

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements (URD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: 4CB	Institute: 4CB	Date raised: 17/07/2013
Request title: Billing of External settlement scenario		Request ref. no: T2S 0422 SYS
Request type: Common		Urgency: Normal
1. Legal/business importance parameter: Medium	2. Market implementation efforts parameter: Low	
3. Operational/Technical risk parameter: Low	4. Financial impact parameter: No cost impact	
Requestor Category: 4CB	Status: Authorised at Steering Level	

Reason for change / expected benefits / business case:

The concept of Billing is based on counting Billable Events for Accounts and Parties, which are then cumulated on CSD/CB level for the invoice. Whether the account or the party is used as basis for the Billable Events depends on the type of T2S Service.

The current functional design for Billing takes into account only Accounts and Parties which are known in T2S (i.e. stored in T2S database as T2S Securities Account, T2S Dedicated Cash Account or Party).

This has the adverse effect that Settlement instructions containing an "unknown account number" (i.e. account number of a securities account outside T2S) are currently not charged in T2S.

"Unknown account numbers" are used in case of External settlement scenario, which allows External CSDs to send Settlement Instructions into T2S. In this scenario an External CSD can be involved as Issuer, Investor or both (two instructions settling securities between two external accounts).

Therefore, if the functional design is not changed T2S is not able to charge External Settlement Scenario correctly as the general requirement for Billing is to charge the settlement and matching (and further settlement services).

Description of Request:

In order to price the external settlement correctly, T2S foresees a special process for billing External Settlement Scenario. Within this scenario (External CSD as Issuer, Investor or both) an External account number, which is unknown to T2S, is contained in the Settlement Instructions.

In order to ensure that all Service Items as published in the UDFS can be billed correctly to the T2S actor (i.e. CSD or CB) (including External Settlement Scenario) the concept of Billing has to be changed in order to include External Security Account numbers into the billing data / invoice creation process.

This request foresees to include new processing steps which enable T2S to consider External Securities Accounts for Billing. This means that Billing will take external securities accounts into consideration for the creation of itemised Billing data and will also be added to the calculation of the cumulative billing data, which are basis for the invoice. The number of service items counted for the External Account will be considered in the invoice of the CSD which is responsible for the External CSD (which is configured as a party in T2S). Additionally the datamodel has to be updated to include the storage of External Account numbers for the storage of Billing data (this datamodel extract is shown in the GFS). Moreover a business rule belonging to the Itemised Billing Data Query has to be dropped because it would prevent T2S System Users from searching for Itemised Billing Data of External CSDs Securities Accounts. Consequently the following responses might be sent as Itemised Billing Data Query response in case the used search criteria is a Securities Account Number:

1. Account is known in T2S and billing data existent:
>> camt.077 will contain all billing data concerning this account
2. Account is not known in T2S but billing data is existent:
>> camt.077 will contain all billing data concerning this account
3. Account is known in T2S but no billing data existent:
>> camt.077 will contain following error block:
BllgRpt/BllgRptOrErrChc/OprlErr/Desc: "No data found or no data found within the user's allowed data scope"
BllgRpt/BllgRptOrErrChc/OprlErr/Err/Prtry: X000

4. Account is not known in T2S and no billing data existent:
 >> camt.077 will contain following error block:
 BllgRpt/BllgRptOrErrChc/OprlErr/Desc: "No data found or no data found within the user's allowed data scope"
 BllgRpt/BllgRptOrErrChc/OprlErr/Err/Prtry: X000

Possibilities 3 and 4 reflect the standard T2S behavior for query responses, where no matching data can be returned.

Proposed wording for the SYS Change request:

GFS section <3.8.5.1 Dynamic Data managed by the module>

Conceptual datamodel

Update of datamodel part for Billing to include the External Account number for the storage of itemised Billing Data.

UDFS section <3.3.3.30 BillingReportRequestV01 (camt.076.001.01)>

3.3.3.30.2 The T2S-specific schema, References/Links

Update of Mapping for Message field <SciesAcctId> in order to include the External Securities Account number. This impacts the pdf documentation and html in the UDFS.

(No schema impact required)

The Business Rule QMPC030 will be deleted from the list of business rules applicable to the schema camt.076.

UDFS section <3.3.3.30. BillingReportRequestV01 (camt.076.001.01)>

3.3.3.30.3 The message in business context

[...]

Query Type: Itemised Billing Data Query

[...]

MESSAGE ITEM	DATA TYPE / CODE	UTILISATION
Identification Document/BllgRptReq/MsgHdr/ReqTp/Prtry/Id	QueryType2Code_T2S_8	"ITEM"
BillingIdentification Document/BllgRptReq/SchCrit/BllgId/BllgId	RestrictedFINXMax16Text	Billing ID of a related invoice
FromDate Document/BllgRptReq/SchCrit/BllgPrd/FrDt	ISODate	Start date of the billing period
ToDate Document/BllgRptReq/SchCrit/BllgPrd/ToDt	ISODate	End date of the billing period
CSDIdentification Document/BllgRptReq/SchCrit/CSDOrNCB/CSDId	BICFIIdentifier	If used, Billed CSD BIC
NCBIdentification Document/BllgRptReq/SchCrit/CSDOrNCB/NCBId	BICFIIdentifier	If used, Billed CB BIC
BilledCustomerIdentification Document/BllgRptReq/SchCrit/BlldCstmrId	BICFIIdentifier	BIC of the of the party which is invoiced by a CSD/CB
Identification Document/BllgRptReq/SchCrit/AcctId/SciesAcctId/Id	RestrictedFINXMax35Text	If used, Securities Account Number (can be a T2S Securities Account or an External Securities Account of an External CSD)
Identification Document/BllgRptReq/SchCrit/AcctId/CshAcctId/Othr/Id	RestrictedFINX2Max34Text	If used T2S Dedicated Cash Account Number

UDFS section <3.3.3.31 BillingReportV01 (camt.077.001.01)>**3.3.3.31.2 The T2S-specific schema, References/Links**

Update of Mapping for Message field <SciesAcctId> in order to include the External Securities Account number. This impacts the pdf documentation and html in the UDFS.

(No schema impact required)

UDFS section <4.1 Index of Business Rules and Error Codes>

~~QMPC030 In case a Securities Account Number is specified, it has to be known in T2S.~~ ~~camt.076 camt.077 Q029 The specified Securities Account Number is not known in T2S.~~

Submitted annexes / related documents:

Schedule 7 of the Framework Agreement.

The updated References/Links of the impacted messages will be available after the approval under the following link:

<http://www.bundesbank.de/Redaktion/EN/Documentation/4zb/HtmlDoc/v1.2.1/CR/CR-Overview.pdf>

High level description of Impact:**Outcome/Decisions:**

* Change Review Group Telco of 16 September 2013: The CRG decided to (i) make some wording updates on the Change Request for clarification purposes during a written procedure until 18 September 2013 and (ii) recommend the approval of the CR in principle.

* Advisory Group's advice on 4 October 2013: Following a written procedure from 27 September to 4 October 2013, the AG was in favour of the Change Request.

* CSD Steering Group meeting of 4 October 2013: Following a written procedure from 30 September to 4 October 2013, the CSG adopted the resolution to approve the Change Request.