint implementation is favourable.

* CRG on 27 November 2019: The CRG agreed to recommend the CR for authorisation by the T2S Steering Level.

* AMI-SeCo on 6 December 2019: The AMI-SeCo concluded to agree to the recommendation of the CRG to propose the CR for CSD/NECSD authorisation.

* CSG on 13 December 2019: The CSG authorised the CR.

* NECSG on 13 December 2019: The NECSG authorised the CR.

* MIB on 19 December 2019: The MIB authorised CR-615.

* PMG on 23 January 2020: The PMG asked the 4CB to launch the detailed assessments for CR-615 in view of R5.0.

* CRG on 23 April 2020: Subject to the CASG confirmation, and to some corrections discussed during the call, the CRG agreed to recommend to the PMG the implementation of CR-615 in T2S release 5.0.

* OMG on 11 May 2020: the OMG identified an operational impact for CR-615.

* PMG on 28 May 2020: the PMG recommended to the Steering Level the inclusion of the CR in the scope of R5.0.

* CSG on 9 June 2020: The CSG approved the inclusion of the T2S CRs in the scope of T2S Release 5.0.

* NECSG on 10 June 2020: The NECSG approved the inclusion of the T2S CRs in the scope of T2S Release 5.0.

* MIB on 15 June 2020: The MIB approved the inclusion of the T2S CR in the scope of R5.0.

Preliminary assessment:

- Impacted functionality / module: A2A, LCMM
- Findings:
 - Due to expected synergies the joint implementation of CR 587 and CR 615 is recommended.
- Following issues have to be clarified before the start of detailed assessment:
 - Should the mapping table be included in the UDFS or in the message guidelines for semt.017 and camt.053?
 - The same logic is currently applied on semt.018 report message (and the related Flat file report): SETT is always fills in regardless of the ISO transaction code. Should the scope of this CR be updated to include semt.018 too? Otherwise the same SI may be reported as SETT in semt.018 and with another value in semt.017? Please include the response in the CR for consistency reasons.

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

EUROSYSTEM ANALYSIS – GENERAL INFORMATION						
	T2S Specific Components	Common Components				
LCN						
X	Instructions validation	-				
X	Status management	-				
<u> </u>	Instruction matching	-				
	Instructions maintenance	-				
	Penalty Mechanism	-				
Sett	lement					
	Standardisation and preparation to settlement	-				
	Night-time Settlement	-				
	Daytime Recycling and optimisation	-				
x	Daytime Validation, provisioning & booking	-				
~	Auto-collateralisation	-				
	Auto-collateralisation					
.iqι	idity Management					
	Outbound Information Management	4				
	NCB Business Procedures	4				
	Liquidity Operations					
T2S	Interface (as of June 2022 without Static Data					
	agement, Communication for SDMG, Scheduler,					
Billir						
-	Communication	1				
Х	Outbound Processing					
	Inbound Processing	-				
01-1	- Dete Management (antil hung 0000)	Organization Defendence Defendence and				
Stat	ic Data Management (until June 2022)	Common Reference Data Management (from PROD R6.0 June 2022)				
	Darty data management					
	Party data management Securities data management	Party 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				
Stat	istics and archive	Statistics and archive				
Х	Statistical information (until June 2022)	Short term statistical information				
	Legal archiving (until June 2022)	Legal archiving (from PROD R6.0)				
		X Data Warehouse (from PROD R6.0)				
Info	rmation (until June 2022 containing reference	CRDM business interface (from PROD R6.0 June				
data		2022)				
K	Report management	Report management				
	Query management	Query management				
		Communication				
		Outbound Processing				
		Inbound Processing				
0	rational Sonvicos					
ope	rational Services Data Migration (T2S DMT)	Data Migration (CRDM DMT, from PROD R6.0)				
	Scheduling (until June 2022)	Business Day Management (from PROD R6.0)				
		Business Day Management business interface				
		(from PROD R6.0)				
	Billing (until lung 2022)					
	Billing (until June 2022)	Billing (from PROD R6.0)				
		Billing business interface (from PROD R6.0)				
	Operational Monitoring	Operational and Business Monitoring				
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EUROSVETEM ANALVEIS GENERAL INFORMAT

Impact on major				
Document	Chapter	Change		
Impacted				
GFS chapter	SecuritiesTransactionPostingReportV0	7 Add a mapping table between the transaction		
	(semt.017.001.07) 3.3.7.6.2 The T2S-specific schema	activity and the transaction code in semt.017.		
Impacted UDFS	SecuritiesTransactionPendingReportV((semt.018.001.08) 3.3.7.7.2 The T2S-specific schema	Add a mapping table between the transaction activity and the transaction code in semt.018.		
chapter	4.6.3.3 Statement of transaction semt.017	Add in "Transaction Activity Code" field the possible values according to ISO 20022.		
	4.6.3.4 Statement of pending instruction semt.018	Add in "Transaction Activity Code" field the possible values according to ISO 20022.		
	Message documentation for camt.053	Update of the schema Upload to MyStandards		
Additional deliveries for Message Specification	SecuritiesTransactionPostingReportV0 (semt.017.001.07)	7 Update the T2S–Mapping and T2S-Use description in Mystandards related to the following path: semt.017.001.07/FinancialInstrumentDetails/Tran- saction/TransactionDetails/Transaction- Activity/Code		
	SecuritiesTransactionPendingReportV((semt.018.001.08)	Update the T2S–Mapping and T2S-Use description in Mystandards related to the following path: semt.018.001.08 /Transactions/TransactionDetails/Transaction Activity/Code		
UHB	2.4.1.14 Available Report - Statement Pending Instructions - Details Screen	of Add the new field		
	2.4.1.21 Available Report - Statemen Transactions - Details Screen	Add the new field		
Links with other re				
Links	Reference	Title		

Summary of functional, development, infrastructure and migration impacts To meet the CR requirements and provide the different possible values according to ISO 20022 in the fields

"Transaction activity code" and "Bank transaction code", the following changes in the LCMM domain are required:
 The instruction management functionality has to be updated to store on the Data Base of settlement instructions the transaction activity code at the time a settlement instruction is created. The possible values are:

- BOLE: Borrowing and Lending Activity;
- CLAI: Market Claim;
- COLL: Collateral Activity;
- CORP: Corporate Action Activity;
- SETT: Settlement and Clearing Activity
- Functionalities in charge of creating Collateral and Realignment Instructions have to be updated to store on the Data Base the transaction activity code when these automatically generated instructions are

created

- The functionality of data extraction for flat files has to be enhanced to retrieve the new "Transaction Activity code" stored in the data base for the generation of semt.017 and semt.018 flat files.
- Update in the Securities Transaction Posting Report (semt.017) the T2S-Use description and T2S-Mapping related to the field "Transaction Activity".
- Update to Statement of Accounts Report (camt.053.001.08) BkToCstmrStmt/Stmt/Ntry/BkTxCd/Prtry/Cd. Add the following codes to the code list (old "Settlement Instruction [SETT]" shall be removed):
 - Borrowing and Lending Activity [BOLE]
 - Market Claim [CLAI]
 - o Collateral Activity [COLL]
 - Corporate Action Activity [CORP]
 - Settlement and Clearing Activity [SETT]

During the deployment of this CR, all pending instructions (i.e. instructions neither settled nor cancelled) stored in active tables in T2S before the implementation of the CR will be migrated with the relevant Transaction Activity code for its reporting in subsequent reports. However, please be aware that the first flat files generated after the deployment will still report "SETT" for all settlement instructions.

Report Management:

To provide more information, T2S should expand the field <TxActvty> (Transaction activity) in semt.017 (Statement of Transaction Report) and in semt.018 (Statement of Pending Instructions Report) to report transaction code not only current SETT but all ISO20022 foreseen types of activity.

For the camt.053 message (Statement of Accounts Report) T2S should expand the field <BkTxCd> (Bank Transaction code) to report as transaction code not only current 'LIQT' and 'SETT' values. The value SETT should be replaced by :BOLE,CLAI,COLL,CORP and SETT.

The Flows [F-RawDatRep] and [F-Rep] as the mapping tables for the Reports Statement of Accounts, Statement of Pending Instructions and Statement of Transactions have to be updated by adding the new values for Transaction activity & Bank Transaction code fields.

Additionally, the details screens of Statement of Pending Instructions and Statement of Transactions need to add new field Transaction activity in order to show this information also in the GUI (U2A).

Short-term Statistical Information:

Inclusion of new attribute "Transaction Activity Code" for loading into STSI for statistical purposes.

Long-term Statistical Information:

Inclusion of the Transaction Activity Code as new dimension for reporting purposes.

Update of the settlement instruction entity to add the new attribute

Update of the settlement instructions loading process.

Make the new information available for reporting through the free queries.

Main cost drivers:

- Modify the validation process in order to be able to store the new activity indicator based on the mapping table defined.
- Update the data extraction for the generation of flat files semt.017 and semt.018 to retrieve the new activity indicator and to include this information in the report.
- Update of the report message/flows and respective GUI screen documentation to ensure the correct provision of the new codes
- Perform testing activities to ensure that the Instruction management functionality correctly stores the transaction activity code and it is correctly reported in the flat file reports for all type of instructions.

The changes described in this Change Request do not impact TIPS and the CSLD project. ECMS will have to adapt to the updated messages.

Summary of project risk

n.a.

Security analysis

No adverse effect has been identified during security assessment.



DG - MARKET INFRASTRUCTURE & PAYMENTS

ECB-PUBLIC



08 April 2020

Cost assessment on Change Requests

T2S-615-SYS – Enrich values in "Transaction activity field" of the "Securities Transaction Posting Report (semt.017)", of the "Securities Transaction Pending Report								
(semt.018)" and in "Bank Transaction Code" in the "End of Day Account Statement								
(camt.053)" with all ISO20022 codes								
One-off	Assessment costs* - Preliminary - Detailed	2,000.00 10,000.00	Euro Euro					
One-off	Development costs	253,179.97	Euro					
	Operational costs							
Annual	- Maintenance costs	22,480.58	Euro					
	- Running costs	0.00	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).