



Insights on T2S billing and invoicing

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Last updated – April 2016

T2S Programme Office
European Central Bank





Table of contents

- 1 T2S invoice
- 2 Query of billing data
- 3 Billing data
- 4 A message/screen perspective
- 5 Scenario Analysis
- 6 References to T2S functional documentation



T2S invoice

Definition

Invoice creation

- T2S invoices CSDs and Central Banks at the beginning of each month (i.e. no invoice to DCPs*)
- Invoices are generated in XML format and are sent via A2A (Billing report - camt.077)
- CSDs/CBs can additionally request the T2S Service Desk an invoice in PDF format
- In exceptional circumstances, CSDs and CBs can ask for the creation of invoices on an intra-month basis

Invoice content

- Structure:
 - Header with invoice number, invoice period, issuer, addressee, etc.
 - Cumulative billing data: it includes data aggregated per billable item for a specific CSD/CB (i.e. quantity, price and total amount)
- Amounts are expressed in euros and rounded to two decimals (calculations are done with all decimals)

Invoice cancellation

- CSDs/CBs can require the cancellation and creation of a new invoice in case of errors

Invoice query

- Submitted XML invoices and their cancellations, if any, are accessible via the T2S Resend message functionality

* Directly Connected Parties



T2S invoice Invoice process

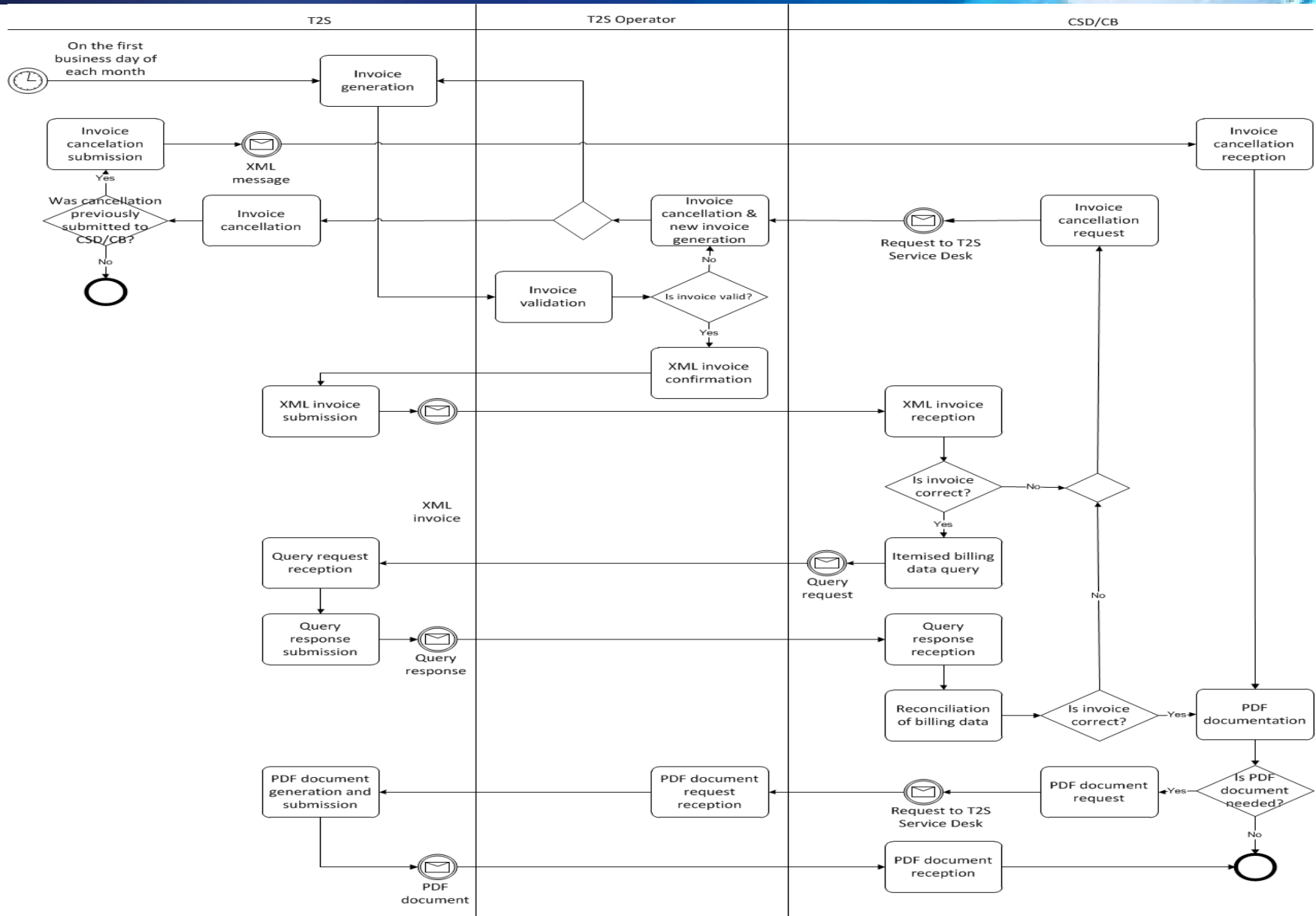




Table of contents

1 T2S invoice

2 Query of billing data

3 Billing data

4 A message/screen perspective

5 Scenario Analysis

6 References to T2S functional documentation



Query of billing data (I)

Why?

- CSDs/CBs might want to query the itemised billing data after receiving the invoice (it always includes the cumulative data) for instance

How?

- CSDs and CBs can query billing data via A2A or U2A for a billing period identical to an invoice period
- *Example: On 10 June, only the following billing periods are allowed: 1-31 March, 1-30 April, 1-31 May (a billing period from 1 April to 31 May will not be accepted)*

Query types

- Cumulative Billing Data Query: Its is aggregated per CSD/CB
- Itemised Billing Data Query: It includes a breakdown per account and/or party



Query of billing data (II)

Availability of billing data

- No intra-month billing data is available (i.e. data becomes accessible only after the invoice creation). However, CSDs/CBs can ask the T2S Service Desk to trigger the collection of data manually for a specific time period (e.g. 1-9 June); this will not result in an invoice creation
- Billing data is only available online for 3 calendar months (i.e. billing data is archived after 3 months) starting from the generation date of the invoice

→ *Example: On 10 June, billing data is only available from 1 March to 31 May 2014*

A2A message to query billing data

- Query: Billing Request Report (camt.076)
- Response: Billing Report (camt.077)

U2A screens to query billing data

- Cumulative billing data search/list screen and details screen
- Itemised billing data search/list screen and details screen

Required privileges

- Cumulative Billing Data Query (for message camt.076 and for U2A details screen)
- Itemised Billing Data Query (for message camt.076 and for U2A details screen)
- Cumulative billing data list query (for U2A list screen)
- Itemised billing data list query (for U2A list screen)

→ *The above privileges cover the whole data scope of a CSD/CB. Therefore, the possibility to query billing data will most likely not be given to a Directly Connected Party (DCP)*



Table of contents

1 T2S invoice

2 Query of billing data

3 Billing data

4 A message/screen perspective

5 Scenario Analysis

6 References to T2S functional documentation



Billing data

T2S service items

- T2S collects data of the services used by each CSD/CB for statistical and billing purposes
- There are 3 categories of service items for billing purposes
 - Settlement services
 - Account management services
 - Information services
- Each service item is associated either to an Account or to a Party*

Service item category	Charge to CSD per
Settlement services	T2S Securities Account or unknown external Securities Account
Account mgmt. services	T2S Securities Account
Information services	CSD Participant, CSD or External CSD

Service item category	Charged to CB per
Settlement services	T2S Dedicated Cash Account
Account mgmt. services	T2S Dedicated Cash Account
Information services	Payment Bank or CB

* In an External Settlement scenario, Settlement services are counted per External Securities Account, and Information services per External CSD



Billing data

T2S service items for CSDs (I)

- Settlement service items for CSDs**

The table shows the different service items (each “√” represents a service item):

Item (counter per instruction)		Standard charge	Top/high priority surcharge*	Daytime surcharge*	Daytime congestion period surcharge*
DVP**	Matched	√		-	
	Full	√	√	√	√
	Partial	√	√	√	√
	Last partial	√	√	√	√
FOP	Matched	√		-	
	Full	√	√	√	√
	Partial	√	√	√	√
	Last partial	√	√	√	√

* It only applies to a successful settlement and not to failed settlement attempts

** DWPs (Delivery with Payment) and DFOP (Delivery Free of Payment) and equivalent Receive are also included





Billing data

T2S service items for CSDs (II)

■ Settlement service items for CSDs

The table shows the different service items (each “√” represents a service item):

Item (counter per instruction)	Standard charge	Top/high priority surcharge*	Daytime surcharge*	Daytime congestion period surcharge*
Account Allocation (DVP**/ FOP account allocations flag)	Matched	√	-	-
	Full	√	√	√
	Partial	√	√	√
	Last partial	√	√	√
Account Allocation (DVP**/ FOP- or FOP account allocations flag)	Matched	√	-	-
	Full	√	√	√
	Partial	√	√	√
	Last partial	√	√	√

* It only applies to a successful settlement and not to failed settlement attempts

** DWPs (Delivery with Payment) and DFOP (Delivery Free of Payment) and equivalent Receive are also included



Billing data

T2S service items for CSDs (III)

- **Settlement service items for CSDs**

Item (counter per fail or instruction)	Comment
Fail on intended settlement day	Surcharge. It only applies once per day after the Intended Settlement Date irrespective of the number of settlement attempts (e.g. a recycling of unmatched instruction is charged)
Cancellation	Triggered both by a T2S Actor or by T2S automatically
Settlement Modification – Hold/ Release	Relevant default settings do not attract a charge
Settlement Modification – Amendment	Relevant default settings do not attract a charge
Intra-Position movements	T2S generated IPM are also charged except for those related to auto-collateralisation
Intra-Position movement Cancellation	Triggered both by a T2S Actor or by T2S automatically
Auto-collateralisation service with PB	Only the collateral provider is charged
Auto-collateralisation service with CB	Only the collateral provider is charged



Billing data

T2S service items for CSDs (IV)

- **Account management service items for CSDs**

Item (i.e. ISIN or account)	Comment
Securities Account (ISIN)	Charge per ISIN independently of the quantity or position
Securities Account (Account)	Charge per active securities account

- A Securities Account could be charged per ISIN or per Account*
- A Securities Account closed during a billing period is also charged

* The choice is done at the time that the Securities Account is created (field called 'Pricing scheme')



Billing data

T2S service items for CSDs (IV)

Information service items for CSDs

The table shows the different service items (each “√” represents a service item):

Item (i.e. transmission, message per file)	Inbound	Outbound	Comment
Transmission	√	√	A transmission is a message, file, A2A query request/response, A2A report (it excludes technical acknowledgements)
Messages bundled into a file	√	√	The charge is based on the number of accepted messages in a file

- For inbound and outbound transmission/bundled messages, the service item is linked to the "business sending party*" (inbound) or "receiving party**" (outbound)
- If a DCP sends a message to T2S, the information service item will be linked to the DCP as the DCP is the business sending party

* The business sending party is the party which the business sending user (i.e. user creating the business payload of the request) belongs to. See UDFS section 1.3.2 Authentication and authorisation

** Party to which T2S addresses a message



Billing data

T2S service items for CSDs (VI)

Information service items for CSDs

The table shows the different service items (each “√” represents a service item):

Item (i.e. business item per report/query)		Outside congestion period	During congestion period
A2A	Reports	√	√
	Queries	√	√
U2A	Queries	√	√
	Query (Downloaded)*		√

- Each report/query type is a separate Service Item
- A2A reports/queries are charged per reported business item
- The service item is linked to the "receiving party"

* Charge applies on the number of downloaded business items.

There is only one business item irrespectively of the period



Billing data

T2S service items for CBs (I)

- **Settlement service items for CBs**

Item (counter per currency/order or instruction)

Internal Liquidity Transfer

Outbound Liquidity Transfer

Intra-Balance movements*

- There is a separate service item for the different combinations of liquidity transfer and currency



Billing data

T2S service items for CBs (II)

- **Account management service items for CBs**

Item (i.e. account)	Comment
T2S Dedicated Cash Account	Charge per active T2S Dedicated Cash Account

→ A T2S Dedicated Cash Account closed during a billing period is also charged



Billing data

T2S service items for CBs (III)

Information service items for CBs (I)

The table shows the different service items (each “√” represents a service item):

Item (i.e. transmission, message per file)	Inbound	Outbound	Comment
Transmission	√	√	A transmission is a message, file, A2A query request/response, A2A report (it excludes technical acknowledgements).
Messages bundled into a file	√	√	The charge is based on the number of accepted messages in a file

- For inbound and outbound transmission/bundled messages, the service item is linked to the "business sending party*" (inbound) or "receiving party**" (outbound)
- If a DCP sends a message to T2S, the information service item will be linked to the DCP as the DCP is the business sending party

* The business sending party is the party which the business sending user (i.e. user creating the business payload of the request) belongs to. See UDFS section 1.3.2 Authentication and authorisation

** Party to which T2S addresses a message



Billing data

T2S service items for CBs (IV)

Information service items for CBs (II)

The table shows the different service items (each “√” represents a service item):

Item (i.e. business item per report/query)		Outside congestion period	During congestion period
A2A	Reports	√	√
	Queries	√	√
U2A	Queries	√	√
	Query (Downloaded)*		√

- Each report /query type is a separate Service Item
- A2A reports/queries are charged per reported business item
- The service item is linked to the "receiving party"

* Charge applies on the number of downloaded business items.

There is only one business item irrespectively of the period



Billing data

T2S price list (I)

- T2S charges a fee per service item according to the T2S price list:

<http://www.ecb.europa.eu/paym/t2s/pricing/list/html/index.en.html>

Tariff items	Price	Explanation
Settlement services		
Delivery versus payment	15 cents	per instruction*
Free of payment/payment free of delivery	9 cents	per instruction*
Internal T2S liquidity transfer	9 cents	per transfer
Account allocation	3 cents	per instruction*
Matching	3 cents	per instruction*
Intra-position/intra-balance movement	6 cents	per transaction
Auto-collateralisation service with payment bank	15 cents	for issue and return, charged to collateral provider †
Intended settlement day failed transaction	15 cents	surcharge per business day failed per instruction*
Daytime settlement process	3 cents	surcharge per instruction*
**Daytime – last two hours, 2pm – 4pm	Free	additional surcharge per instruction*
**Auto-collateralisation service with national central bank	Free	per transaction, charged to the collateral provider
**Instruction marked with “top/high priority”	Free	surcharge per instruction*
**Cancellation	Free	per instruction*
**Settlement modification	Free	per instruction*

* Two instructions per transaction will be charged.

** These items will initially be free of charge, presuming that actual usage will be within an expected consumption pattern. However, should there be greater than expected use of the IT system resources, leading to an adverse effect on T2S performance, charging for these items will be reconsidered. Such a review will occur at regular intervals.

† The auto-collateralisation with payment bank (i.e. client-collateralisation) is charged in line with the usage of T2S resources; and only the collateral provider is charged in accordance with the T2S Framework Agreement. One collateralisation item plus both instructions of each auto-collateralisation leg are charged per ISIN and providing account, i.e. 15 cents * 5 (i.e. 1 collateralisation item + 4 settlement instruction) = 75 cents for each auto-collateralisation service with payment bank.



Billing data

T2S price list (II)

- T2S charges a fee per service item according to the T2S price list:
<http://www.ecb.europa.eu/paym/t2s/pricing/list/html/index.en.html>

Tariff items	Price	Explanation
Information services		
A2A reports	0.4 cent	per business item in a report
A2A queries	0.7 cent	per queried business item
U2A queries*	10 cent	per executed query
Message bundled into a file	0.4 cent	per message in each file containing bundled messages
Transmissions	1.2 cent	per transmission
Account management services		
**Securities account	Free	Fee options: a) monthly fee per ISIN in the account or b) monthly fee per account
**Fee per cash account	Free	Monthly

* Please note that when a user uses a list query and afterwards selects an entry from the list query and performs a details query, then the user will be charged for both queries with the price of 10 cents per U2A query. So in this case the total charge will be 20 cents. If a U2A query were downloaded/exported, then it would be charged in the same manner as for A2A queries (i.e. 0.7 cent per business item in the downloaded U2A query).

** These items will initially be free of charge, presuming that actual usage will be within an expected consumption pattern. However, should there be greater than expected use of the IT system resources, leading to an adverse effect on T2S performance, charging for these items will be reconsidered. Such a review will occur at regular intervals.



Billing data

Validation of billing data

- CSDs/CBs can rely on standard T2S queries to validate the invoice information*

Example 1: How to validate the number of settled DVP instructions for a specific Securities Account in a billing period?

A CSD could send a Securities Settlement Transaction Query (semt.026 - Settlement Instruction Status Audit Trail Query - STPD) using the following fields as search criteria:

- Securities Movement Type: Delivery
- Payment: Against Payment
- Status type: Settled
- Date period: From Date – To Date as the billing period
- Securities Account: Relevant Securities Account

Example 2: How to validate the number of settled liquidity transfers for a specific Dedicated Cash Account in a billing period?

A CB could send a Immediate Liquidity Transfer Order List Query (camt.005 - ILLQ) using the following fields as search criteria:

- Date period: From Date – To Date as the billing period
- Dedicated Cash Account: Relevant Dedicated Cash Account

* There are no queries to validate the number of U2A queries and downloaded items in U2A queries. Remaining queries can be used but it might not always be a straightforward process



Table of contents

1 T2S invoice

2 Collection of billing data

3 Billing data

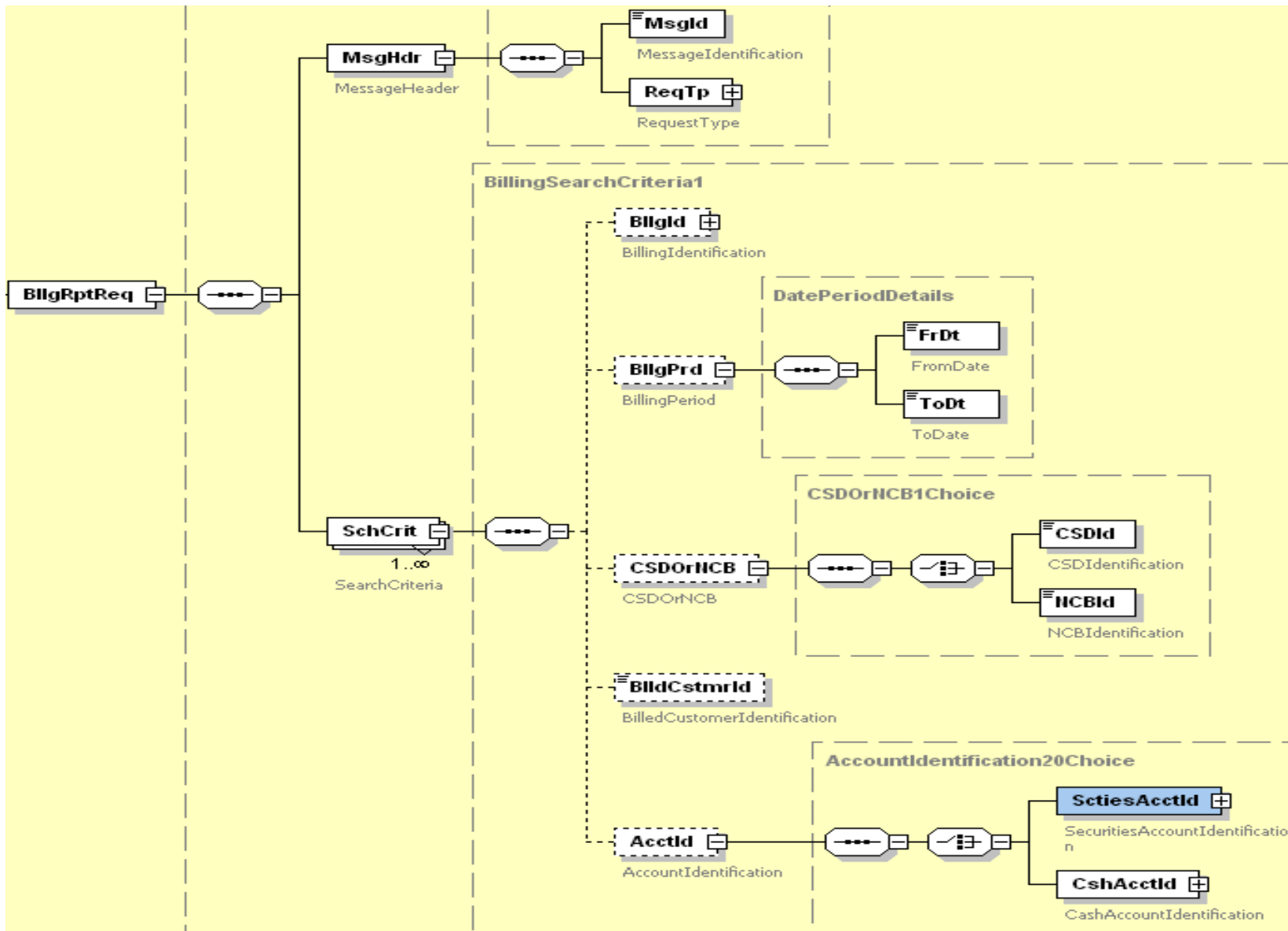
4 A message/screen perspective

5 Scenario Analysis

6 References to T2S functional documentation

A message perspective

Billing Report Request - camt.076 (I)





A message perspective

Billing Report Request - camt.076 (II)

Billing Report Request (camt.076) is used for two types of queries

- Cumulative Billing Data Query
- Itemised Billing Data Query

Structure

1. Message Header (MsgHdr)

- **Message Identification** (MsgId): identification assigned by T2S Actor
- **Request Type** (ReqTp): Possible values:
 - CUMU: Request for cumulative billing data
 - ITEM: Request for itemised billing data

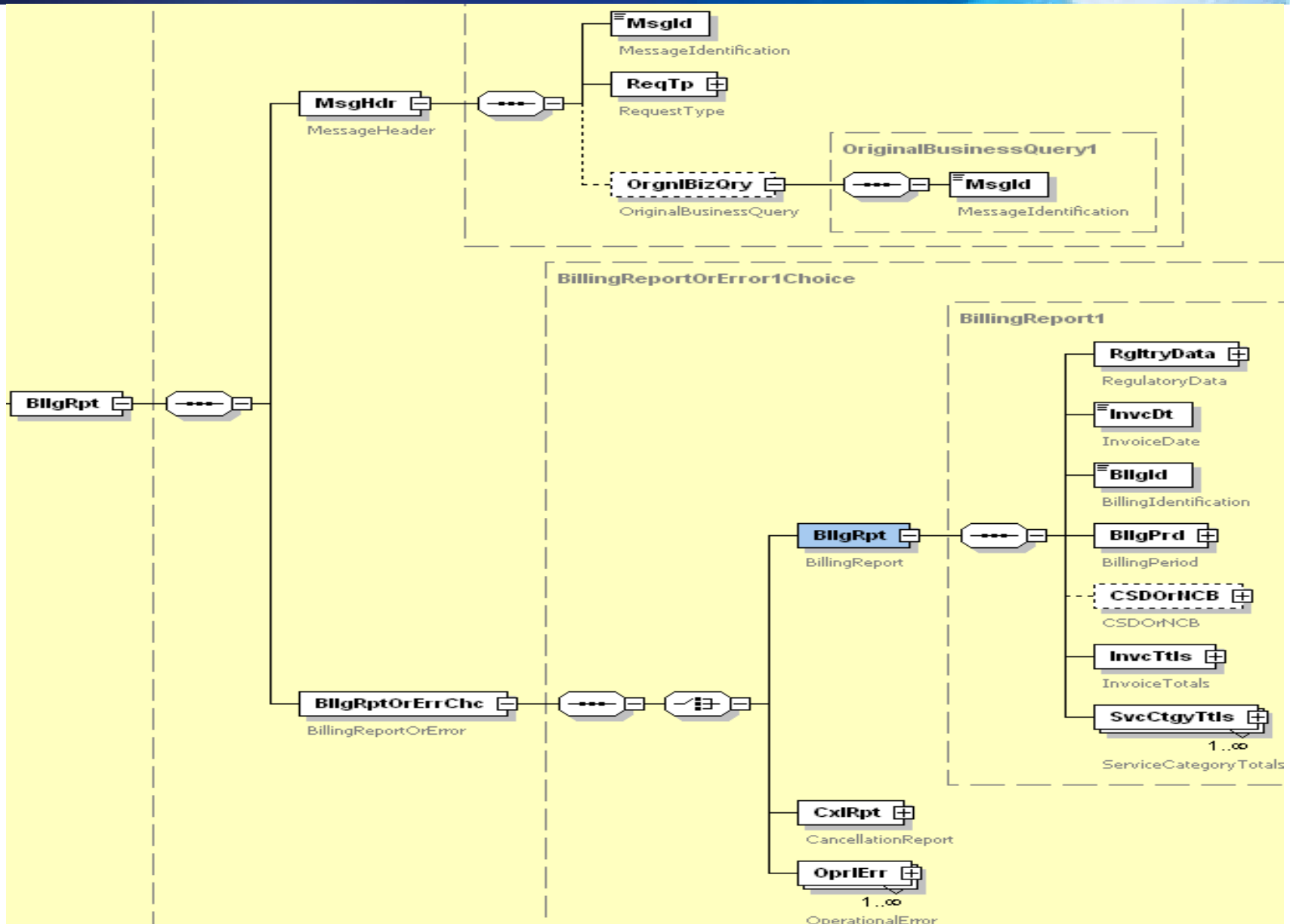
2. Search criteria (SchCrit): This block is repetitive (the billing identification/period and CSD/CB, if populated, should be consistent across the different blocks)

- **Billing Identification** (BlgId): reference of the T2S invoice
- **Billing Period** (BlgPrd): requested period for billing. It has to match with the billing period of any of the last invoices generated in the last 3 calendar months
- **CSD or CB** (CSDOrNCB): Choice between a CSD or a CB for querying party reference data
- **Billed Customer Identification** (BlldCstmrlId): Party of the CSD/CB to which the information services are linked. Criterion is not available for cumulative queries
- **Account Identification** (AcctId): securities account or DCA to which the settlement services and account management services are linked. Criterion is not available for cumulative queries

→ If a CSD/CB is interested in the itemised data for the whole CSD/CB, the CSD/CB will only have to indicate the relevant billing period and CSD/CB as search criteria

A message perspective

Billing Report - camt.077 (I)





A message perspective

Billing Report - camt.077 (II)

Billing Report (camt.077) is sent in the following message usages

- Cumulative Billing Data Query Response
- Itemised Billing Data Query Response
- Invoice
- Invoice Cancellation

Structure

1. Message Header (MsgHdr)

- **Message Identification** (MsgId): Its value is 'NONREF' as T2S includes the reference in the BAH
- **Request Type** (ReqTp): Possible values:
 - INVC: Invoice
 - CUMU: Cumulative Billing Data Report
 - ITEM: Itemised Billing Data ReportReport
 - CANC: Cancellation of an Invoice
- **Original Business Query** (OrgnlBizQry): Message identification assigned by the T2S Actor in the billing query (camt.076). This field is empty in invoices and their cancellations

2. Billing Report or Error (BlgRptOrErrChc)



A message perspective

Billing Report - camt.077 (III)

2. Billing Report or Error (BlgRptOrErrChc)

2.1 Billing Report (BlgRpt): It is only populated in valid response queries and invoices

- Regulatory Data (RgltryData): It includes name and details of the invoice issuer and addressee
- Invoice Date (InvcDt): Date on which the invoice is issued
- Billing Identification (BlgId): Unique identification of the billing report
- Billing Period (BlgPrd): From - To
- CSD Or NCB (CSDOrNCB): It provides the BIC of the CSD/CB
- Invoice Totals (InvcTtls): It includes the Total Invoice Amount (TtlInvcAmt) and Payment Due Date (PmtDueDt). The latter only in invoices.
- Service Category Totals (SvcCtgyTtls): *See next slide*

2.2 Cancellation Report (CxlRpt): It is only populated in an invoice cancellation

2.3 Operational Error (OprlErr): It is only populated in case of errors in the billing query or zero results

General Information: T2S does not store query responses for both U2A or A2A queries. Therefore for a U2A-only Party (without a configuration of message subscription), it is not possible to see any message on the Outbound Message screen.



A message perspective

Billing Report - camt.077 (III)

2. Billing Report or Error (BlgRptOrErrChc)

2.1 Billing Report (BlgRpt): It is only populated in valid response queries and invoices

- (...) see remaining fields in previous slide
- Service Category Totals (SvcCtgyTtls): This block is repeated three times in the cumulative billing data query (one per service category), and three times per each account and party in the itemised billing data query (provided that there is data). It includes:
 - Account Identification (AcctId): It is only used in itemised query and includes the Account to which the services are linked
 - Billed Customer Identification (BlldCstmId): It is only used in itemised query and includes the BIC of the party to which the services are linked
 - Total Invoice Amount (TtlInvcAmt): Total amount for all the items under a service category
 - Service Category (SvcCtgy): It includes the service category: ACMS (Account Management Services); INSV (Information Services) or SETT (Settlement Services)
 - Service Item Totals (SvcltmTtls): Repetitive block per service item
 - Item Type (ItmTp)*
 - Quantity (Qty)
 - Unit Price (UnitPric)
 - Total Invoice Amount (TtlInvcAmt)

→ T2S will not include message blocks with no billing data or no price:

Example 1: As currently there is no price for the Account Management Services (ACMS), the 'Service Category Totals' for that service category will not be populated

Example 2: A 'Service Item Totals' for an item with an unit price equal to zero will not be populated

Example 3: A 'Service Item Totals' for an item with an quantity equal to zero will not be populated



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* List of codes used by T2S is available in MyStandards under camt.077. An extract from MyStandards is annexed to this presentation



A message perspective

Cumulative Billing Data Search/List Screen

Services > Additional Services > Cumulative Billing Data

Search Criteria - Cumulative Invoices

Billing Reference:

Party BIC (CSD/CB):

Billing Period Date From:

Billing Period Date To:

Confirmation Status:

Cancellation Status:

10 (1 of 1)

Billing Reference	Party	Billing Period	Amount	Currency	Confirmation Status	Cancellation Status
No records found						

10 (1 of 1)



A message perspective

Itemised Billing Data Search/List Screen

Services > Additional Services > Billing

Itemised Billing Data - Search Criteria

CSD/CE Party BIC
PAR2DEFF123

Billing Reference

Securities Account Number
 All Number

T2S Dedicated Cash Account Number
 All Number

CSD/CE/CSD Participant/Payment Bank
 All Party BIC

All

Date from

Date to

Itemised Billing Data - List

5 (1 of 1)

Billing Reference	Party BIC	Object Type	Object Value	Billing Period
D527-03-2012	CSD1DEFF00X	CSD BIC	CSD1DEFF00X	2012-09-01/2012-09-30
D528-03-2012	CSD1DEFF00X	Securities Account Number	S111	2012-09-01/2012-09-30
D529-03-2012	CSD1DEFF00X	T2S Dedicated Cash Account Number	1-NCB1	2012-09-01/2012-09-30

5 (1 of 1)



Table of contents

- 1 T2S invoice
- 2 Collection of billing data
- 3 Billing data
- 4 A message/screen perspective
- 5 Scenario Analysis
- 6 References to T2S functional documentation



Scenario Analysis 1

Example - Directly Connected Party (DCP) - 1

- T2S optionally provides the possibility of extending privileges across system entities (e.g. access across CSDs)
- How does a CSD get billed when a DCP instructs in a cross-system entity access scenario*?

Illustration via an example of Bank A, a Directly Connected Party (DCP) at 2 CSDs:

Bank A is a DCP and member of two CSDs.

1. Bank A sends a file** with 2 instructions, one for a Securities Account (SAC) at CSD1, the other for a SAC at CSD2
2. Bank A queries a SAC at CSD2

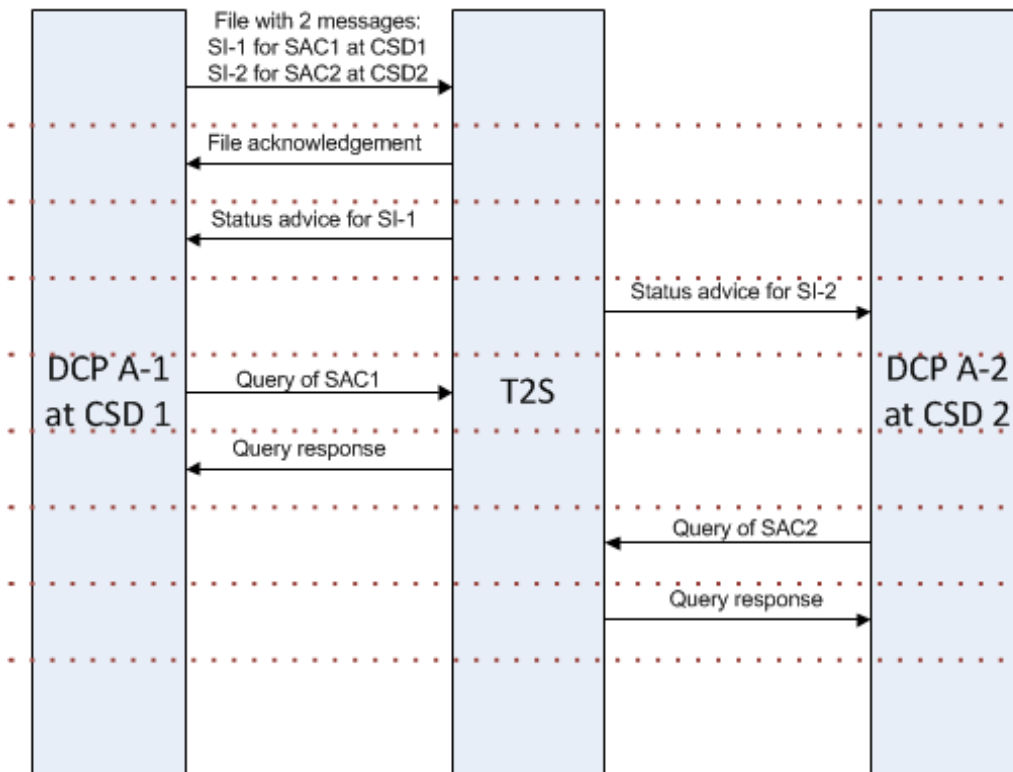
*For more information on the T2S Access Model and the configuration of cross-system entity extended data scope, please refer to: <http://www.ecb.europa.eu/paym/t2s/governance/extmtg/html/mtg39.en.html>

** The file is sent by a business sending user (this is specified in the Business File header – head.002) belonging to CSD Participant A-1 at CSD A

Scenario Analysis 1

Example - Directly Connected Party (DCP) - 2

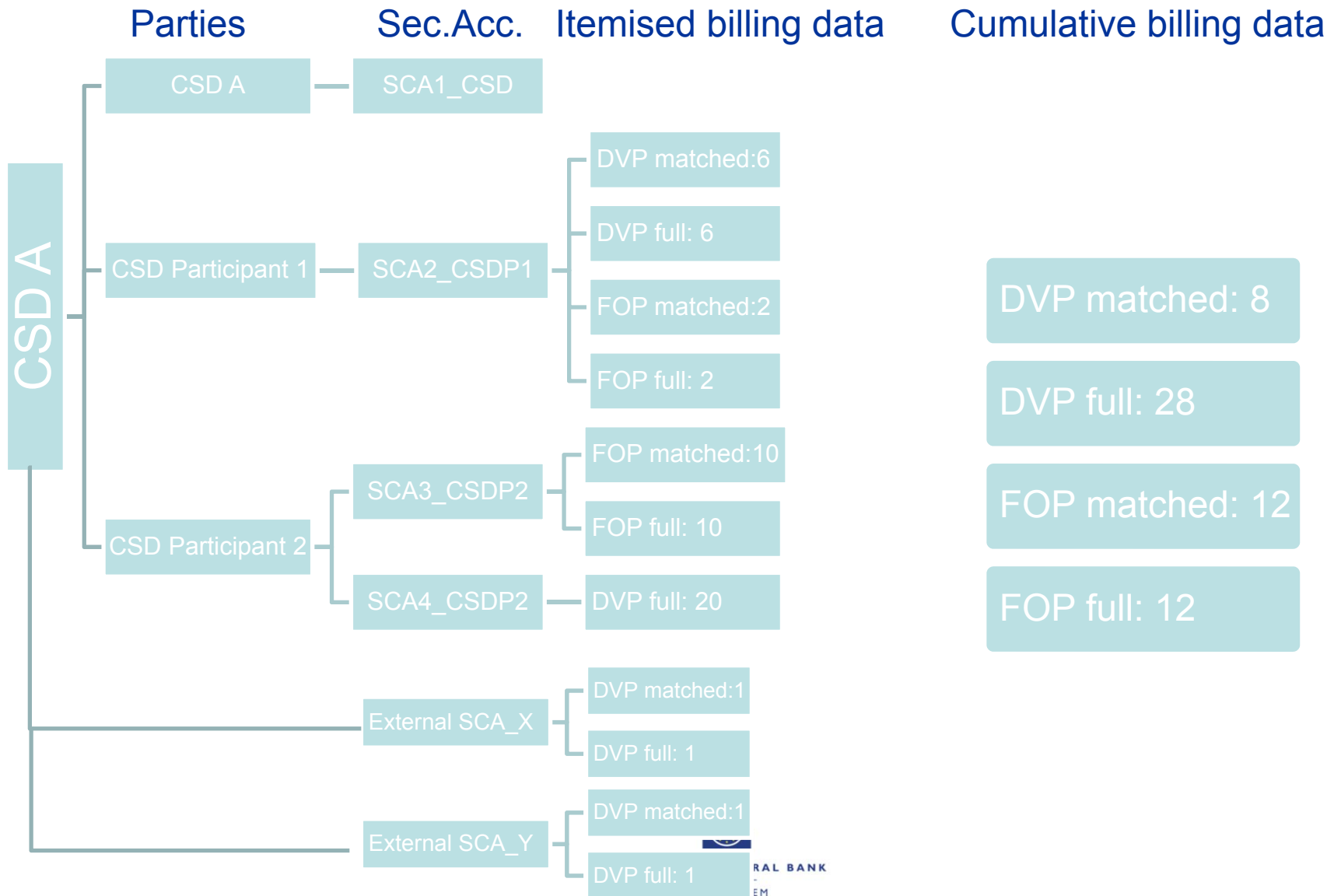
Example: Bank A is a DCP and member of two CSDs.



CSD-1		CSD-2	
Settlement Services	Information Services	Settlement Services	Information Services
-	DCP A-1	-	-
-	-	-	-
SAC1	DCP A-1	-	-
-	-	SAC2	DCP A-2
-	DCP A-1	-	-
-	DCP A-1	-	-
-	-	-	DCP A-2
-	-	-	DCP A-2

Scenario Analysis 2

Example - Settlement services for a CSD





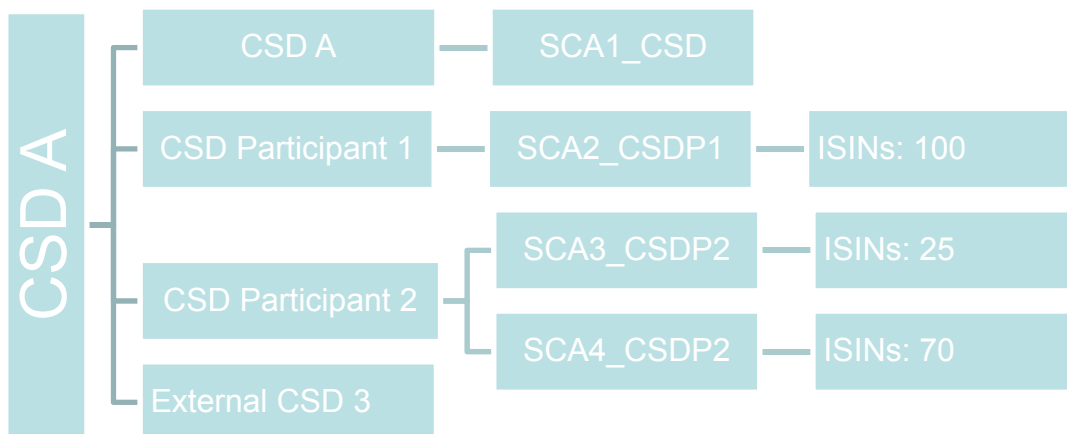
Scenario Analysis 2

Example - Account management services for a CSD

Parties

Sec.Acc./Itemised billing data

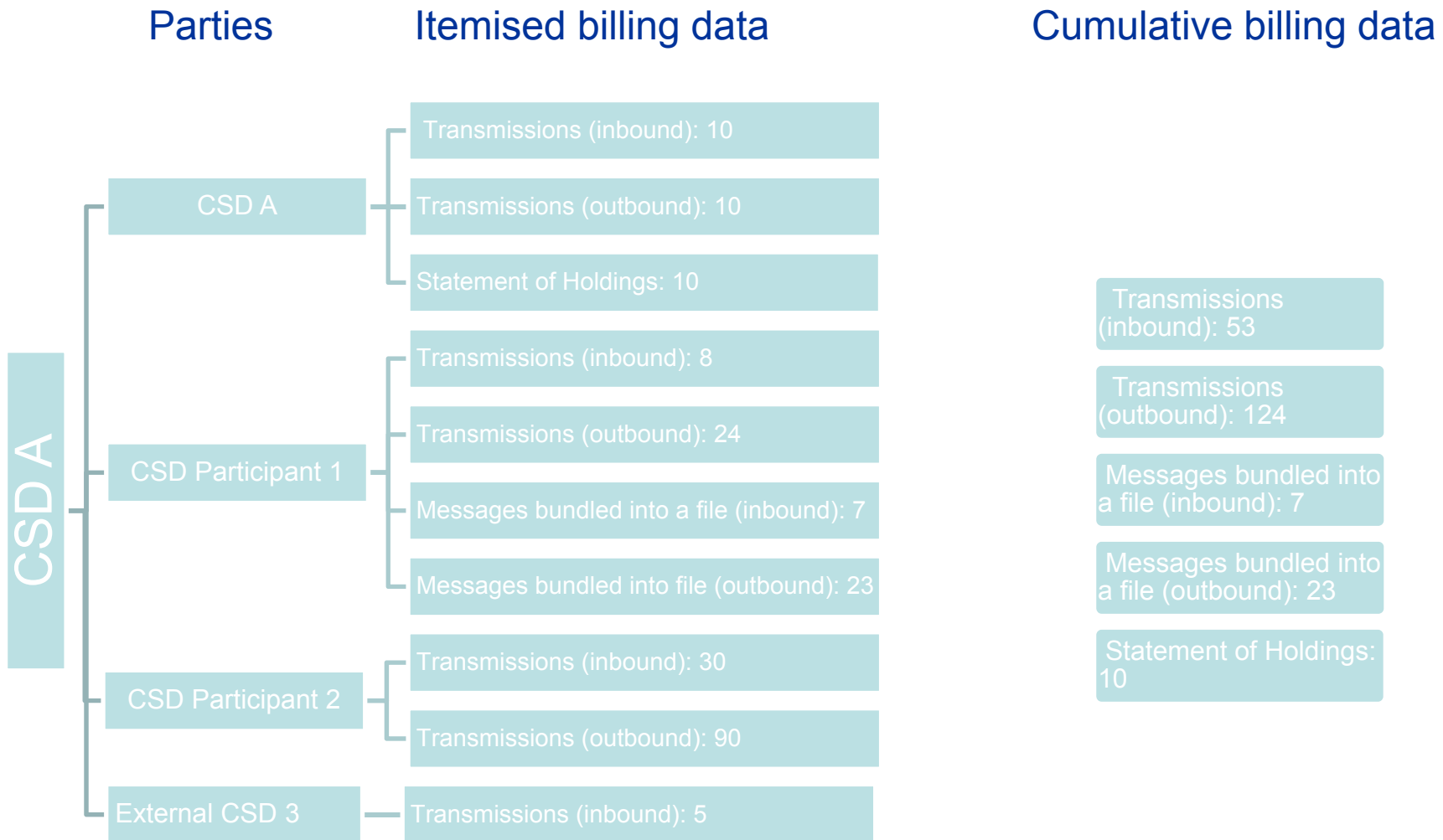
Cumulative billing data



Accounts: 4

or

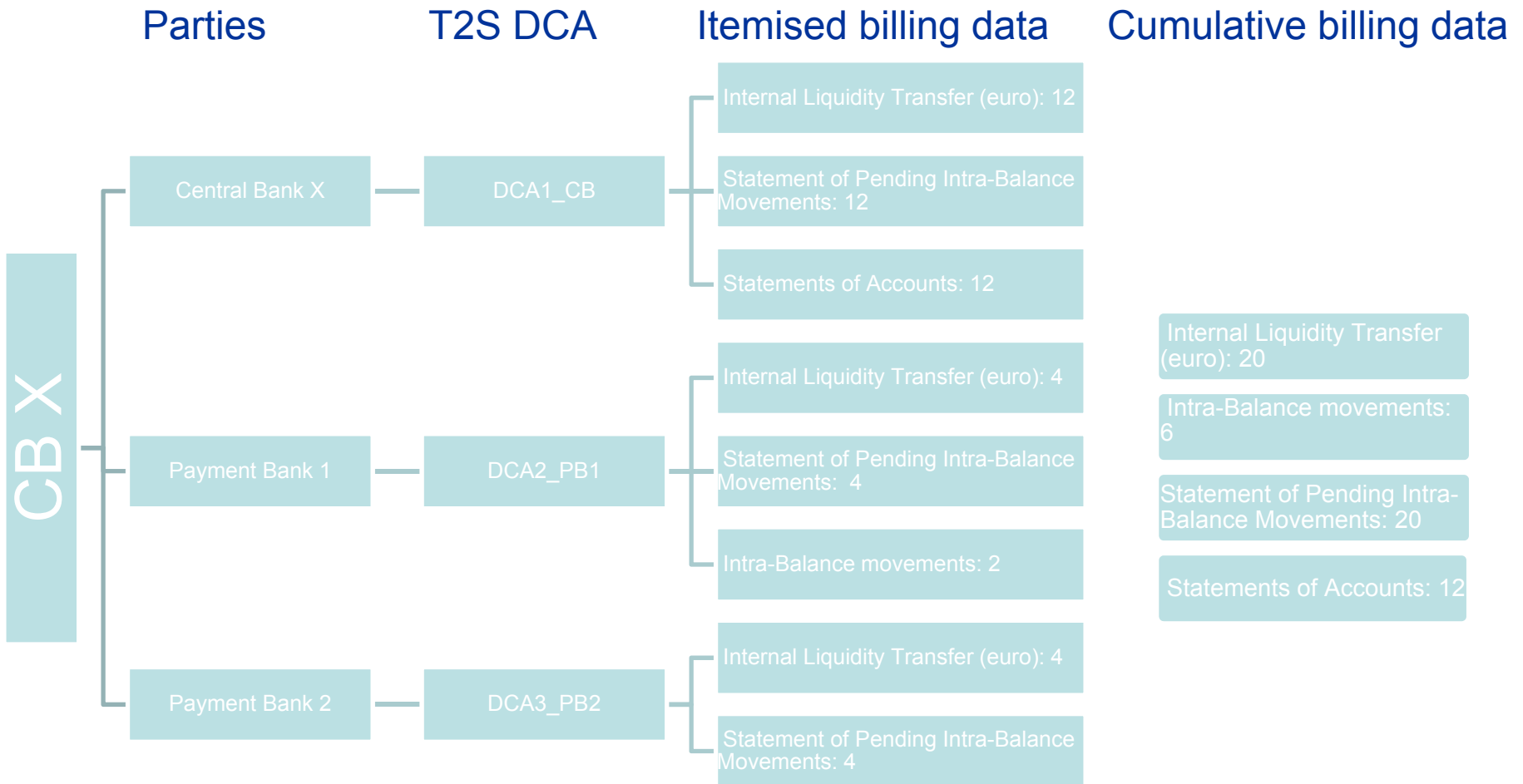
ISINs: 195





Scenario Analysis 3

Example - Settlement services for a Central Bank





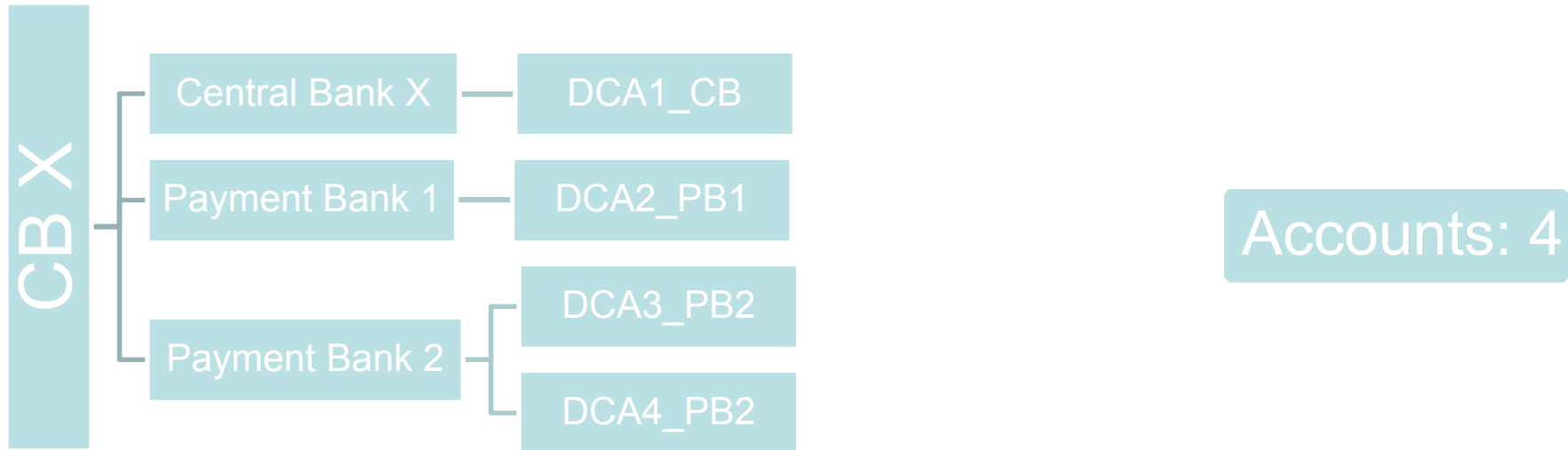
Scenario Analysis 3

Example - Account management services for a Central Bank

Parties

T2S DCA/Itemised billing data

Cumulative billing data





Scenario Analysis 3

Example - Information services for a Central Bank

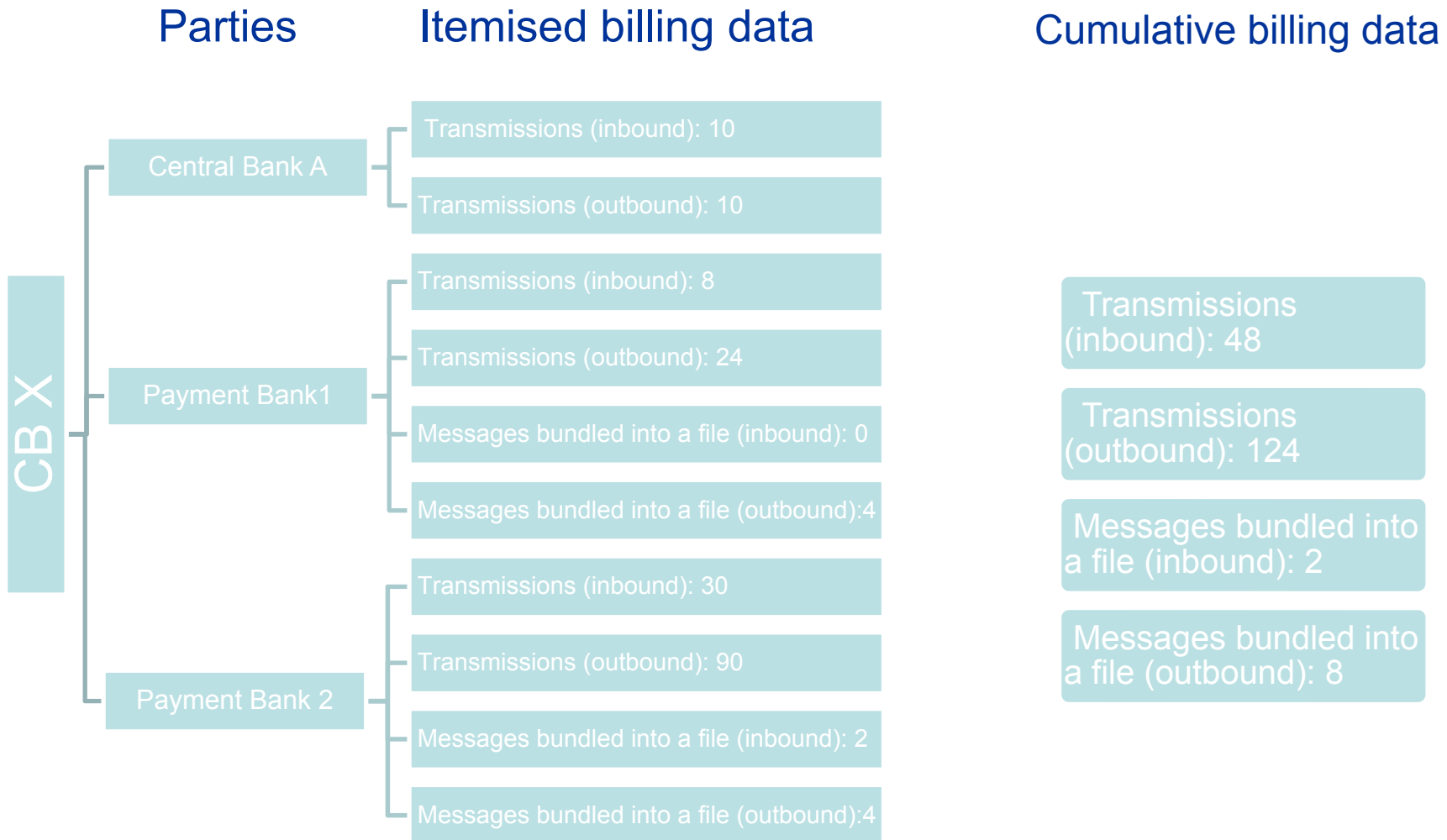




Table of contents

- 1 T2S invoice
- 2 Collection of billing data
- 3 Billing data
- 4 A message/screen perspective
- 5 Scenario Analysis
- 6 References to T2S functional documentation



References to T2S functional documentation

URD:15.2 Billing of CSDs (page 369)

15.3 Invoicing (page 370)

T2S.13.290 - Billing Data Report: “T2S shall transmit to the CSD only the data providing details backing an invoice at the end of the billing period. This report should be based on an event (e.g. start of day-time phase on the first business day after the end of the billing period)”

References - UDFS section :

- 1.6.5.7 Invoicing (page 663)
- 1.6.5.7.6 Billing data collection process (page 668)
- 3.3.3.30 Billing Report Request - camt.076 (page 1042)
- 3.3.3.31 Billing Report - camt.077 (page 1046)

References – UHB section :

- 2.4.1.22 Cumulative Billing Data – Search/List Screen (page 534)
- 2.4.1.23 Cumulative Billing Data - Details Screen (page 538)
- 2.4.1.27 Itemised Billing Data - Search/List Screen (page 555)
- 2.4.1.28 Itemised Billing Data - Details Screen (page 561)
- 3.18.1 Monitoring of Billing Data (page 1477)
- 6.3.3.62 Cumulative Billing Data - Details Screen (page 1944)
- 6.3.3.63 Cumulative Billing Data - Search/List Screen (page 1945)
- 6.3.3.102 Itemised Billing Data - Details Screen (page 1960)
- 6.3.3.103 Itemised Billing Data - Search/List Screen (page 1960)

References - FA

References - GFS section:

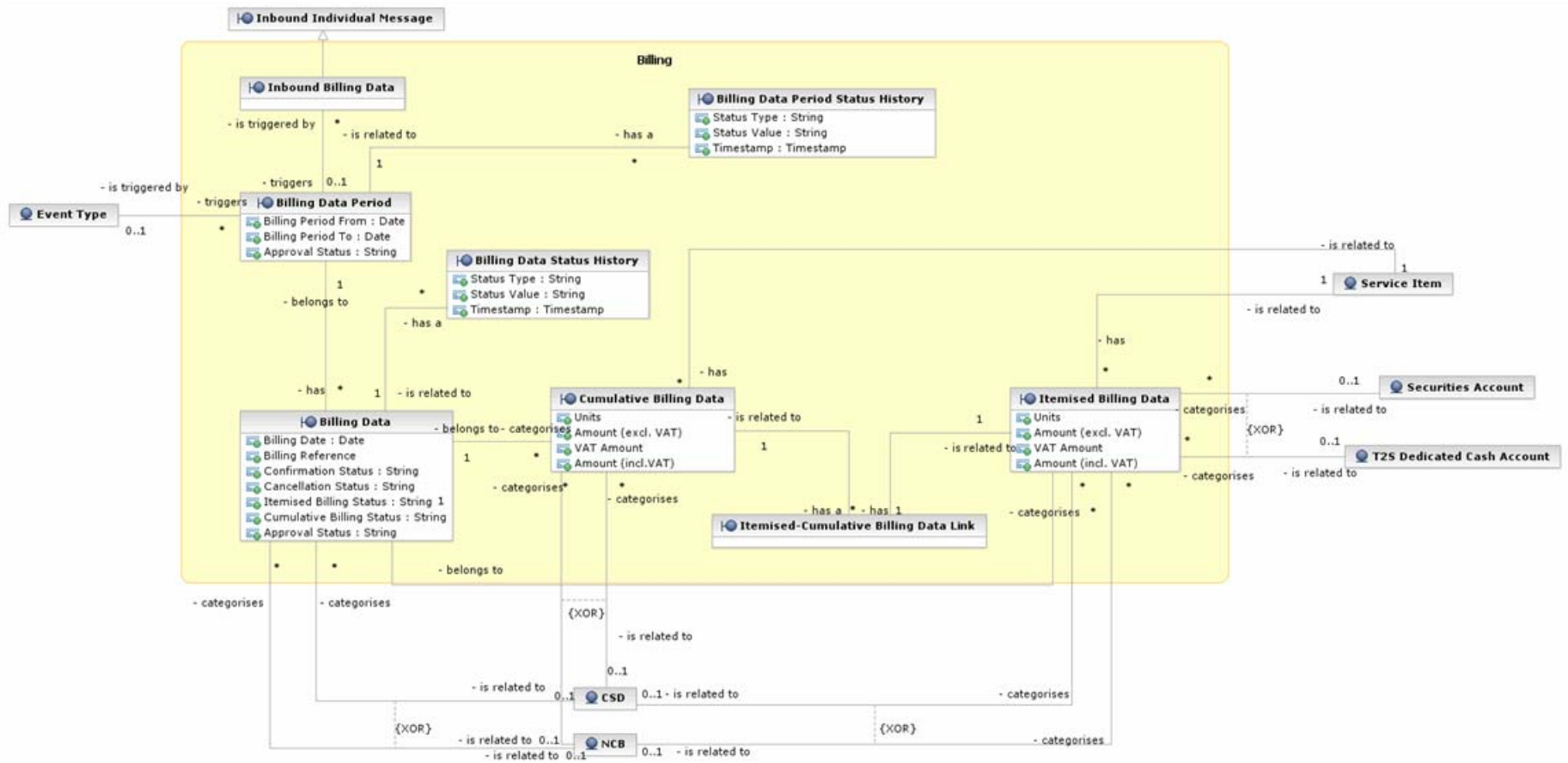
Data model

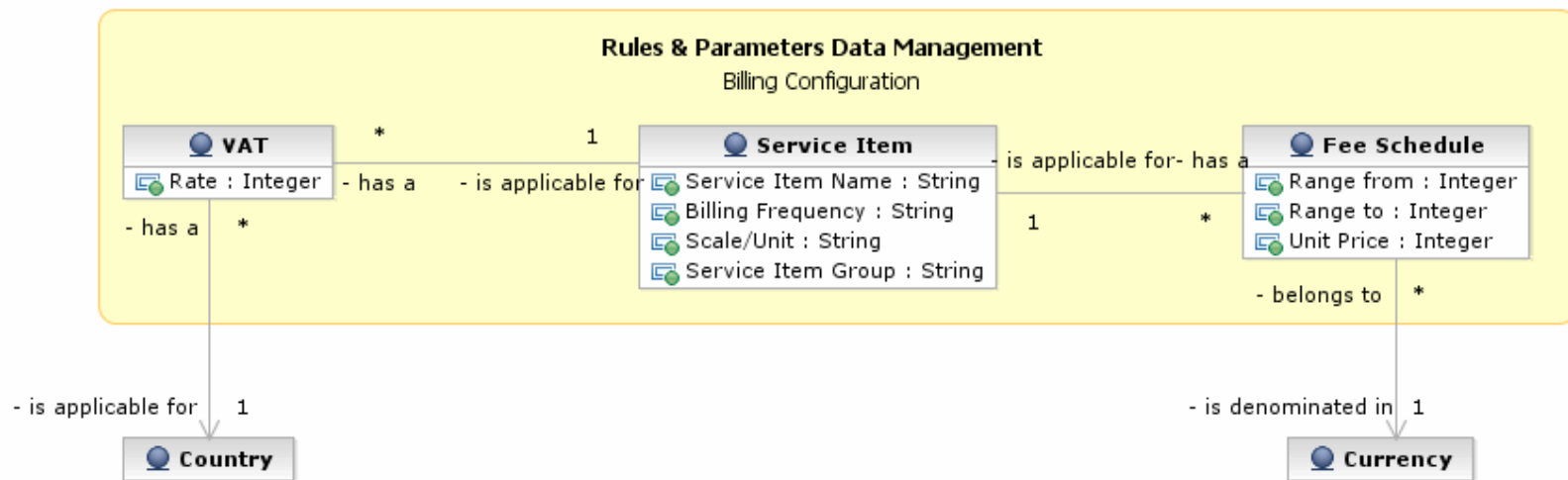


Thank you for your attention

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Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
Delivery versus Payment matched	0001
Delivery versus Payment (DVP) full	0002
Delivery versus Payment full (top/high priority)	0003
Delivery versus Payment full (daytime)	0004
Delivery versus Payment full (daytime – congestion period)	0005
Delivery versus Payment partial	0006
Delivery versus Payment partial (top/high priority)	0007
Delivery versus Payment partial (daytime)	0008
Delivery versus Payment partial (daytime – congestion period)	0009
Delivery versus Payment last partial	0010
Delivery versus Payment last partial (top/high priority)	0011
Delivery versus Payment last partial (daytime)	0012
Delivery versus Payment last partial (daytime – congestion period)	0013
Free of Payment matched	0020
Free of Payment (FOP) full	0021
Free of Payment full (top/high priority)	0022
Free of Payment full (daytime)	0023
Free of Payment full (daytime – congestion period)	0024
Free of Payment partial	0025
Free of Payment partial (top/high priority)	0026
Free of Payment partial (daytime)	0027
Free of Payment partial (daytime – congestion period)	0028
Free of Payment last partial	0029
Free of Payment last partial (top/high priority)	0030
Free of Payment last partial (daytime)	0031
Free of Payment last partial (daytime – congestion period)	0032
Payment free of delivery matched	0040
Payment free of delivery (PFOD)	0041
Payment free of delivery (top/high priority)	0042
Payment free of delivery (daytime)	0043
Payment free of delivery (daytime – congestion period)	0044
Account Allocation (DVP/FOP account allocations flag) matched	0050
Account Allocation (DVP/FOP account allocations flag) full	0051
Account Allocation (DVP/FOP account allocations flag) full (top/high priority)	0052
Account Allocation (DVP/FOP account allocations flag) full (daytime)	0053
Account Allocation (DVP/FOP account allocations flag) full (daytime – congestion period)	0054
Account Allocation (DVP/FOP account allocations flag) partial	0055
Account Allocation (DVP/FOP account allocations flag) partial (top/high priority)	0056
Account Allocation (DVP/FOP account allocations flag) partial (daytime)	0057
Account Allocation (DVP/FOP account allocations flag) partial (daytime – congestion period)	0058
Account Allocation (DVP/FOP account allocations flag) last partial	0059
Account Allocation (DVP/FOP account allocations flag) last partial (top/high priority)	0060
Account Allocation (DVP/FOP account allocations flag) last partial (daytime)	0061
Account Allocation (DVP/FOP account allocations flag) last partial (daytime – congestion period)	0062
Account Allocation (DVP/FOP-or FOP account allocations flag) matched	0063
Account Allocation (DVP/FOP-or FOP account allocations flag) full	0064
Account Allocation (DVP/FOP-or FOP account allocations flag) full (top/high priority)	0065
Account Allocation (DVP/FOP-or FOP account allocations flag) full (daytime)	0066
Account Allocation (DVP/FOP-or FOP account allocations flag) full (daytime – congestion period)	0067
Account Allocation (DVP/FOP-or FOP account allocations flag) partial	0068
Account Allocation (DVP/FOP-or FOP account allocations flag) partial (top/high priority)	0069
Account Allocation (DVP/FOP-or FOP account allocations flag) partial (daytime)	0070
Account Allocation (DVP/FOP-or FOP account allocations flag) partial (daytime – congestion period)	0071
Account Allocation (DVP/FOP-or FOP account allocations flag) last partial	0072
Account Allocation (DVP/FOP-or FOP account allocations flag) last partial (top/high priority)	0073
Account Allocation (DVP/FOP-or FOP account allocations flag) last partial (daytime)	0074
Account Allocation (DVP/FOP-or FOP account allocations flag) last partial (daytime – congestion period)	0075
Fail on intended settlement day	0080
Cancellation	0083
Settlement Modification – Hold/ Release	0086
Settlement Modification – Amendment	0087
Intra-Position movements	0090
Intra-Position movements Cancellation	0091
Intra-Balance movements	0092
Auto collateralisation service with payment bank	0095
Auto collateralisation service with CB	0096
Securities Account (ISIN)	0100
Securities Account (Account)	0101
Fee per cash account	0105
Transmission (inbound)	0110
Transmission (outbound)	0111
Messages bundled into a file (inbound)	0115

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
Messages bundled into a file (outbound)	0116
U2A Query - Outside Congestion Period - Access Rights Query	0119
U2A Query - Outside Congestion Period - Allegement Query	0120
U2A Query - Outside Congestion Period - Amendment Instruction Query for Intra-Balance Movements	0121
U2A Query - Outside Congestion Period - Amendment Instruction Query for Intra-Position Movements and Settlement Instructions	0122
U2A Query - Outside Congestion Period - Attribute Domain Details Query	0123
U2A Query - Outside Congestion Period - Attribute Domain List Query	0124
U2A Query - Outside Congestion Period - Attribute Reference Details Query	0125
U2A Query - Outside Congestion Period - Attribute Reference List Query	0126
U2A Query - Outside Congestion Period - Auto-Collateralisation Eligibility Link Query	0127
U2A Query - Outside Congestion Period - Broadcast Query	0128
U2A Query - Outside Congestion Period - Cancellation Instruction Query for Intra-Balance Movements Query	0129
U2A Query - Outside Congestion Period - Cancellation Instruction Query for Intra-Position Movements and Settlement Instructions	0130
U2A Query - Outside Congestion Period - Cash Account List Query	0131
U2A Query - Outside Congestion Period - Cash Forecast Query	0132
U2A Query - Outside Congestion Period - Certificate Query	0133
U2A Query - Outside Congestion Period - Close Link List Query	0134
U2A Query - Outside Congestion Period - Closing Day Query	0135
U2A Query - Outside Congestion Period - CMB Details Query	0136
U2A Query - Outside Congestion Period - CMB List Query	0137
U2A Query - Outside Congestion Period - CMB Securities Account Links List Query	0138
U2A Query - Outside Congestion Period - Collateral Value of a Security Query	0139
U2A Query - Outside Congestion Period - Collateral Value per T2S Dedicated Cash Account Query	0140
U2A Query - Outside Congestion Period - CoSD Rule List Query	0141
U2A Query - Outside Congestion Period - CoSD Rule Set List Query	0142
U2A Query - Outside Congestion Period - Country Query	0143
U2A Query - Outside Congestion Period - CSD Account Link Query	0144
U2A Query - Outside Congestion Period - Cumulative Billing Data List Query	0145
U2A Query - Outside Congestion Period - Cumulative Billing Data Query	0146
U2A Query - Outside Congestion Period - Currency Query	0147
U2A Query - Outside Congestion Period - Current Status of the T2S Settlement Day	0148
U2A Query - Outside Congestion Period - Data Changes Details Query	0149
U2A Query - Outside Congestion Period - Data Changes List Query	0150
U2A Query - Outside Congestion Period - Default Event Schedule Details Query	0151
U2A Query - Outside Congestion Period - Eligible Counterpart CSD List Query	0152
U2A Query - Outside Congestion Period - Eligible Counterpart CSD Details Query	0153
U2A Query - Outside Congestion Period - Event Type Details Query	0154
U2A Query - Outside Congestion Period - Event Type List Query	0155
U2A Query - Outside Congestion Period - External RTGS Account Details Query	0156
U2A Query - Outside Congestion Period - External RTGS Account List Query	0157
U2A Query - Outside Congestion Period - Granted System Privileges List Query	0158
U2A Query - Outside Congestion Period - Granted Object Privileges List Query	0159
U2A Query - Outside Congestion Period - Granted Roles List Query	0160
U2A Query - Outside Congestion Period - Immediate Liquidity Transfer Order Detail Query	0161
U2A Query - Outside Congestion Period - Immediate Liquidity Transfer Order List Query	0162
U2A Query - Outside Congestion Period - Inbound Files Details Query	0163
U2A Query - Outside Congestion Period - Inbound Files List Query	0164
U2A Query - Outside Congestion Period - Inbound Message Details Query	0165
U2A Query - Outside Congestion Period - Inbound Message List Query	0166
U2A Query - Outside Congestion Period - Intra-Balance Movement Query	0167
U2A Query - Outside Congestion Period - Intra-Balance Movement Query for possible restore actions	0168
U2A Query - Outside Congestion Period - Intra-Position Movement Query	0169
U2A Query - Outside Congestion Period - Intra-Position Movement Query for possible restore actions	0170
U2A Query - Outside Congestion Period - ISIN List Query	0171
U2A Query - Outside Congestion Period - Itemised Billing Data List Query	0172
U2A Query - Outside Congestion Period - Itemised Billing Data Query	0173
U2A Query - Outside Congestion Period - Limit Query	0174
U2A Query - Outside Congestion Period - Limit Utilisation Journal Query	0175
U2A Query - Outside Congestion Period - Limit Utilisation Query	0176
U2A Query - Outside Congestion Period - Liquidity Transfer Order Detail Query	0177
U2A Query - Outside Congestion Period - Liquidity Transfer Order Link Set Query	0178
U2A Query - Outside Congestion Period - Liquidity Transfer Order List Query	0179
U2A Query - Outside Congestion Period - Liquidity Transfer Order of a Liquidity Transfer Order Link Set Query	0180
U2A Query - Outside Congestion Period - Maintenance Instructions for Intra-Balance Movements Query	0181
U2A Query - Outside Congestion Period - Maintenance Instructions for Intra-Position Movements Query	0182

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
U2A Query - Outside Congestion Period - Market-Specific Attribute Detail Query	0183
U2A Query - Outside Congestion Period - Market-Specific Attribute List Query	0184
U2A Query - Outside Congestion Period - Market-Specific Restriction List Query	0185
U2A Query - Outside Congestion Period - Market-Specific Restriction Type Rule Detail Query	0186
U2A Query - Outside Congestion Period - Market-Specific Restriction Type Rule Parameter Detail Query	0187
U2A Query - Outside Congestion Period - Market-Specific Restriction Type Rule Set List Query	0188
U2A Query - Outside Congestion Period - Message Subscription Rule List Query	0189
U2A Query - Outside Congestion Period - Message Subscription Rule Set Details Query	0190
U2A Query - Outside Congestion Period - Message Subscription Rule Set List Query	0191
U2A Query - Outside Congestion Period - Network Service List query	0192
U2A Query - Outside Congestion Period - Operating Day Types Detail Query	0193
U2A Query - Outside Congestion Period - Operating Day Types List Query	0194
U2A Query - Outside Congestion Period - Outbound Files Details Query	0195
U2A Query - Outside Congestion Period - Outbound Files List Query	0196
U2A Query - Outside Congestion Period - Outbound Message Details Query	0197
U2A Query - Outside Congestion Period - Outbound Message List Query	0198
U2A Query - Outside Congestion Period - Outstanding Auto-Collateralisation Credit Query	0199
U2A Query - Outside Congestion Period - Partial Settlement Threshold Query	0200
U2A Query - Outside Congestion Period - Party List Query	0201
U2A Query - Outside Congestion Period - Party Reference Data Query	0202
U2A Query - Outside Congestion Period - Privilege Query	0203
U2A Query - Outside Congestion Period - Report Configuration Detail Query	0204
U2A Query - Outside Congestion Period - Report Configuration List Query	0205
U2A Query - Outside Congestion Period - Report Details Query	0206
U2A Query - Outside Congestion Period - Report List Query	0207
U2A Query - Outside Congestion Period - Residual Static Data Audit Trail Query	0208
U2A Query - Outside Congestion Period - Restricted Party Query	0209
U2A Query - Outside Congestion Period - Role List Query	0210
U2A Query - Outside Congestion Period - Routing List Query	0211
U2A Query - Outside Congestion Period - Secured Group Details Query	0212
U2A Query - Outside Congestion Period - Secured Group List Query	0213
U2A Query - Outside Congestion Period - Securities Account List Query	0214
U2A Query - Outside Congestion Period - Securities Account Position (History) Query	0215
U2A Query - Outside Congestion Period - Securities Account Reference Data Query	0216
U2A Query - Outside Congestion Period - Securities CSD Link Query	0217
U2A Query - Outside Congestion Period - Securities Deviating Nominal Query	0218
U2A Query - Outside Congestion Period - Securities Position Detailed Restriction Details Query	0219
U2A Query - Outside Congestion Period - Securities Posting Query	0220
U2A Query - Outside Congestion Period - Securities Reference Data Query	0221
U2A Query - Outside Congestion Period - Securities Valuation List Query	0223
U2A Query - Outside Congestion Period - Service Item Details Query	0224
U2A Query - Outside Congestion Period - Service Item List Query	0225
U2A Query - Outside Congestion Period - Settlement Instruction Audit Trail Query	0226
U2A Query - Outside Congestion Period - Settlement Instruction Current Status Query	0227
U2A Query - Outside Congestion Period - Settlement Instruction Query	0228
U2A Query - Outside Congestion Period - Settlement Instruction Query for possible restore actions	0229
U2A Query - Outside Congestion Period - Settlement Instruction Status Audit Trail Query	0230
U2A Query - Outside Congestion Period - Static Data Audit Trail/ Revision Query	0231
U2A Query - Outside Congestion Period - System Entity Query	0232
U2A Query - Outside Congestion Period - T2S BIC Query	0233
U2A Query - Outside Congestion Period - T2S Calendar Query	0234
U2A Query - Outside Congestion Period - T2S Dedicated Cash Account Balance Detailed Restrictions Query	0235
U2A Query - Outside Congestion Period - T2S Dedicated Cash Account Balance Query	0236
U2A Query - Outside Congestion Period - T2S Dedicated Cash Account Posting Query	0237
U2A Query - Outside Congestion Period - T2S Dedicated Cash Account Reference Data Query	0238
U2A Query - Outside Congestion Period - T2S Diary Query	0239
U2A Query - Outside Congestion Period - T2S Overall Liquidity Query	0240
U2A Query - Outside Congestion Period - T2S System User Link Query	0241
U2A Query - Outside Congestion Period - T2S System User Query (T2S Actor Query)	0242
U2A Query - Outside Congestion Period - Technical Addresses Network Services Link Details Query	0243
U2A Query - Outside Congestion Period - Tolerance Amount Query	0244
U2A Query - Outside Congestion Period - Total Amount of Standing and Predefined Liquidity Transfer Orders Query	0245
U2A Query - Outside Congestion Period - Total collateral value per T2S Dedicated Cash Account Query	0246
U2A Query - Outside Congestion Period - Transactional Data Audit Trail List Query	0248
U2A Query - During Congestion Period - Access Rights Query	0254
U2A Query - During Congestion Period - Allegement Query	0255
U2A Query - During Congestion Period - Amendment Instruction Query for Intra-Balance Movements	0256

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/tmTp
U2A Query - During Congestion Period - Amendment Instruction Query for Intra-Position Movements and Settlement Instructions	0257
U2A Query - During Congestion Period - Attribute Domain Details Query	0258
U2A Query - During Congestion Period - Attribute Domain List Query	0259
U2A Query - During Congestion Period - Attribute Reference Details Query	0260
U2A Query - During Congestion Period - Attribute Reference List Query	0261
U2A Query - During Congestion Period - Auto-Collateralisation Eligibility Link List Query	0262
U2A Query - During Congestion Period - Broadcast Query	0263
U2A Query - During Congestion Period - Cancellation Instruction Query for Intra-Balance Movements	0264
U2A Query - During Congestion Period - Cancellation Instruction Query for Intra-Position Movements and Settlement Instructions	0265
U2A Query - During Congestion Period - Cash Account List Query	0266
U2A Query - During Congestion Period - Cash Forecast Query	0267
U2A Query - During Congestion Period - Certificate Query	0268
U2A Query - During Congestion Period - Close Link List Query	0269
U2A Query - During Congestion Period - Closing Day Query	0270
U2A Query - During Congestion Period - CMB Details Query	0271
U2A Query - During Congestion Period - CMB List Query	0272
U2A Query - During Congestion Period - CMB Securities Account Links List Query	0273
U2A Query - During Congestion Period - Collateral Value of a Security Query	0274
U2A Query - During Congestion Period - Collateral Value per T2S Dedicated Cash Account Query	0275
U2A Query - During Congestion Period - CoSD Rule List Query	0276
U2A Query - During Congestion Period - CoSD Rule Set List Query	0277
U2A Query - During Congestion Period - Country Query	0278
U2A Query - During Congestion Period - CSD Account Link Query	0279
U2A Query - During Congestion Period - Cumulative Billing Data List Query	0280
U2A Query - During Congestion Period - Cumulative Billing Data Query	0281
U2A Query - During Congestion Period - Currency Query	0282
U2A Query - During Congestion Period - Current Status of the T2S Settlement Day	0283
U2A Query - During Congestion Period - Data Changes Details Query	0284
U2A Query - During Congestion Period - Data Changes List Query	0285
U2A Query - During Congestion Period - Default Event Schedule Details Query	0286
U2A Query - During Congestion Period - Eligible Counterpart CSD List Query	0287
U2A Query - During Congestion Period - Eligible Counterpart CSD Details Query	0288
U2A Query - During Congestion Period - Event Type Details Query	0289
U2A Query - During Congestion Period - Event Type List Query	0290
U2A Query - During Congestion Period - External RTGS Account Details Query	0291
U2A Query - During Congestion Period - External RTGS Account List Query	0292
U2A Query - During Congestion Period - Granted System Privileges List Query	0293
U2A Query - During Congestion Period - Granted Object Privileges List Query	0294
U2A Query - During Congestion Period - Granted Roles List Query	0295
U2A Query - During Congestion Period - Immediate Liquidity Transfer Order Detail Query	0296
U2A Query - During Congestion Period - Immediate Liquidity Transfer Order List Query	0297
U2A Query - During Congestion Period - Inbound Files Details Query	0298
U2A Query - During Congestion Period - Inbound Files List Query	0299
U2A Query - During Congestion Period - Inbound Message Details Query	0300
U2A Query - During Congestion Period - Inbound Message List Query	0301
U2A Query - During Congestion Period - Intra-Balance Movement Query	0302
U2A Query - During Congestion Period - Intra-Balance Movement Query for possible restore actions	0303
U2A Query - During Congestion Period - Intra-Position Movement Query	0304
U2A Query - During Congestion Period - Intra-Position Movement Query for possible restore actions	0305
U2A Query - During Congestion Period - ISIN List Query	0306
U2A Query - During Congestion Period - Itemised Billing Data List Query	0307
U2A Query - During Congestion Period - Itemised Billing Data Query	0308
U2A Query - During Congestion Period - Limit Query	0309
U2A Query - During Congestion Period - Limit Utilisation Journal Query	0310
U2A Query - During Congestion Period - Limit Utilisation Query	0311
U2A Query - During Congestion Period - Liquidity Transfer Order Detail Query	0312
U2A Query - During Congestion Period - Liquidity Transfer Order Link Set Query	0313
U2A Query - During Congestion Period - Liquidity Transfer Order List Query	0314
U2A Query - During Congestion Period - Liquidity Transfer Order of a Liquidity Transfer Order Link Set Query	0315
U2A Query - During Congestion Period - Maintenance Instructions for Intra-Balance Movements Query	0316
U2A Query - During Congestion Period - Maintenance Instructions for Intra-Position Movements Query	0317
U2A Query - During Congestion Period - Market-Specific Attribute Detail Query	0318
U2A Query - During Congestion Period - Market-Specific Attribute List Query	0319
U2A Query - During Congestion Period - Market-Specific Restriction List Query	0320
U2A Query - During Congestion Period - Market-Specific Restriction Type Rule Detail Query	0321

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
U2A Query - During Congestion Period - Market-Specific Restriction Type Rule Parameter Detail Query	0322
U2A Query - During Congestion Period - Market-Specific Restriction Type Rule Set List Query	0323
U2A Query - During Congestion Period - Message Subscription Rule List Query	0324
U2A Query - During Congestion Period - Message Subscription Rule Set Details Query	0325
U2A Query - During Congestion Period - Message Subscription Rule Set List Query	0326
U2A Query - During Congestion Period - Network Service List query	0327
U2A Query - During Congestion Period - Operating Day Types Detail Query	0328
U2A Query - During Congestion Period - Operating Day Types List Query	0329
U2A Query - During Congestion Period - Outbound Files Details Query	0330
U2A Query - During Congestion Period - Outbound Files List Query	0331
U2A Query - During Congestion Period - Outbound Message Details Query	0332
U2A Query - During Congestion Period - Outbound Message List Query	0333
U2A Query - During Congestion Period - Outstanding Auto-Collateralisation Credit Query	0334
U2A Query - During Congestion Period - Partial Settlement Threshold Query	0335
U2A Query - During Congestion Period - Party List Query	0336
U2A Query - During Congestion Period - Party Reference Data Query	0337
U2A Query - During Congestion Period - Privilege Query	0338
U2A Query - During Congestion Period - Report Configuration Detail Query	0339
U2A Query - During Congestion Period - Report Configuration List Query	0340
U2A Query - During Congestion Period - Report Details Query	0341
U2A Query - During Congestion Period - Report List Query	0342
U2A Query - During Congestion Period - Residual Static Data Audit Trail Query	0343
U2A Query - During Congestion Period - Restricted Party Query	0344
U2A Query - During Congestion Period - Role List Query	0345
U2A Query - During Congestion Period - Routing List Query	0346
U2A Query - During Congestion Period - Secured Group Details Query	0347
U2A Query - During Congestion Period - Secured Group List Query	0348
U2A Query - During Congestion Period - Securities Account List Query	0349
U2A Query - During Congestion Period - Securities Account Position (History) Query	0350
U2A Query - During Congestion Period - Securities Account Reference Data Query	0351
U2A Query - During Congestion Period - Securities CSD Link Query	0352
U2A Query - During Congestion Period - Securities Deviating Nominal Query	0353
U2A Query - During Congestion Period - Securities Position Detailed Restriction Details Query	0354
U2A Query - During Congestion Period - Securities Posting Query	0355
U2A Query - During Congestion Period - Securities Reference Data Query	0356
U2A Query - During Congestion Period - Securities Valuation List Query	0358
U2A Query - During Congestion Period - Service Item Details Query	0359
U2A Query - During Congestion Period - Service Item List Query	0360
U2A Query - During Congestion Period - Settlement Instruction Audit Trail Query	0361
U2A Query - During Congestion Period - Settlement Instruction Current Status Query	0362
U2A Query - During Congestion Period - Settlement Instruction Query	0363
U2A Query - During Congestion Period - Settlement Instruction Query for possible restore actions	0364
U2A Query - During Congestion Period - Settlement Instruction Status Audit Trail Query	0365
U2A Query - During Congestion Period - Static Data Audit Trail/ Revision Query	0366
U2A Query - During Congestion Period - System Entity Query	0367
U2A Query - During Congestion Period - T2S BIC Query	0368
U2A Query - During Congestion Period - T2S Calendar Query	0369
U2A Query - During Congestion Period - T2S Dedicated Cash Account Balance Detailed Restrictions Query	0370
U2A Query - During Congestion Period - T2S Dedicated Cash Account Balance Query	0371
U2A Query - During Congestion Period - T2S Dedicated Cash Account Posting Query	0372
U2A Query - During Congestion Period - T2S Dedicated Cash Account Reference Data Query	0373
U2A Query - During Congestion Period - T2S Diary Query	0374
U2A Query - During Congestion Period - T2S Overall Liquidity Query	0375
U2A Query - During Congestion Period - T2S System User Link Query	0376
U2A Query - During Congestion Period - T2S System User Query (T2S Actor Query)	0377
U2A Query - During Congestion Period - Technical Addresses Network Services Link Details Query	0378
U2A Query - During Congestion Period - Tolerance Amount Query	0379
U2A Query - During Congestion Period - Total Amount of Standing and Predefined Liquidity Transfer Orders Query	0380
U2A Query - During Congestion Period - Total collateral value per T2S Dedicated Cash Account Query	0381
U2A Query - During Congestion Period - Transactional Data Audit Trail List Query	0383
U2A Query - Downloaded - User Access Rights Query	0389
U2A Query - Downloaded - Allegement Query	0390
U2A Query - Downloaded - Amendment Instruction Query for Intra-Balance Movements	0391
U2A Query - Downloaded - Amendment Instruction Query for Intra-Position Movements and Settlement Instructions	0392
U2A Query - Downloaded - Attribute Domain Details Query	0393
U2A Query - Downloaded - Attribute Domain List Query	0394
U2A Query - Downloaded - Attribute Reference Details Query	0395
U2A Query - Downloaded - Attribute Reference List Query	0396

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/tmTp
U2A Query - Downloaded - Auto-Collateralisation Eligibility Link List Query	0397
U2A Query - Downloaded - Broadcast Query	0398
U2A Query - Downloaded - Cancellation Instruction Query for Intra-Balance Movements	0399
U2A Query - Downloaded - Cancellation Instruction Query for Intra-Position-Movements and Settlement Instructions	0400
U2A Query - Downloaded - Cash Account List Query	0401
U2A Query - Downloaded - Cash Forecast Query	0402
U2A Query - Downloaded - Certificate Query	0403
U2A Query - Downloaded - Close Link List Query	0404
U2A Query - Downloaded - Closing Day Query	0405
U2A Query - Downloaded - CMB Details Query	0406
U2A Query - Downloaded - CMB List Query	0407
U2A Query - Downloaded - CMB Securities Account Links List Query	0408
U2A Query - Downloaded - Collateral Value of a Security Query	0409
U2A Query - Downloaded - Collateral Value per T2S Dedicated Cash Account Query	0410
U2A Query - Downloaded - CoSD Rule List Query	0411
U2A Query - Downloaded - CoSD Rule Set List Query	0412
U2A Query - Downloaded - Country Query	0413
U2A Query - Downloaded - CSD Account Link Query	0414
U2A Query - Downloaded - Cumulative Billing Data List Query	0415
U2A Query - Downloaded - Cumulative Billing Data Query	0416
U2A Query - Downloaded - Currency Query	0417
U2A Query - Downloaded - Current Status of the T2S Settlement Day	0418
U2A Query - Downloaded - Data Changes Details Query	0419
U2A Query - Downloaded - Data Changes List Query	0420
U2A Query - Downloaded - Default Event Schedule Details Query	0421
U2A Query - Downloaded - Eligible Counterpart CSD List Query	0422
U2A Query - Downloaded - Eligible Counterpart CSD Details Query	0423
U2A Query - Downloaded - Event Type Details Query	0424
U2A Query - Downloaded - Event Type List Query	0425
U2A Query - Downloaded - External RTGS Account Details Query	0426
U2A Query - Downloaded - External RTGS Account List Query	0427
U2A Query - Downloaded - Granted System Privileges List Query	0428
U2A Query - Downloaded - Granted Object Privileges List Query	0429
U2A Query - Downloaded - Granted Roles List Query	0430
U2A Query - Downloaded - Immediate Liquidity Transfer Order Detail Query	0431
U2A Query - Downloaded - Immediate Liquidity Transfer Order List Query	0432
U2A Query - Downloaded - Inbound Files Details Query	0433
U2A Query - Downloaded - Inbound Files List Query	0434
U2A Query - Downloaded - Inbound Message Details Query	0435
U2A Query - Downloaded - Inbound Message List Query	0436
U2A Query - Downloaded - Intra-Balance Movement Query	0437
U2A Query - Downloaded - Intra-Balance Movement Query for possible restore actions	0438
U2A Query - Downloaded - Intra-Position Movement Query	0439
U2A Query - Downloaded - Intra-Position Movement Query for possible restore actions	0440
U2A Query - Downloaded - ISIN List Query	0441
U2A Query - Downloaded - Itemised Billing Data List Query	0442
U2A Query - Downloaded - Itemised Billing Data Query	0443
U2A Query - Downloaded - Limit Query	0444
U2A Query - Downloaded - Limit Utilisation Journal Query	0445
U2A Query - Downloaded - Limit Utilisation Query	0446
U2A Query - Downloaded - Liquidity Transfer Order Detail Query	0447
U2A Query - Downloaded - Liquidity Transfer Order Link Set Query	0448
U2A Query - Downloaded - Liquidity Transfer Order List Query	0449
U2A Query - Downloaded - Liquidity Transfer Order of a Liquidity Transfer Order Link Set Query	0450
U2A Query - Downloaded - Maintenance Instructions for Intra-Balance Movements Query	0451
U2A Query - Downloaded - Maintenance Instructions for Intra-Position Movements Query	0452
U2A Query - Downloaded - Market-Specific Attribute Detail Query	0453
U2A Query - Downloaded - Market-Specific Attribute List Query	0454
U2A Query - Downloaded - Market-Specific Restriction List Query	0455
U2A Query - Downloaded - Market-Specific Restriction Type Rule Detail Query	0456
U2A Query - Downloaded - Market-Specific Restriction Type Rule Parameter Detail Query	0457
U2A Query - Downloaded - Market-Specific Restriction Type Rule Set List Query	0458
U2A Query - Downloaded - Message Subscription Rule List Query	0459
U2A Query - Downloaded - Message Subscription Rule Set Details Query	0460
U2A Query - Downloaded - Message Subscription Rule Set List Query	0461
U2A Query - Downloaded - Network Service List query	0462
U2A Query - Downloaded - Operating Day Types Detail Query	0463
U2A Query - Downloaded - Operating Day Types List Query	0464
U2A Query - Downloaded - Outbound Files Details Query	0465
U2A Query - Downloaded - Outbound Files List Query	0466
U2A Query - Downloaded - Outbound Message Details Query	0467
U2A Query - Downloaded - Outbound Message List Query	0468
U2A Query - Downloaded - Outstanding Auto-Collateralisation Credit Query	0469
U2A Query - Downloaded - Partial Settlement Threshold Query	0470

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/ltmTp
U2A Query - Downloaded - Party List Query	0471
U2A Query - Downloaded - Party Reference Data Query	0472
U2A Query - Downloaded - Privilege Query	0473
U2A Query - Downloaded - Report Configuration Detail Query	0474
U2A Query - Downloaded - Report Configuration List Query	0475
U2A Query - Downloaded - Report Details Query	0476
U2A Query - Downloaded - Report List Query	0477
U2A Query - Downloaded - Residual Static Data Audit Trail Query	0478
U2A Query - Downloaded - Restricted Party Query	0479
U2A Query - Downloaded - Role List Query	0480
U2A Query - Downloaded - Routing List Query	0481
U2A Query - Downloaded - Secured Group Details Query	0482
U2A Query - Downloaded - Secured Group List Query	0483
U2A Query - Downloaded - Securities Account List Query	0484
U2A Query - Downloaded - Securities Account Position (History) Query	0485
U2A Query - Downloaded - Securities Account Reference Data Query	0486
U2A Query - Downloaded - Securities CSD Link Query	0487
U2A Query - Downloaded - Securities Deviating Nominal Query	0488
U2A Query - Downloaded - Securities Position Detailed Restriction Details Query	0489
U2A Query - Downloaded - Securities Posting Query	0490
U2A Query - Downloaded - Securities Reference Data Query	0491
U2A Query - Downloaded - Securities Valuation List Query	0493
U2A Query - Downloaded - Service Item Details Query	0494
U2A Query - Downloaded - Service Item List Query	0495
U2A Query - Downloaded - Settlement Instruction Audit Trail Query	0496
U2A Query - Downloaded - Settlement Instruction Current Status Query	0497
U2A Query - Downloaded - Settlement Instruction Query	0498
U2A Query - Downloaded - Settlement Instruction Query for possible restore actions	0499
U2A Query - Downloaded - Settlement Instruction Status Audit Trail Query	0500
U2A Query - Downloaded - Static Data Audit Trail/ Revision Query	0501
U2A Query - Downloaded - System Entity Query	0502
U2A Query - Downloaded - T2S BIC Query	0503
U2A Query - Downloaded - T2S Calendar Query	0504
U2A Query - Downloaded - T2S Dedicated Cash Account Balance Detailed Restrictions Query	0505
U2A Query - Downloaded - T2S Dedicated Cash Account Balance Query	0506
U2A Query - Downloaded - T2S Dedicated Cash Account Posting Query	0507
U2A Query - Downloaded - T2S Dedicated Cash Account Reference Data Query	0508
U2A Query - Downloaded - T2S Diary Query	0509
U2A Query - Downloaded - T2S Overall Liquidity Query	0510
U2A Query - Downloaded - T2S System User Link Query	0511
U2A Query - Downloaded - T2S System User Query (T2S Actor Query)	0512
U2A Query - Downloaded - Technical Addresses Network Services Link Details Query	0513
U2A Query - Downloaded - Tolerance Amount Query	0514
U2A Query - Downloaded - Total Amount of Standing and Predefined Liquidity Transfer Orders Query	0515
U2A Query - Downloaded - Total collateral value per T2S Dedicated Cash Account Query	0516
U2A Query - Downloaded - Transactional Data Audit Trail List Query	0518
A2A Query - Outside Congestion Period - Amendment Instruction Query for Intra-Balance Movements	0525
A2A Query - Outside Congestion Period - Amendment Instruction Query for Intra-Position Movements and Settlement Instructions	0526
A2A Query - Outside Congestion Period - Cancellation Instruction Query for Intra-Balance Movements	0527
A2A Query - Outside Congestion Period - Cancellation Instruction Query for Intra-Position Movements and Settlement Instructions	0528
A2A Query - Outside Congestion Period - Cash Account List Query	0529
A2A Query - Outside Congestion Period - Cash Forecast Query	0530
A2A Query - Outside Congestion Period - Collateral Value of a Security Query	0531
A2A Query - Outside Congestion Period - Collateral Value per T2S Dedicated Cash Account Query	0532
A2A Query - Outside Congestion Period - Cumulative Billing Data Query	0533
A2A Query - Outside Congestion Period - Current Status of the T2S Settlement Day	0534
A2A Query - Outside Congestion Period - Immediate Liquidity Transfer Order Detail Query	0535
A2A Query - Outside Congestion Period - Immediate Liquidity Transfer Order List Query	0536
A2A Query - Outside Congestion Period - Intra-Balance Movement Query	0537
A2A Query - Outside Congestion Period - Intra-Position Movement Query	0538
A2A Query - Outside Congestion Period - ISIN List Query	0539
A2A Query - Outside Congestion Period - Itemised Billing Data Query	0540
A2A Query - Outside Congestion Period - Limit Query	0541
A2A Query - Outside Congestion Period - Limit Utilisation Journal Query	0542
A2A Query - Outside Congestion Period - Limit Utilisation Query	0543
A2A Query - Outside Congestion Period - Liquidity Transfer Order Detail Query	0544
A2A Query - Outside Congestion Period - Liquidity Transfer Order Link Set Query	0545
A2A Query - Outside Congestion Period - Liquidity Transfer Order List Query	0546

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
A2A Query - Outside Congestion Period - Liquidity Transfer Order of a Liquidity Transfer Order Link Set Query	0547
A2A Query - Outside Congestion Period - Outstanding Auto-Collateralisation Credit Query	0548
A2A Query - Outside Congestion Period - Party List Query	0549
A2A Query - Outside Congestion Period - Party Reference Data Query	0550
A2A Query - Outside Congestion Period - Report Details Query	0551
A2A Query - Outside Congestion Period - Restricted Party Query	0552
A2A Query - Outside Congestion Period - Securities Account List Query	0553
A2A Query - Outside Congestion Period - Securities Account Position (History) Query	0554
A2A Query - Outside Congestion Period - Securities Account Reference Data Query	0555
A2A Query - Outside Congestion Period - Securities CSD Link Query	0556
A2A Query - Outside Congestion Period - Securities Deviating Nominal Query	0557
A2A Query - Outside Congestion Period - Securities Reference Data Query	0558
A2A Query - Outside Congestion Period - Settlement Instruction Audit Trail Query	0559
A2A Query - Outside Congestion Period - Settlement Instruction Current Status Query	0560
A2A Query - Outside Congestion Period - Settlement Instruction Query	0561
A2A Query - Outside Congestion Period - Settlement Instruction Status Audit Trail Query	0562
A2A Query - Outside Congestion Period - Static Data Audit Trail/ Revision Query	0563
A2A Query - Outside Congestion Period - T2S Calendar Query	0564
A2A Query - Outside Congestion Period - T2S Dedicated Cash Account Balance Query	0565
A2A Query - Outside Congestion Period - T2S Dedicated Cash Account Posting Query	0566
A2A Query - Outside Congestion Period - T2S Dedicated Cash Account Reference Data Query	0567
A2A Query - Outside Congestion Period - T2S Diary Query	0568
A2A Query - Outside Congestion Period - T2S Overall Liquidity Query	0569
A2A Query - Outside Congestion Period - Total Amount of Standing and Predefined Liquidity Transfer Orders Query	0570
A2A Query - Outside Congestion Period - Total collateral value per T2S Dedicated Cash Account Query	0571
A2A Query - During Congestion Period - Amendment Instruction Query for Intra-Balance Movements	0580
A2A Query - During Congestion Period - Amendment Instruction Query for Intra-Position Movements and Settlement Instructions	0581
A2A Query - During Congestion Period - Cancellation Instruction Query for Intra-Balance Movements	0582
A2A Query - During Congestion Period - Cancellation Instruction Query for Intra-Position Movements and Settlement Instructions	0583
A2A Query - During Congestion Period - Cash Account List Query	0584
A2A Query - During Congestion Period - Cash Forecast Query	0585
A2A Query - During Congestion Period - Collateral Value of a Security Query	0586
A2A Query - During Congestion Period - Collateral Value per T2S Dedicated Cash Account Query	0587
A2A Query - During Congestion Period - Cumulative Billing Data Query	0588
A2A Query - During Congestion Period - Current Status of the T2S Settlement Day	0589
A2A Query - During Congestion Period - Immediate Liquidity Transfer Order Detail Query	0590
A2A Query - During Congestion Period - Immediate Liquidity Transfer Order List Query	0591
A2A Query - During Congestion Period - Intra-Balance Movement Query	0592
A2A Query - During Congestion Period - Intra-Position Movement Query	0593
A2A Query - During Congestion Period - ISIN List Query	0594
A2A Query - During Congestion Period - Itemised Billing Data Query	0595
A2A Query - During Congestion Period - Limit Query	0596
A2A Query - During Congestion Period - Limit Utilisation Journal Query	0597
A2A Query - During Congestion Period - Limit Utilisation Query	0598
A2A Query - During Congestion Period - Liquidity Transfer Order Detail Query	0599
A2A Query - During Congestion Period - Liquidity Transfer Order Link Set Query	0600
A2A Query - During Congestion Period - Liquidity Transfer Order List Query	0601
A2A Query - During Congestion Period - Liquidity Transfer Order of a Liquidity Transfer Order Link Set Query	0602
A2A Query - During Congestion Period - Outstanding Auto-Collateralisation Credit Query	0603
A2A Query - During Congestion Period - Party List Query	0604
A2A Query - During Congestion Period - Party Reference Data Query	0605
A2A Query - During Congestion Period - Report Details Query	0606
A2A Query - During Congestion Period - Restricted Party Query	0607
A2A Query - During Congestion Period - Securities Account List Query	0608
A2A Query - During Congestion Period - Securities Account Position (History) Query	0609
A2A Query - During Congestion Period - Securities Account Reference Data Query	0610
A2A Query - During Congestion Period - Securities CSD Link Query	0611
A2A Query - During Congestion Period - Securities Deviating Nominal Query	0612
A2A Query - During Congestion Period - Securities Reference Data Query	0613
A2A Query - During Congestion Period - Settlement Instruction Audit Trail Query	0614
A2A Query - During Congestion Period - Settlement Instruction Current Status Query	0615
A2A Query - During Congestion Period - Settlement Instruction Query	0616
A2A Query - During Congestion Period - Settlement Instruction Status Audit Trail Query	0617
A2A Query - During Congestion Period - Static Data Audit Trail/ Revision Query	0618
A2A Query - During Congestion Period - T2S Calendar Query	0619
A2A Query - During Congestion Period - T2S Dedicated Cash Account Balance Query	0620

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
A2A Query - During Congestion Period - T2S Dedicated Cash Account Posting Query	0621
A2A Query - During Congestion Period - T2S Dedicated Cash Account Reference Data Query	0622
A2A Query - During Congestion Period - T2S Diary Query	0623
A2A Query - During Congestion Period - T2S Overall Liquidity Query	0624
A2A Query - During Congestion Period - Total Amount of Standing and Predefined Liquidity Transfer Orders Query	0625
A2A Query - During Congestion Period - Total collateral value per T2S Dedicated Cash Account Query	0626
A2A Report - Outside Congestion Period - Current Settlement Day Cash Information Report	0635
A2A Report - Outside Congestion Period - Following Settlement Day Cash Forecast Report	0636
A2A Report - Outside Congestion Period - Statement of Accounts	0637
A2A Report - Outside Congestion Period - Statement of Settlement Allegements	0638
A2A Report - Outside Congestion Period - Statement of executed amendment instructions for Intra-Balance Movements	0639
A2A Report - Outside Congestion Period - Statement of executed amendment instructions for Intra-Position Movements and Settlement Instructions	0640
A2A Report - Outside Congestion Period - Statement of executed cancellation instructions for Intra-Balance Movements	0641
A2A Report - Outside Congestion Period - Statement of executed cancellation instructions for Intra-Position Movements and Settlement Instructions	0642
A2A Report - Outside Congestion Period - Statement of Holdings	0643
A2A Report - Outside Congestion Period - Statement of pending amendment instructions for Intra-Balance Movements	0644
A2A Report - Outside Congestion Period - Statement of pending amendment instructions for Intra-Position Movements and Settlement Instructions	0645
A2A Report - Outside Congestion Period - Statement of pending cancellation instructions for Intra-Balance Movements	0646
A2A Report - Outside Congestion Period - Statement of pending cancellation instructions for Intra-Position Movements and Settlement Instructions	0647
A2A Report - Outside Congestion Period - Statement of Pending Instructions	0648
A2A Report - Outside Congestion Period - Statement of pending intra-balance movements	0649
A2A Report - Outside Congestion Period - Statement of pending intra-position movements	0650
A2A Report - Outside Congestion Period - Statement of settled intra-balance movements	0651
A2A Report - Outside Congestion Period - Statement of settled intra-position movements	0652
A2A Report - Outside Congestion Period - Statement of Static Data for Party	0653
A2A Report - Outside Congestion Period - Statement of Static Data for Securities	0654
A2A Report - Outside Congestion Period - Statement of Static Data for Securities Accounts	0655
A2A Report - Outside Congestion Period - Statement of Static Data for T2S Dedicated Cash Accounts	0656
A2A Report - Outside Congestion Period - Statement of Transactions	0657
A2A Report - During Congestion Period - Current Settlement Day Cash Information Report	0660
A2A Report - During Congestion Period - Following Settlement Day Cash Forecast Report	0661
A2A Report - During Congestion Period - Statement of Accounts	0662
A2A Report - During Congestion Period - Statement of Settlement Allegements	0663
A2A Report - During Congestion Period - Statement of executed amendment instructions for Intra-Balance Movements	0664
A2A Report - During Congestion Period - Statement of executed amendment instructions for Intra-Position Movements and Settlement Instructions	0665
A2A Report - During Congestion Period - Statement of executed cancellation instructions for Intra-Balance Movements	0666
A2A Report - During Congestion Period - Statement of executed cancellation instructions for Intra-Position Movements and Settlement Instructions	0667
A2A Report - During Congestion Period - Statement of Holdings	0668
A2A Report - During Congestion Period - Statement of pending amendment instructions for Intra-Balance Movements	0669
A2A Report - During Congestion Period - Statement of pending amendment instructions for Intra-Position Movements and Settlement Instructions	0670
A2A Report - During Congestion Period - Statement of pending cancellation instructions for Intra-Balance Movements	0671
A2A Report - During Congestion Period - Statement of pending cancellation instructions for Intra-Position Movements and Settlement Instructions	0672
A2A Report - During Congestion Period - Statement of Pending Instructions	0673
A2A Report - During Congestion Period - Statement of pending intra-balance movements	0674
A2A Report - During Congestion Period - Statement of pending intra-position movements	0675
A2A Report - During Congestion Period - Statement of settled intra-balance movements	0676
A2A Report - During Congestion Period - Statement of settled intra-position movements	0677
A2A Report - During Congestion Period - Statement of Static Data for Party	0678
A2A Report - During Congestion Period - Statement of Static Data for Securities	0679
A2A Report - During Congestion Period - Statement of Static Data for Securities Accounts	0680
A2A Report - During Congestion Period - Statement of Static Data for T2S Dedicated Cash Accounts	0681
A2A Report - During Congestion Period - Statement of Transactions	0682
Internal Liquidity Transfer – "EUR"	0700
Internal Liquidity Transfer – "ALL"	0701
Internal Liquidity Transfer – "AUD"	0702

Service Item Name	Item Type (codes) within camt.077 BllgRpt/BllgRptOrErrChc/BllgRpt/SvcCtgyTtls/SvcltmTtls/lmTp
Internal Liquidity Transfer – “BAM”	0703
Internal Liquidity Transfer – “BGN”	0704
Internal Liquidity Transfer – “BYR”	0705
Internal Liquidity Transfer – “CAD”	0706
Internal Liquidity Transfer – “CHF”	0707
Internal Liquidity Transfer – “CNY”	0708
Internal Liquidity Transfer – “CZK”	0709
Internal Liquidity Transfer – “DKK”	0710
Internal Liquidity Transfer – “GBP”	0711
Internal Liquidity Transfer – “HKD”	0712
Internal Liquidity Transfer – “HRK”	0713
Internal Liquidity Transfer – “HUF”	0714
Internal Liquidity Transfer – “ISK”	0715
Internal Liquidity Transfer – “JPY”	0716
Internal Liquidity Transfer – “KZT”	0717
Internal Liquidity Transfer – “LTL”	0718
Internal Liquidity Transfer – “LVL”	0719
Internal Liquidity Transfer – “MDL”	0720
Internal Liquidity Transfer – “MKD”	0721
Internal Liquidity Transfer – “NOK”	0722
Internal Liquidity Transfer – “PLN”	0723
Internal Liquidity Transfer – “RON”	0724
Internal Liquidity Transfer – “RSD”	0725
Internal Liquidity Transfer – “RUB”	0726
Internal Liquidity Transfer – “SEK”	0727
Internal Liquidity Transfer – “TRY”	0728
Internal Liquidity Transfer – “UAH”	0729
Internal Liquidity Transfer – “USD”	0730
Outbound Liquidity Transfer – “EUR”	0800
Outbound Liquidity Transfer – “ALL”	0801
Outbound Liquidity Transfer – “AUD”	0802
Outbound Liquidity Transfer – “BAM”	0803
Outbound Liquidity Transfer – “BGN”	0804
Outbound Liquidity Transfer – “BYR”	0805
Outbound Liquidity Transfer – “CAD”	0806
Outbound Liquidity Transfer – “CHF”	0807
Outbound Liquidity Transfer – “CNY”	0808
Outbound Liquidity Transfer – “CZK”	0809
Outbound Liquidity Transfer – “DKK”	0810
Outbound Liquidity Transfer – “GBP”	0811
Outbound Liquidity Transfer – “HKD”	0812
Outbound Liquidity Transfer – “HRK”	0813
Outbound Liquidity Transfer – “HUF”	0814
Outbound Liquidity Transfer – “ISK”	0815
Outbound Liquidity Transfer – “JPY”	0816
Outbound Liquidity Transfer – “KZT”	0817
Outbound Liquidity Transfer – “LTL”	0818
Outbound Liquidity Transfer – “LVL”	0819
Outbound Liquidity Transfer – “MDL”	0820
Outbound Liquidity Transfer – “MKD”	0821
Outbound Liquidity Transfer – “NOK”	0822
Outbound Liquidity Transfer – “PLN”	0823
Outbound Liquidity Transfer – “RON”	0824
Outbound Liquidity Transfer – “RSD”	0825
Outbound Liquidity Transfer – “RUB”	0826
Outbound Liquidity Transfer – “SEK”	0827
Outbound Liquidity Transfer – “TRY”	0828
Outbound Liquidity Transfer – “UAH”	0829
Outbound Liquidity Transfer – “USD”	0830

Total Number of Service Items:
659