



# Implementation Guidelines for ISO 20022 Interbank Messages

SIC and euroSIC

Recapitulations (camt.052)

Version 2.0, valid from 18 November 2022

## Change history

All the changes carried out in this document are listed below with the version designation, the change date, a brief description of the change and the specification of the chapters affected.

Version	Date	Description of the change	Chapter
2.0	17.12.2021	Complete revision due to update of ISO 20022 version 2019	All
		New chapter "Introduction" (replaces the previous chapter "Overview of the documentation structure" and appendices)	1
		New ISO 20022 schema version	1, 2
		Revision of "ISO definition" due to changed message construction	2
		Additional note for list type SYSREC (specification, no change of system behavior)	3.2
		Removal of payment types "ESRPMT" and "TCMSTM", renaming of payment types "ESRDEB", "IPIDEB" and "CSTRTN"	3.4
		Altered usage for element <TtlNtriesPerBkTxCd> due to new ISO version 2019 structure	3.4, 3.5
		Previous transaction parties <DbtrAgt> / <CdtrAgt> replaced by <InstgAgt>/<InstdAgt>	3.9
		Complete revision of "Technical specifications for the RTGS systems" ; Details as per the separate document "Delta Commentary camt.052" (only in English).	4
		Correcting maximum number of <Ntry> elements from 14 to 10 (errata, no change of system behavior)	4.3
1.8	22.02.2021	Last version based on the previous ISO 20022 version	All
1.0	16.05.2014	First edition	All

Table 1: Change history

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## General notes

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If you detect any errors in this document or have any ideas or suggestions for improvements we would be extremely grateful if you would notify these by e-mail to [\*\*operations.sic@six-group.com\*\*](mailto:operations.sic@six-group.com).

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# 1 Introduction

## 1.1 Overview of the documentation structure

The Implementation Guidelines consist of a base document with general information concerning all message types and various module documents – one each per ISO 20022 message type, e.g. this document for the message type "camt.052" – with message-specific information, including information on the application-specific handling of individual elements. They specify the messages to be submitted to and delivered from the RTGS systems SIC and euroSIC in the ISO 20022 message standard.

These Implementation Guidelines are modular in structure:

- The base document contains general information applying to all messages.
- The module documents – one for each ISO 20022 message type – contain message-specific information, including information on the application-specific handling of certain elements.
- For each Implementation Guideline, an XML schema (XSD) and generic XML sample messages will be published.

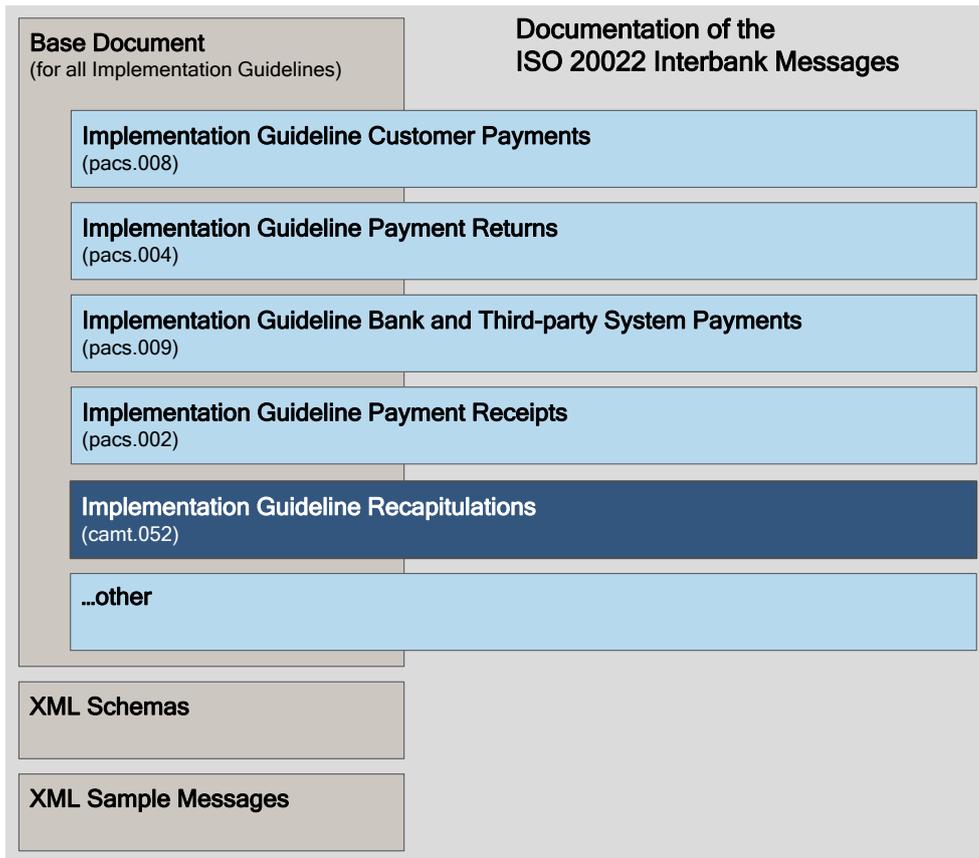


Figure 1: Documentation structure for message type "camt.052"

## 1.2 Target audience

The "Implementation Guidelines for ISO 20022 Interbank Messages" are addressed to all participants of the Swiss RTGS systems SIC and euroSIC.

## 1.3 Change control

All modifications made to this document are listed in the change history (Table 1) showing the version, the date of the change, a brief description and references to the chapters concerned.

## 1.4 XML schema

The XML schema for "camt.052" for the RTGS systems is published on the SIX Interbank Clearing Ltd website [www.iso-payments.ch](http://www.iso-payments.ch):

- *camt.052.001.08.ch.01.xsd*

It should preferably be opened using specialized XML software.

## 1.5 Validation portal

After registration, users can upload their own messages to the SIC & euroSIC Validation Portal Interbank Messages ([validation.iso-payments.ch/SIC4](http://validation.iso-payments.ch/SIC4)) and validate them against this Implementation Guideline. In addition, sample XML messages are available in the download area of the validation portal.

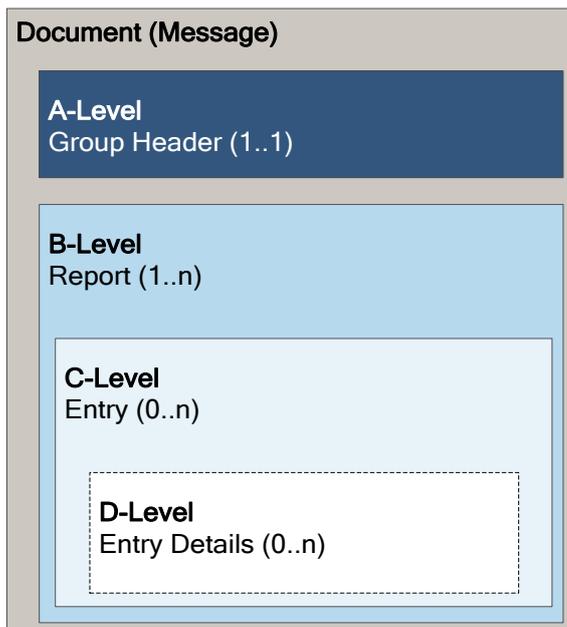
## 1.6 Reference documents

Additional information on the Implementation Guidelines can be found in the reference documents listed in the Base document.

## 2 ISO definitions

The "Bank to Customer Account Report" message (camt.052) is sent from the RTGS systems to the participants of the RTGS systems to ensure reconciliation of their own systems with the settlement account.

The "Bank to Customer Account Report" message is based on the ISO 20022 XML schema "camt.052.001.08".



The "camt.052" message is essentially structured as follows:

- **A-level:** Message level, "Group Header" element.  
This block must occur exactly once.
- **B-level:** Account level, "Report" element.  
This block is used only once but may occur n times in the ISO definition.
- **C-level:** Amount level, "Entry" element.  
This block is optional and may occur n times.
- **D-level:** Amount details, "Entry Details" element.  
This block must occur exactly once, but can occur n times in the ISO definition.

Figure 2: Basic message structure of the "camt.052" message

## 3 Business specifications for the RTGS systems

### 3.1 Use cases

The "Bank to Customer Account Report" message is used in the following use cases in the RTGS systems:

Use case	Input/Output	ISO 20022
Recapitulation for participants	O	camt.052
Recapitulation for system managers	O	camt.052
Recapitulation for third-party systems	O	camt.052
Detailed recapitulation	O	camt.052
Cancellation log for payments	O	camt.052

Table 2: Use cases for the "camt.052" message

### 3.2 List types

The use cases in the "camt.052" message are distinguished by specifying a list type in the `<AddtlInf>` element in the "Group Header":

List type	Code value	Use case
Recapitulation participants (consolidated)	ACCREC	Recapitulation for participants
Recapitulation participants (detailed)	DETREC	Detailed recapitulation
Recapitulation third-party systems	SVCREC	Recapitulation for third-party systems
Cancellation log	CNCREC	Cancellation log for payments
Recapitulation system manager	SYSREC	Recapitulation for system managers

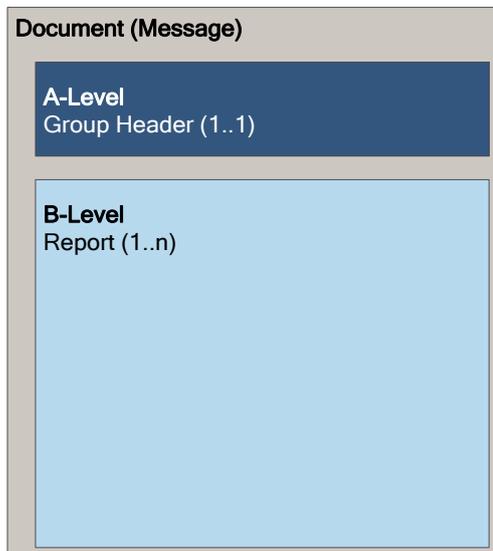
Table 3: List types and their code values in the "camt.052" message

#### Notes:

- In the rest of this document, the list types are always referenced using their code values.
- The list type SYSREC is created exclusively for the system manager
  - a) for each individual account (i.e. 1 message per settlement account) and sent to the system manager as a whole,
  - b) and used by the system manager as a basis for booking all incoming and outgoing transactions of a clearing day on the sight deposit account.

### 3.3 Simplified message structure for list types ACCREC and SVCREC

The structure of the "camt.052" message essentially follows the structure of the ISO message.



However, for list types ACCREC and SVCREC, the following simplified structure is used:

- **A-level:** Message level, "Group Header" element.
- **B-level:** Account level, "Report" element.
- **C-level:** Is not used.
- **D-level:** Is not used.

Figure 3: Simplified message structure for the "camt.052" message for list types ACCREC and SVCREC

### 3.4 Names of payment types

Every payment in the RTGS systems is assigned a payment type. Depending on the use case and the message standard, the payment type is assigned explicitly by the participant or implicitly by the RTGS systems.

In ISO 20022 messages, the following codes are used to identify the payment type:

Payment type	Code value	Code description
Direct debit payment (LSV reference)	ESRDEB	Payment resulting from a direct debit (LSV reference)
Direct debit payment (IPI reference)	IPIDEB	Payment resulting from a direct debit (IPI reference)
SEPA payment	SEPPMT	SEPA payment
SEPA fee and/or compensation payment	SEPFCP	SEPA fee and/or compensation payment
General customer payment	CSTPMT	Customer payment
FI-to-FI payment	F2FPMT	FI-to-FI payment
Compensation payment	CMPPMT	Compensation payment
Cover payment	COVPMT	Cover payment
Sight deposit account transfer by the participant	PPTTSD	Sight deposit account transfer by the participant
SECOM settlement	SECSTM	SECOM settlement
Eurex settlement	EUXSTM	Eurex settlement
Repo settlement	REPSTM	Repo settlement
Bancomat settlement	BCMSTM	Bancomat settlement
EFT/POS settlement	POSSTM	EFT/POS settlement
Terravis settlement	STVSTM	Terravis settlement
Viseca settlement	VISSTM	Viseca settlement
Payment return	CSTRTN	Payment return
SEPA return payment	SEPRTN	SEPA-compliant return payment
Sight deposit account transfer by the system manager	SMTTSD	Transfer to sight deposit account by the system manager
Transfer from sight deposit account	SMTFSD	Transfer from sight deposit account by the system manager

Table 4: List of payment types and their codes in ISO 20022 messages

In the "camt.052" message, the payment types are delivered in the `.../BkTxCd/Prtry/Cd` element:

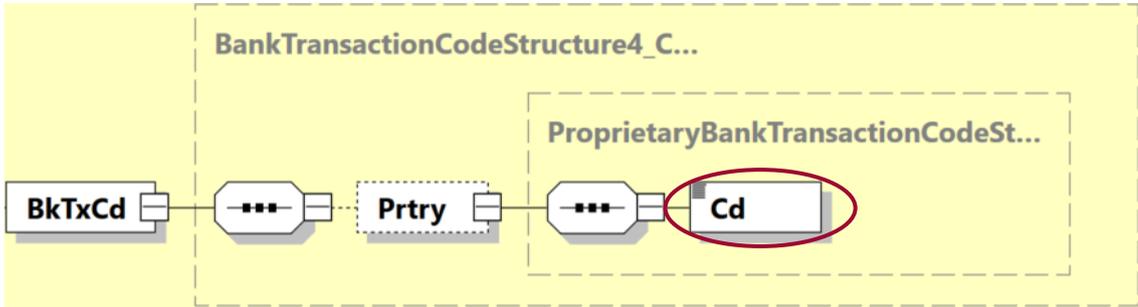


Figure 4: Delivery of the payment type in the `<BkTxCd><Prtry><Cd>` element

Different payment type-specific information is sent depending on the list type.

In list types ACCREC, SYSREC and SVCREC, a consolidated evaluation (number and total) is provided for each payment type in the `<TtlNtriesPerBkTxCd>` block:

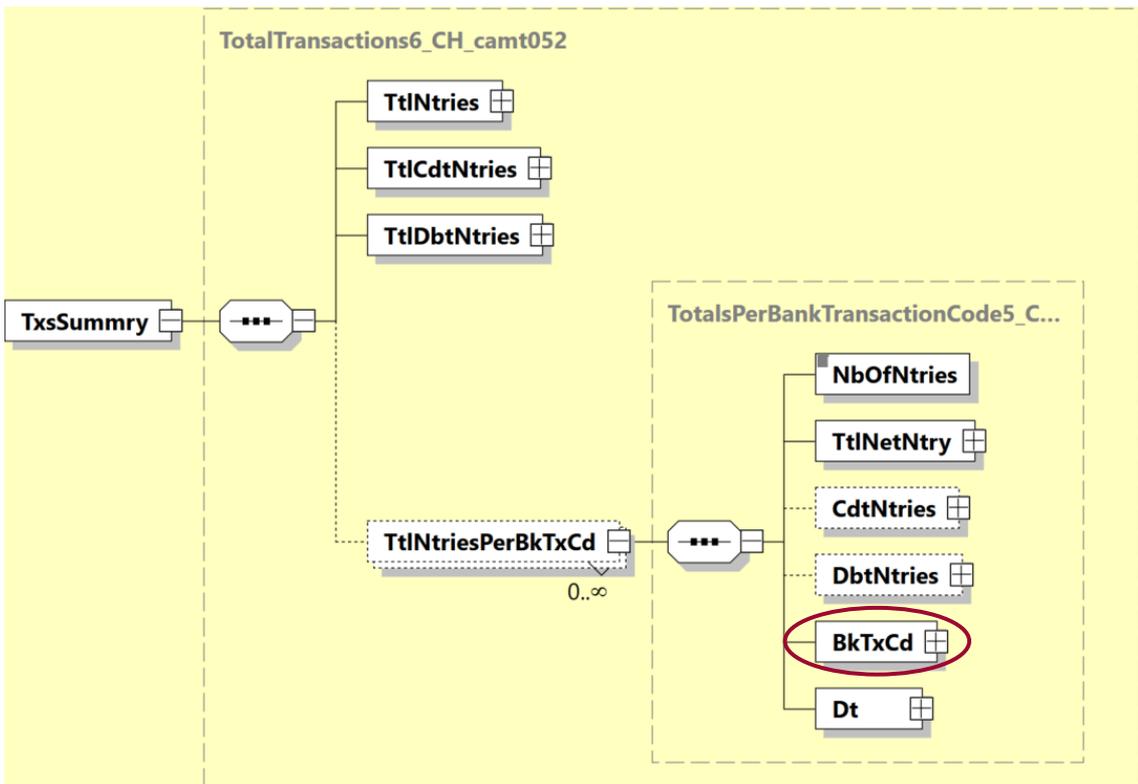


Figure 5: Delivery of the payment type in the `<TtlNtriesPerBkTxCd>` (ACCREC, SYSREC, SVCREC) block

In list types DETREC and CNCREC, the allocated payment type for each reported payment is delivered in the <Ntry> block:

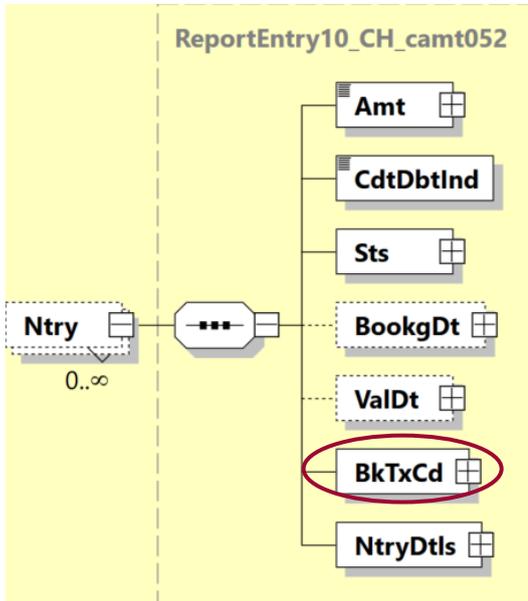


Figure 6: Delivery of the payment type in the <Ntry> (DETREC, CNCREC) block

### 3.5 Summary of transactions for the clearing day

In the "camt.052" message, a standardized summary of the reported transactions is delivered for all list types in the `<TxsSummary>` element. If lists continue for more than one page, this block is repeated on each page sent and always refers to the complete list.

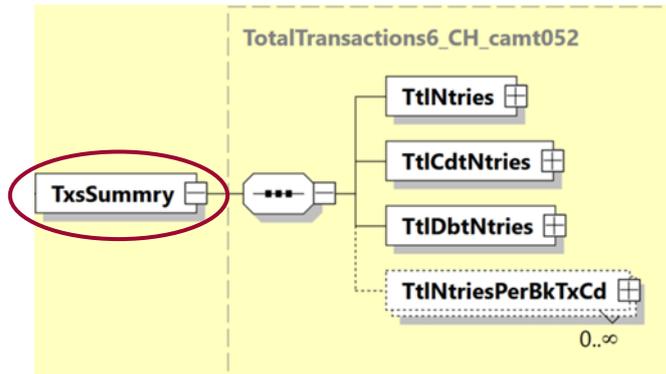


Figure 7: `<TxsSummary>` element: summary of transactions

For each settled payment type, a consolidated report (number, total and balance) is created per payment type in the `<TtlNtriesPerBkTxCd>` block for list types ACCREC, SYSREC and SVCREC if any corresponding transactions were settled through the settlement account during the reporting period.

### 3.6 Processing codes for cancelled payments

In list type CNCREC, the processing code in the `.../NtryDtls/TxDtls/RtrInf` element provides information about the reason for the cancellation of the payment in question:

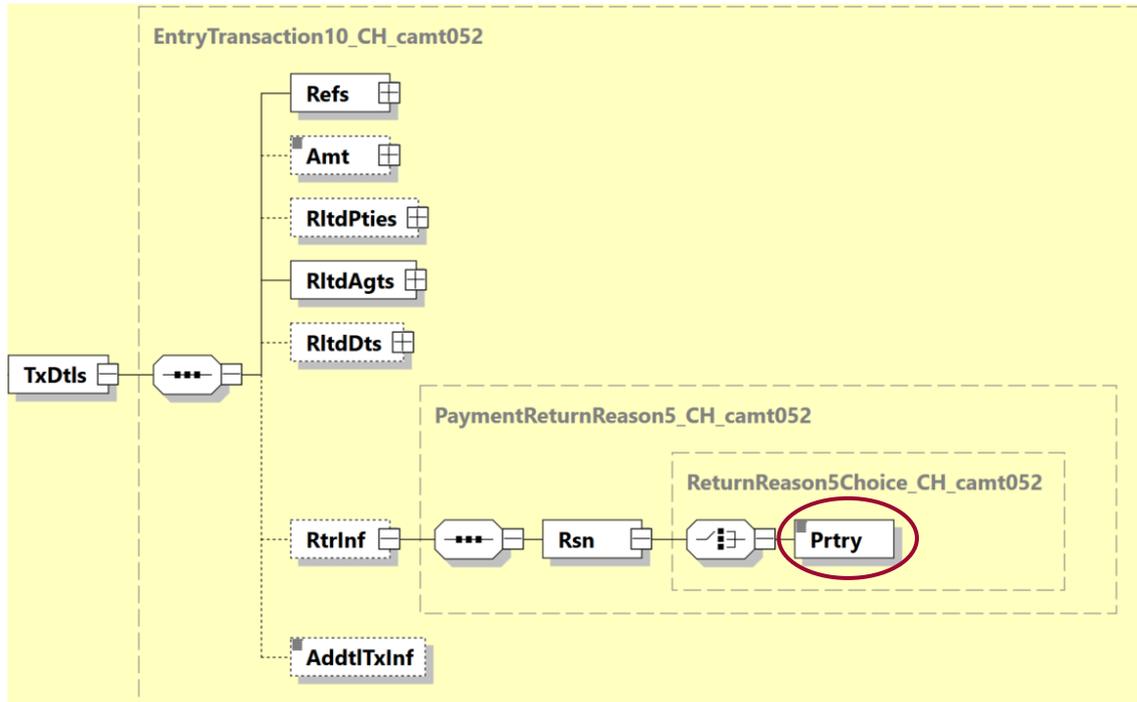


Figure 8: `<RtrInf>` element: display of processing codes

Code value	Reason for cancellation
PTTDY	Cancelled manually in wait file
SYLTE	Cancelled due to cut-off (only in euroSIC)
DPACS	Cancelled in wait file due to individual settlement or debit stop
DPLOF	Cancelled in wait file due to insufficient balance

Table 5: Processing codes for cancelled payments

### 3.7 Additional information about amounts

In the event of a liquidity reservation by the system manager, the balance of incoming and outgoing payments that is shown in the `.../TxSummary/TtlNtries/TtlNetNtryAmt` element is not available to the participant in its entirety on the settlement account for the purpose of processing payments.

For that reason, with list types ACCREC, DETREC and SYSREC, information is provided in a `.../Rpt/Bal` block about the following amounts:

- Liquidity reservation by the system manager (only sent if it applies)
- Available account balance (is always sent)

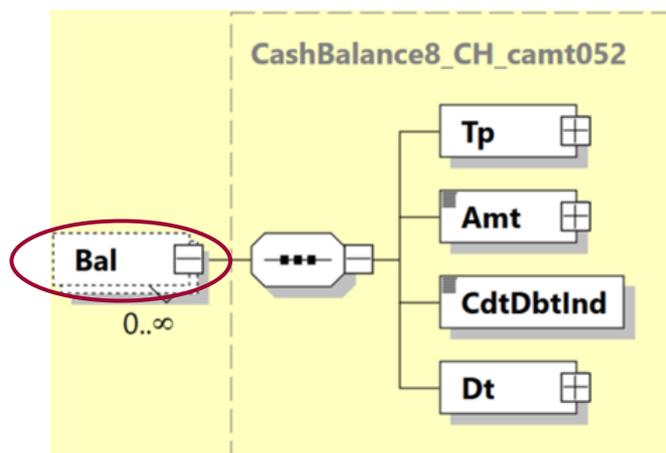


Figure 9: `<Bal>` element: additional information about amounts

The `.../Tp/CdOrPrtry/Prtry` sub-element informs as a code, about which amount is sent in the following `.../Amt` sub-element. The following codes are defined:

Code value	Type of amount value sent
LQRSM	Liquidity reserved by the system manager
AVLBL	Account balance available for the participant

Table 6: Codes for identifying the amount values sent in the `<Bal>` element

### 3.8 Use of references

The following references are used in the XML message "camt.052":

- A-level: *GrpHdr/MsgId* – unique reference of the "camt.052" message
- B-level: *Rpt/Id* – consecutive number of the "Report" element within the message.

### 3.9 Parties of a transaction

In order to facilitate the reconciliation, the parties of a transaction (*.../TxDtls/RltdAgts/InstgAgt* and *.../TxDtls/RltdAgts/InstdAgt* elements) for the DETREC and CNCREC list types are always identified by the (unconcatenated) SIC IID, regardless of the identification (SIC-IID or BIC) used in the submission.

### 3.10 Further business specifications

Further business specifications can be found in the Base document.

## 4 Technical specifications for the RTGS systems

### 4.1 Group Header (GrpHdr, A-level)

The "Group Header" block (A-level of the message) occurs exactly once in the message and contains the following elements:

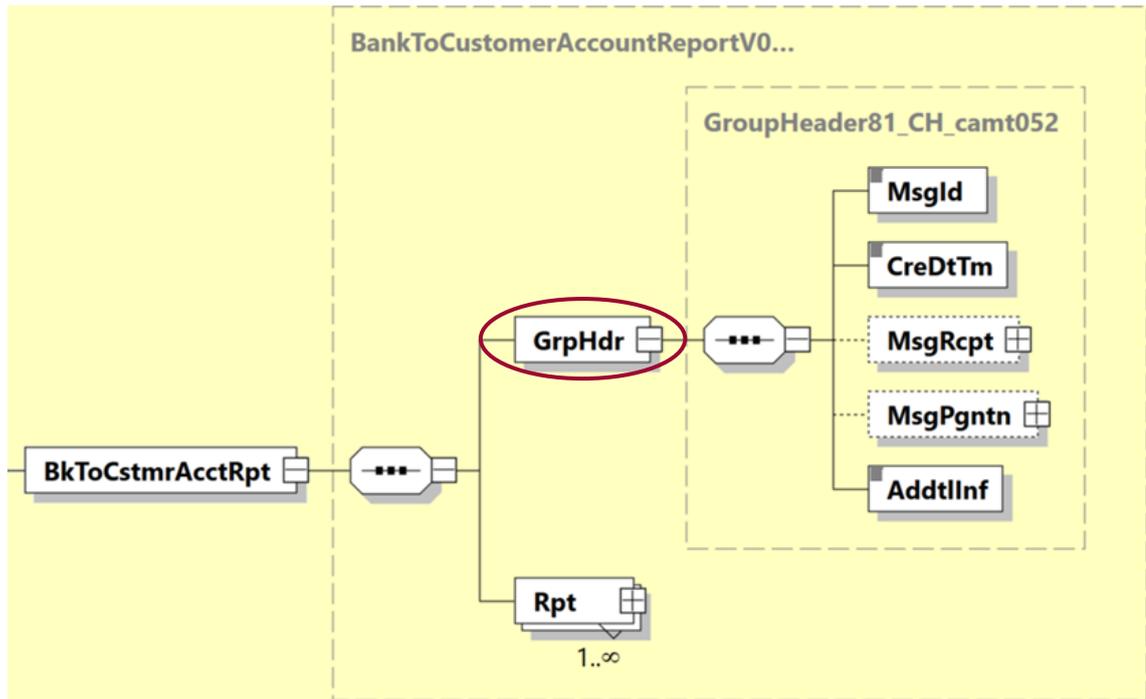


Figure 10: Group Header (GrpHdr, A-level)

The following table specifies all the elements of the "Group Header" block in the "camt.052" message that are relevant to the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Document +Bank To Customer Account Report V08	BkToCstmrAcctRpt	1..1	1..1			
Group Header	GrpHdr	1..1	1..1			
Group Header +Message Identification	MsgId	1..1	1..1	<b>Message Identification</b>		
Group Header +Creation Date Time	CreDtTm	1..1	1..1	<b>Creation Date Time</b>		
Group Header +Message Recipient	MsgRcpt	0..1	0..1			
Group Header +Message Recipient ++Identification	Id	0..1	1..1			
Group Header +Message Recipient ++Identification +++Organisation Identification	OrgId	1..1	1..1			
Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other	Othr	0..n	0..1			
Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Identification	Id	1..1	1..1	<b>Member Identification</b> SIC IID (=6n).		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Scheme Name	SchmeNm	0..1	0..1			
Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Scheme Name +++++Proprietary	Prtry	1..1	1..1	<b>Clearing System Identification (proprietary)</b> Code CHSIC is sent.		
Group Header +Message Pagination	MsgPgntn	0..1	0..1			
Group Header +Message Pagination ++Page Number	PgNb	1..1	1..1	<b>Page Number</b>	SVCREC: Consecutive numbering of all SVCREC recapitulation messages of the third-party system per clearing day starting with 1.	
Group Header +Message Pagination ++Last Page Indicator	LastPgInd	1..1	1..1	<b>Last Page Indicator</b>	SVCREC: The last message of the last settlement account of the clearing day will be marked with "true".	
Group Header +Additional Information	AddtlInf	0..1	1..1	<b>Type of Reconciliation List</b> Code to identify the list type. The following codes are defined: ACCREC: Recapitulation participants (consolidated) DETREC: Recapitulation participants (detailed) CNCREC: Cancellation log SVCREC: Recapitulation third-party systems SYSREC: Recapitulation system manager		

Table 7: Group Header (GrpHdr, A-level)



ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report	Rpt	1..n	1..n	<b>Report</b> Only one <Rpt>-Block per list type will be provided.		
Report +Identification	Id	1..1	1..1	<b>Block Identification</b> Consecutive number of the report element within a message.		
Report +From To Date	FrToDt	0..1	0..1	<b>Reporting period</b>		
Report +From To Date ++From Date Time	FrDtTm	1..1	1..1	<b>Start of Reporting Period</b> Timestamp of the system managers 'Begin of Day' instruction.		
Report +From To Date ++To Date Time	ToDtTm	1..1	1..1	<b>End of Reporting Period</b> Timestamp of the system managers 'End of Day Processing' instruction.		
Report +Reporting Source	RptgSrc	0..1	0..1	<b>Reporting Source</b> Specifies the RTGS for which the reporting was generated.		
Report +Reporting Source ++Proprietary	Prtry	1..1	1..1	<b>RTGS Identification Code</b> Unambiguous identification of the clearing system, the following code values are available: SIC (CHF only) = value SIC must be used euroSIC (EUR only) = value SEU must be used		
Report +Account	Acct	1..1	1..1	<b>Settlement Account Information</b>		
Report +Account ++Identification	Id	1..1	1..1	<b>Settlement Account</b> The Settlement Account will always be provided in the <Othr><Id> element. <IBAN> is not supported.		
Report +Account ++Identification +++Other	Othr	1..1	1..1			

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Account ++Identification +++Other ++++Identification	Id	1..1	1..1	<b>Settlement Account</b> Identification of the SIC settlement account.		
Report +Account ++Currency	Ccy	0..1	0..1	<b>Currency Code</b> For SIC always CHF and for euroSIC always EUR.		
Report +Account ++Owner	Ownr	0..1	0..1			
Report +Account ++Owner +++Name	Nm	0..1	0..1	<b>Name of Participant</b>		
Report +Account ++Owner +++Postal Address	PstlAdr	0..1	0..1	<b>Postal Address</b> At least <Ctry> and <TwnNm> will be provided.		
Report +Balance	Bal	0..n	0..n	<b>Balance Information</b> The following recapitulation relevant amounts will be provided: - Amount reserved by the system managers (will only be provided in case of an existing reservation) - Available Balance at the end of the clearing day (Balance 1, will always be provided)	SVCREC: Not provided CNCREC: Not provided	
Report +Balance ++Type	Tp	1..1	1..1	<b>Type</b>		
Report +Balance ++Type +++Code Or Proprietary	CdOrPrtry	1..1	1..1	<b>Code or Proprietary Type Indicator</b>		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Balance ++Type +++Code Or Proprietary ++++Proprietary	Prtry	1..1	1..1	<b>Type Indicator (proprietary)</b> Following Codes are defined: - LQRSM: Liquidity reservation by the system manager - AVLBL: Available Balance (Balance 1)		
Report +Balance ++Amount	Amt	1..1	1..1	<b>Amount</b> Reserved amount or balance amount		
	@ Ccy			<b>Currency</b> CHF or EUR (depending on the currency of the RTGS)		
Report +Balance ++Credit Debit Indicator	CdtDbtInd	1..1	1..1	<b>Credit Debit Indicator</b>		
Report +Balance ++Date	Dt	1..1	1..1	<b>Date</b> The sub-element <Dt> will be provided and will always match the date provided in <Rpt>/<CreDtTm>		
Report +Balance ++Date +++Date	Dt	1..1	1..1	<b>Report Date</b>		
Report +Transactions Summary	TxsSummry	0..1	1..1	<b>Transactions Summary</b> In case of message pagination, the transaction summary will be provided on every page with identical data.		
Report +Transactions Summary ++Total Entries	TtINtries	0..1	1..1			
Report +Transactions Summary ++Total Entries +++Number Of Entries	NbOfNtries	0..1	1..1	<b>Number of Entries</b> Number of transactions processed by SIC for the participant.		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Transactions Summary ++Total Entries +++Total Net Entry	TtlNetNtry	0..1	0..1			
Report +Transactions Summary ++Total Entries +++Total Net Entry ++++Amount	Amt	1..1	1..1	<b>Total Net Entry Amount</b> Balance of incoming and outgoing payments.	ACCREC: Total balance of settled incoming and outgoing payments (SIC balance). CNCREC: Balance of cancelled payments (calculated value). DETREC: Total balance of settled incoming and outgoing payments (SIC balance). SVCREC: Balance of settled incoming and outgoing payments for the transaction type of the service. SYSREC: Total balance of settled incoming and outgoing payments (SIC balance).	
Report +Transactions Summary ++Total Entries +++Total Net Entry ++++Credit Debit Indicator	CdtDbtInd	1..1	1..1	<b>Credit Debit Indicator</b>		
Report +Transactions Summary ++Total Credit Entries	TtlCdtNtries	0..1	1..1	<b>Total Number and Sum of Credit Entries</b>		
Report +Transactions Summary ++Total Credit Entries +++Number Of Entries	NbOfNtries	0..1	1..1	<b>Total Number of Credit Entries</b>	CNCREC: Number of cancelled incoming payments. ACCREC: Number of settled incoming payments. DETREC: Number of settled incoming payments. SVCREC: Number of settled incoming payments. SYSREC: Number of settled incoming payments.	
Report +Transactions Summary ++Total Credit Entries +++Sum	Sum	0..1	1..1	<b>Total Amount of Credit Entries</b>	ACCREC: Total of settled incoming payments. DETREC: Total of settled incoming payments. SVCREC: Total of settled incoming payments. CNCREC: Total of cancelled incoming payments. SYSREC: Total of settled incoming payments.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Transactions Summary ++Total Debit Entries	TtlDbtNtries	0..1	1..1	<b>Total Number and Sum of Debit Entries</b>		
Report +Transactions Summary ++Total Debit Entries +++Number Of Entries	NbOfNtries	0..1	1..1	<b>Total Number of Debit Entries</b>	ACCREC: Number of settled outgoing payments. DETREC: Number of settled outgoing payments. SVCREC: Number of settled outgoing payments. CNCREC: Number of cancelled outgoing payments. SYSREC: Number of settled outgoing payments.	
Report +Transactions Summary ++Total Debit Entries +++Sum	Sum	0..1	1..1	<b>Total Amount of Debit Entries</b>	ACCREC: Total of settled outgoing payments. DETREC: Total of settled outgoing payments. SVCREC: Total of settled outgoing payments. CNCREC: Total of cancelled outgoing payments. SYSREC: Total of settled outgoing payments.	
Report +Transactions Summary ++Total Entries Per Bank Transaction Code	TtlNtriesPerBkTxCd	0..n	0..n	<b>Total Entries per Bank Payment Type</b> For each payment type for which a payment was settled on the settlement account during the reporting period one occurrence of <TtlNtriesPerBkTxCd> block will be created.	CNCREC: Not used. DETREC: Not used	
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Number Of Entries	NbOfNtries	0..1	1..1	<b>Total Number of Incoming and Outgoing Payments for the Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Total Net Entry	TtlNetNtry	0..1	1..1	<b>Total debit or credit amount that is the result of the netted amounts for all debit and credit entries per Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Total Net Entry ++++Amount	Amt	1..1	1..1	<b>Total Net amount of Incoming and Outgoing Payments for the Payment Type</b>		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Total Net Entry ++++Credit Debit Indicator	CdtDbtInd	1..1	1..1	<b>Credit Debit Indicator</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Credit Entries	CdtNtries	0..1	0..1	<b>Total Number and Sum of Credit Entries for the Payment Type</b> Only provided if credit transactions for the payment type have been settled on the settlement account during the reporting period.		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Credit Entries ++++Number Of Entries	NbOfNtries	0..1	0..1	<b>Total Number of Credit Entries for the Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Credit Entries ++++Sum	Sum	0..1	0..1	<b>Total Amount of Credit Entries for the Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Debit Entries	DbtNtries	0..1	0..1	<b>Total Number and Sum of Debit Entries for the Payment Type</b> Only provided if debit transactions for the payment type have been settled on the settlement account during the reporting period.		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Debit Entries ++++Number Of Entries	NbOfNtries	0..1	0..1	<b>Total Number of Debit Entries for the Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Debit Entries ++++Sum	Sum	0..1	0..1	<b>Total Amount of Debit Entries for the Payment Type</b>		
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Bank Transaction Code	BkTxCd	1..1	1..1			
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Bank Transaction Code ++++Proprietary	Prtry	0..1	0..1			
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Bank Transaction Code ++++Proprietary +++++Code	Cd	1..1	1..1	<b>Payment Type</b>		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Date	Dt	0..1	1..1			
Report +Transactions Summary ++Total Entries Per Bank Transaction Code +++Date ++++Date	Dt	1..1	1..1	<b>Value date</b>		

Table 8: Report (Rpt, B-level)

### 4.3 Entry (Ntry, C-level)

The "Entry" block (C-level of the message) contains information about individual transactions of the clearing day and will only be provided for list types CNCREC and DETREC.

However, the block is only sent if transactions were settled on the settlement account during the reporting period.

When sent via the Messaging Gateway or SWIFT InterAct, the block is sent a maximum of 10 times.

When sent via the file transfer gateway, the block is sent without any restrictions, i.e. always a single file will be created for each message.

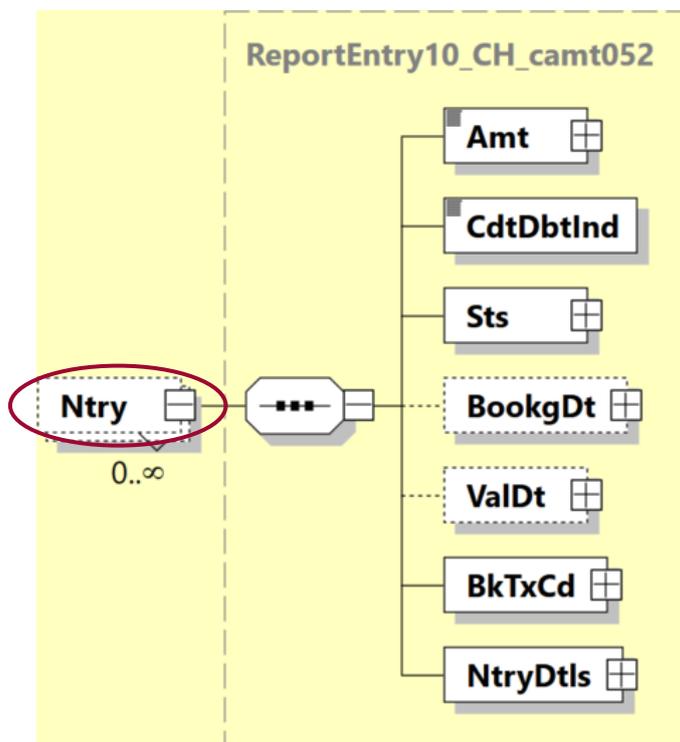


Figure 12: Entry (Ntry, C-level)

The following table specifies all the elements of the "Entry" block of the "camt.052" message that are relevant to the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry	Ntry	0..n	0..n	<b>Transactions</b>	ACCREC: Not used. SVCREC: Not used. SYSREC: Not used. DETREC: Block will only be provided when transactions were settled on the settlement account during the reporting period.	
Report +Entry ++Status	Sts	1..1	1..1	<b>Booking Status</b>		
Report +Entry ++Status +++Code	Cd	1..1	1..1	<b>Booking Status (Code)</b> Depending on the list type, either the status BOOK or INFO will be provided.	CNCREC: Only the code INFO will be provided, because the transaction was cancelled. DETREC: Only the code BOOK will be provided.	
Report +Entry ++Booking Date	BookgDt	0..1	0..1	<b>Booking Date Information</b>	CNCREC: Not used.	
Report +Entry ++Booking Date +++Date Time	DtTm	1..1	1..1	<b>Booking Date</b>		
Report +Entry ++Value Date	ValDt	0..1	0..1	<b>Value Date Information</b>	CNCREC: Not used.	
Report +Entry ++Value Date +++Date	Dt	1..1	1..1	<b>Value Date</b>		
Report +Entry ++Bank Transaction Code	BkTxCd	1..1	1..1			

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Bank Transaction Code +++Proprietary	Prtry	0..1	0..1			
Report +Entry ++Bank Transaction Code +++Proprietary ++++Code	Cd	1..1	1..1	<b>Payment Type</b>	CNCREC: Payment type of the cancelled payment. DETREC: Payment type of the settled payment.	

Table 9: Entry (Ntry, C-level)

## 4.4 Entry Details (NtryDtls, D-level)

The "Entry Details" block (D-level of the message) group together additional information about specific transactions of the clearing day. Only the <TxDtls> element is used.

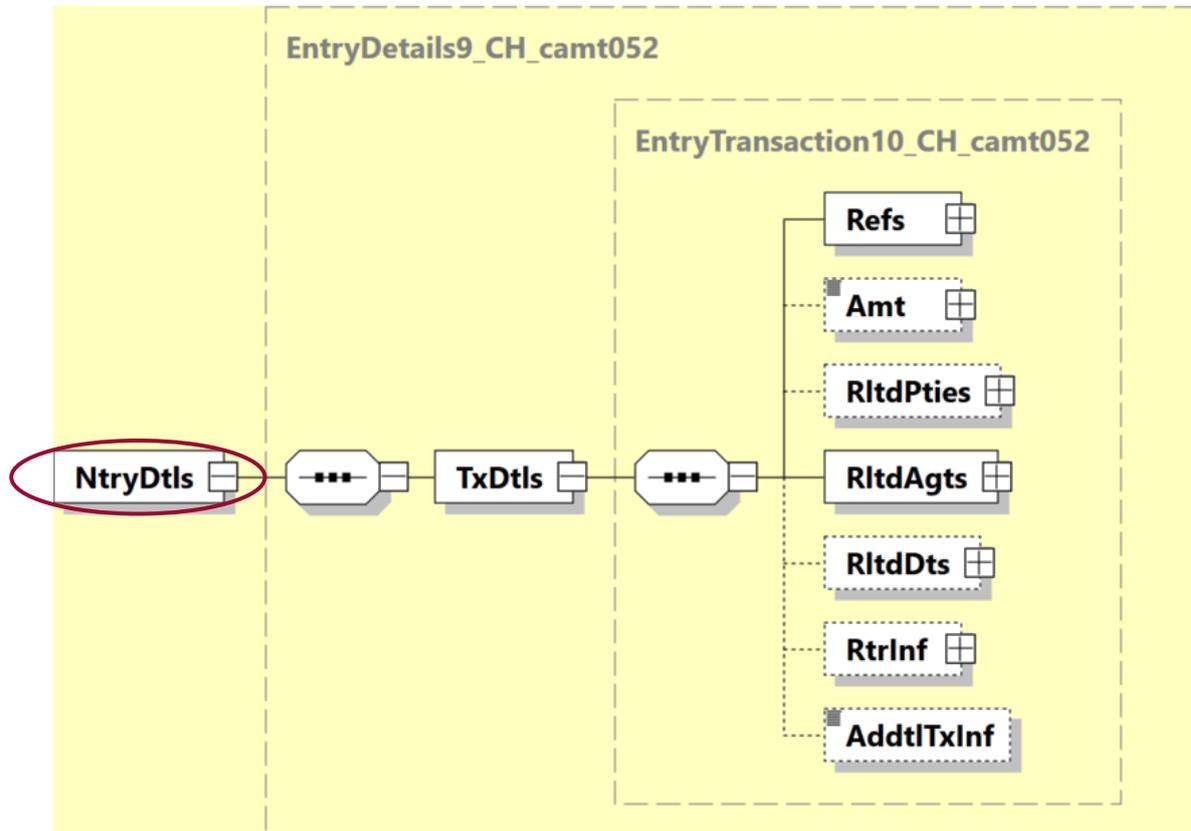


Figure 13: Entry Details (NtryDtls, D-level)

The following table specifies all the elements of the "Entry Details" block of the "camt.052" message that are relevant to the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details	NtryDtls	0..n	1..1			
Report +Entry ++Entry Details +++Transaction Details	TxDtls	0..n	1..1			
Report +Entry ++Entry Details +++Transaction Details ++++References	Refs	0..1	1..1			
Report +Entry ++Entry Details +++Transaction Details ++++References +++++Message Identification	MsgId	0..1	1..1	<b>Original Message Identification</b>	DETREC: Message identification of the settled payment. CNCREC: Message identification of the cancelled payment.	
Report +Entry ++Entry Details +++Transaction Details ++++References +++++UETR	UETR	0..1	0..1	<b>Unique End-to-end Transaction Reference</b> This identification contains a Universally Unique Identifier (UUID) according to RFC 4122 version 4.	CNCREC: Unique End-to-end Transaction Reference of the cancelled payment. DETREC: Unique End-to-end Transaction Reference of the settled payment.	
Report +Entry ++Entry Details +++Transaction Details ++++References +++++Transaction Identification	TxId	0..1	1..1	<b>Original Transaction Identification</b>	CNCREC: Transaction identification of the cancelled payment. DETREC: Transaction identification of the settled payment.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details +++Transaction Details ++++Amount	Amt	0..1	0..1	<b>Amount</b> Not provided.		
Report +Entry ++Entry Details +++Transaction Details ++++Related Parties	RltdPties	0..1	0..1	<b>Related Parties</b> Not provided.		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents	RltdAgts	0..1	1..1	<b>Related Agents</b> For both incoming and outgoing payments, the instructing participant is provided in the sub-element <InstgAgt> and the instructed participant is provided in the sub-element <InstdAgt>.		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent	InstgAgt	0..1	1..1	<b>Instructing Participant</b>	DETREC: Always used. CNCREC: Always used.	
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent ++++++Financial Institution Identification	FinInstnId	1..1	1..1			

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent +++++Financial Institution Identification ++++++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	<b>Identification of Instructing Participant (proprietary)</b>	
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent +++++Financial Institution Identification ++++++Clearing System Member Identification ++++++Clearing System Identification	ClrSysId	0..1	0..1	<b>Clearing System Identification</b>	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent ++++++Financial Institution Identification +++++++Clearing System Member Identification +++++++Clearing System Identification +++++++Code	Cd	1..1	1..1	<b>Clearing System Identification (code)</b> Code CHSIC will be provided.		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructing Agent ++++++Financial Institution Identification +++++++Clearing System Member Identification +++++++Member Identification	MmbId	1..1	1..1	<b>Identification of Instructing Participant (proprietary)</b> SIC-IID (=6n).		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent	InstdAgt	0..1	1..1	<b>Instructed Participant</b>	DETREC: Always used. CNCREC: Always used.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent +++++Financial Institution Identification	FinInstnId	1..1	1..1			
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent +++++Financial Institution Identification +++++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	<b>Identification of Instructed Participant (proprietary)</b>		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent +++++Financial Institution Identification +++++Clearing System Member Identification +++++Clearing System Identification	ClrSysId	0..1	0..1	<b>Clearing System Identification</b>		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent ++++++Financial Institution Identification +++++++Clearing System Member Identification +++++++Clearing System Identification +++++++Code	Cd	1..1	1..1	<b>Clearing System Identification (code)</b> Code CHSIC will be provided.		
Report +Entry ++Entry Details +++Transaction Details ++++Related Agents +++++Instructed Agent ++++++Financial Institution Identification +++++++Clearing System Member Identification +++++++Member Identification	MmbId	1..1	1..1	<b>Identification of Instructed Participant (proprietary)</b> SIC IID (=6n).		
Report +Entry ++Entry Details +++Transaction Details ++++Related Dates	RltdDts	0..1	0..1	<b>Related Date</b> Not provided.		
Report +Entry ++Entry Details +++Transaction Details ++++Return Information	RtrInf	0..1	0..1	<b>Cancellation Information</b>	DETREC: Not used. CNCREC: Always provided.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult	Mult	Definition	List-specific Definition	
Report +Entry ++Entry Details +++Transaction Details ++++Return Information ++++Reason	Rsn	0..1	1..1	<b>Status Code</b>		
Report +Entry ++Entry Details +++Transaction Details ++++Return Information ++++Reason ++++Proprietary	Prtry	1..1	1..1	<b>Status Code (proprietary)</b>	CNCREC: Processing code to provide information about the reason for the cancellation. The following values are defined: PTTDY = Cancelled manually in wait file SYLTE = Cancelled due to cut-off (only in euroSIC) DPACS = Cancelled in wait file due to individual settlement or debit stop DPLOF = Cancelled in wait file due to insufficient balance	
Report +Entry ++Entry Details +++Transaction Details ++++Additional Transaction Information	AddlTxInf	0..1	0..1	<b>Additional Transaction Information</b> Not provided.		

Table 10: Entry Details (NtryDtls, D-level)