



Implementation Guidelines for ISO 20022 Interbank Messages

SIC and euroSIC

Query (camt.005) and Query Response (camt.006)

General notes

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About this document

Target audience

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

Purpose

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 types "camt.005" and "camt.006" – 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.

Amendment control

All the amendments carried out on this document are listed in an amendment record table showing the version, the date of the amendment, a brief amendment description and a statement of the sections concerned.

Associated documents

Supplementary information to the Implementation Guidelines can be found in the reference documents listed in the Base Document.

Amendment control

All the amendments carried out on this document are listed below, with the version, the date of the amendment, a brief amendment description and a statement of the sections concerned.

Version	Date	Amendment description	Section
1.0	16.04.2015	First edition	all
1.1	02.07.2015	XML schema changed: <ul style="list-style-type: none">TxQryDef/TxCrit/NewCrit/SchCrit/AcctNtrySch (defined as mandatory element)TxQryDef/TxCrit/NewCrit/SchCrit/AcctNtrySch/AcctOwnr (defined as mandatory element)	2, 3.5, 4.1.2, 4.2, 5, Appendix A

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1 Overview of documentation structure

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.

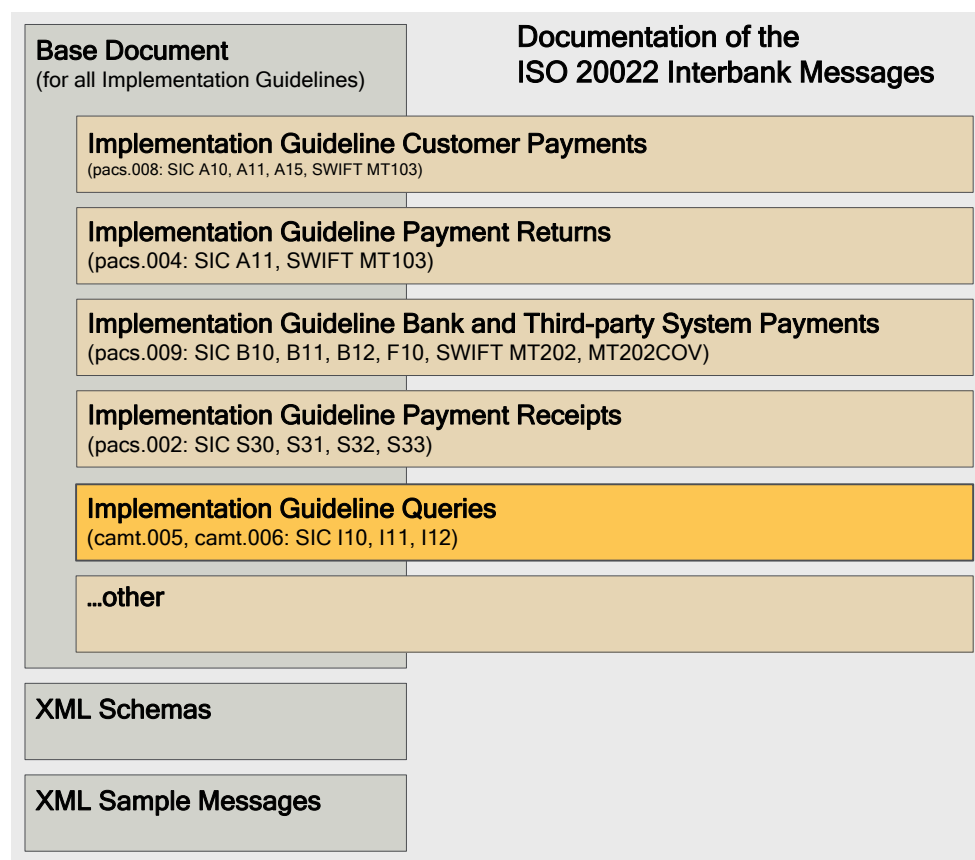


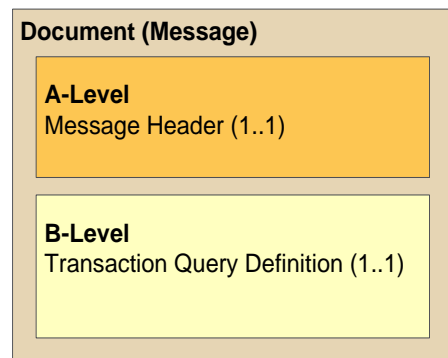
Figure 1: Documentation structure

2 SWIFT MX definitions

The «Get Transaction» query message (camt.005) is sent from the participant to the RTGS systems, to request information about one or more payments. It is used on the basis of the SWIFT MX schema "camt.005.001.06" and is compatible with them.

As a response to the "camt.005" query message, the RTGS systems always send the "Return Transaction" message (camt.006) to the participant.

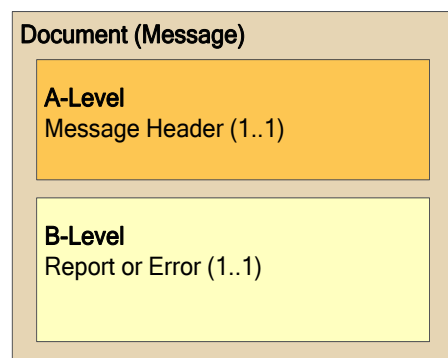
The structure of the messages is based on the ISO 20022 standard but these are not (yet) messages published by ISO for inclusion in the standard.



The "camt.005.001.06.ch.02" message is essentially structured as follows:

- **A-Level:** Message level, element "Message Header". This block must occur exactly once.
- **B-Level:** Transaction level, element «Transaction Query Definition». This block must occur exactly once.

Figure 2: Basic message structure of the "camt.005.001.06.ch.02" message



The "camt.006.001.06.ch.01" message is essentially structured as follows:

- **A-Level:** Message level, element "Message Header". This block must occur exactly once.
- **B-Level:** Transaction level, element «Report or Error». This block must occur exactly once.

Figure 3: Basic message structure of the "camt.006.001.06.ch.01" message

3 Business specifications for the RTGS systems

3.1 General

The "camt.005" message is used for querying payments. The query results are restricted by entering selection criteria in the <SchCrit> element.

The query message is always acknowledged by the RTGS systems by sending the "camt.006" message. This message contains either the query results or an error message.

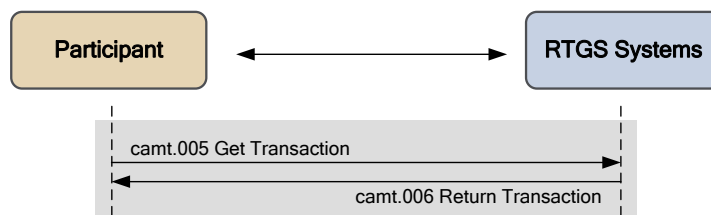


Figure 4: Message flows for payment query messages

3.2 Query types

The use cases in the "camt.005" message are distinguished by entering the query type under "Transaction Query Definition" in the <NewQryNm> element.

Query type	Code value	Use case
Single transaction query	STXQRY	Individual payment query

Table 1: Query types and their code value in the «camt.005» message

Note: In this document, the query types are always referred to by their code value.

3.3 Use of references

In the processing chain, the reference *MsgHdr/MsgId* is always sent as a unique message identification at A-Level in the "camt.005" and "camt.006" messages.

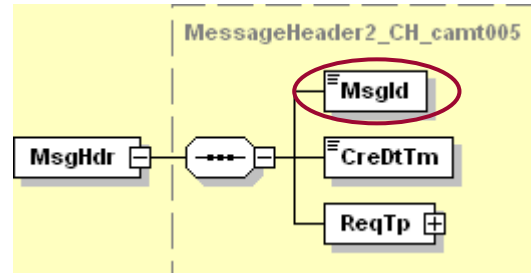


Figure 5: Message identification in «camt.005» and «camt.006»

In the "camt.006" response message, at A-Level, the message identification from the original "camt.005" query message is returned in the *OrgnlBizQry/MsgId* element.

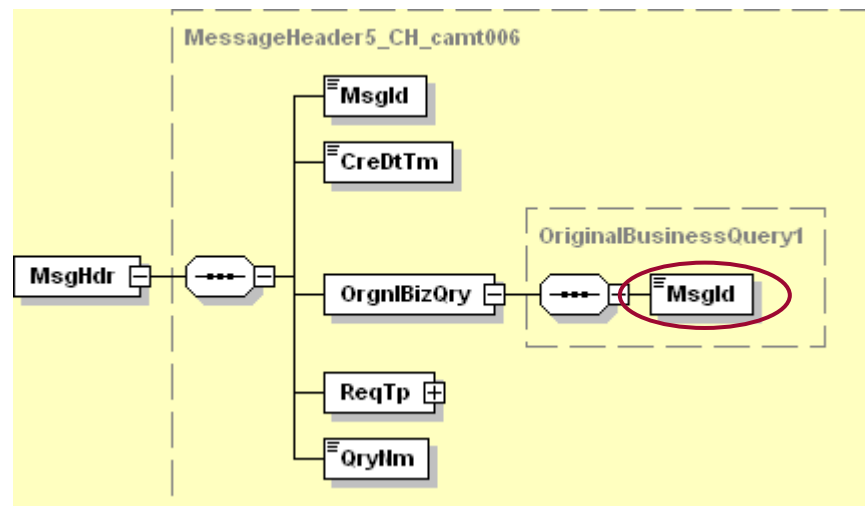


Figure 6: Original message identification of the «camt.005» message in «camt.006»

For the transaction sent in the "camt.006" response message, at B-Level, the original transaction reference from the payment message is sent in the *TxRpt/PmtId/TxId* element.

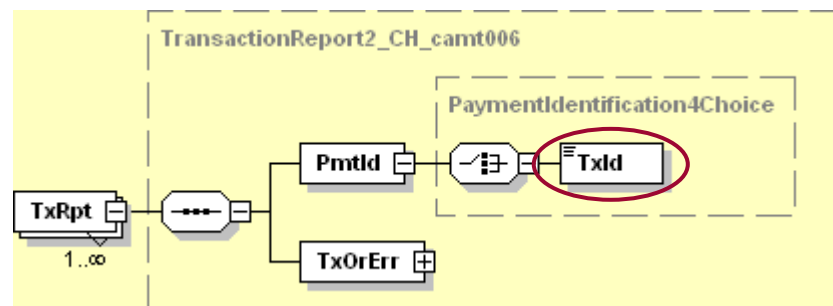


Figure 7: Transaction reference of a payment in the «camt.006» response message

3.4 Code values for query types

In the "camt.005" message, the query type is identified by the corresponding code value in the *TxQryDef/TxCrit/NewCrit/NewQryNm* element.

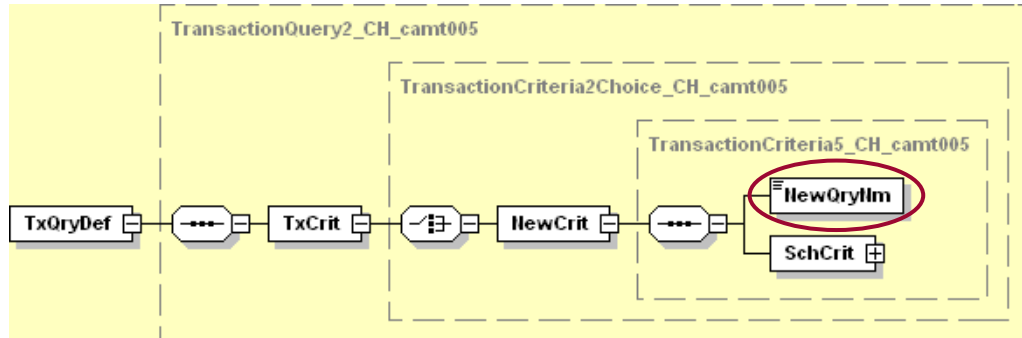


Figure 8: Entering the code value to indicate the query type

The following code value is defined:

Code value	Query type
STXQRY	Single transaction query

Table 2: Code values of query types

3.5 Query type "Single transaction query" (STXQRY)

For query type STXQRY, a limited set of mandatory query criteria has to be sent in the "camt.005" query message.

The query results in the "camt.006" message show in the *Pmt/InstrCpy* element, the incoming payment in the message standard in which it was submitted (see section 3.7.2).

The original message that is sent at the same time also includes any data that was truncated in the outgoing message.

The following table shows the final overview of the permitted and required query criteria for the STXQRY query type.

Group	Element	Description
<i>PmtFr</i>	<i>Mmbld/FinInstnId</i>	Instructing participant for the payment being sought
<i>PmtSch</i>	<i>TxId</i>	Transaction reference for the payment being sought
<i>AcctNtrySch</i>	<i>AcctOwnr</i>	Identification of the account authorized participant

Table 3: Query criteria for the STXQRY query type

3.6 Query results

The results of a query are sent at B-Level in the "camt.006" message and contain either error information in the *OprlErr* element or the transaction data from the payment that matches the query criteria, in the *BizRpt* element.

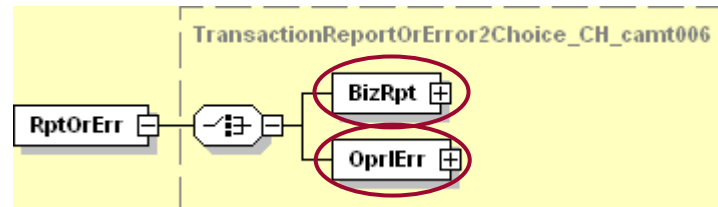


Figure 9: Query results at B-Level of «camt.006»

If for some reason the query could not be executed or if no payment was found that matched the query criteria, then an error code is sent in the *OprlErr/Err/Prtry* element.

The following code values are defined:

Code value	Event
NRSLT	No payment matching the query criteria was found
NAUTH	Query is not permitted
QYINV	Invalid query criteria

Table 4: Error codes in the query results

If the RTGS system finds a payment matching the query criteria, then one instance of the *TxRpt* element is sent in the "camt.006" response message. This contains both the transaction reference in the *PmtId/TxId* element and other data relating to the payment in the *TxOrErr/Tx* element.

Within the *TxOrErr/Tx* element, the transaction data for each payment is summarised in 4 groups in the same way as for the query message:

Group	Description
<i>PmtTo</i>	Instructed participant of the transaction
<i>PmtFr</i>	Instructing participant of the transaction
<i>Pmt</i>	Payment data of the transaction
<i>AcctNtry</i>	Account data of the transaction

Table 5: Grouping of the transaction data for a payment in the query results

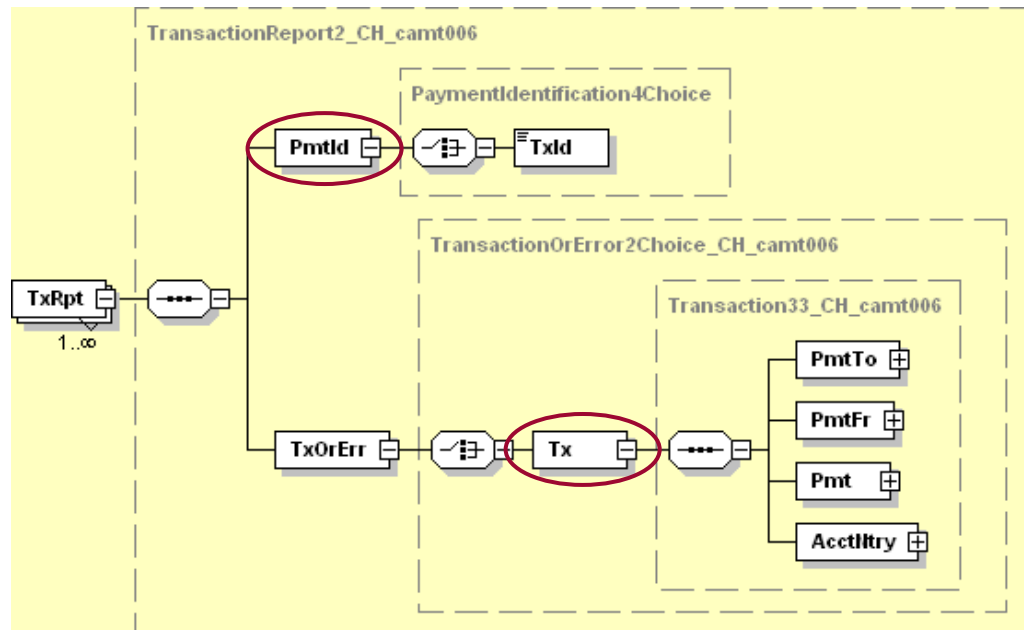


Figure 10: Transaction data for the queried payments in the BizRpt/TxRpt element

Data elements delivered for each payment in the query results:

Group	Business element <i>XML element</i>	Comment
<i>PmtTo</i>	Instructed participant <i>Mmbld/FinInstnId</i>	Variation (BIC, IID) as in the submitted original message, plus option of <i>Othr</i> for concatenation or direct routing
<i>PmtFr</i>	Instructing participant <i>Mmbld/FinInstnId</i>	Variation (BIC, IID) as in the submitted original message
<i>PmtSch</i>	Status code <i>Sts/Cd</i>	See section 3.7.1
	Date and time of input, settlement or cancellation <i>Sts/DtTm</i>	
	Cancellation identification <i>Sts/Rsn</i>	
	Settlement amount <i>IntrBkSttlmAmt</i>	Incl. currency
	Purpose <i>Purp</i>	Only for compensation payments
	Payment type <i>PmtMtd</i>	
	Settlement priority * <i>Ppty</i>	
	Submitted message <i>InstrCpy</i>	In the same message standard as the submission
	Settlement date <i>IntrBkSttlmDt</i>	Intended settlement date from the submitted message
<i>AcctNtry</i>	Settlement account <i>Acct</i>	Fix: «NOTPROVIDED»
	Date and time of submission <i>Ntry/Dt</i>	
	Additional information <i>Ntry/AddtlNtryInf</i>	

Table 6: Data elements per payment in query results

*** Note:** Regardless of the message standard of the submitted original message, ISO 20022 codes of this Implementation Guideline are always used.

3.7 Presentation of information in the query results

3.7.1 Status of payments

The settlement status of a payment is given using codes in the *Sts* element. For each status that is sent, the time is given at which the status in question was assigned by the RTGS system.

The following status codes are defined:

Code value	Status of the payment
STLD	settled
VALD	validated
CAND	cancelled

Table 7: Status codes in query results

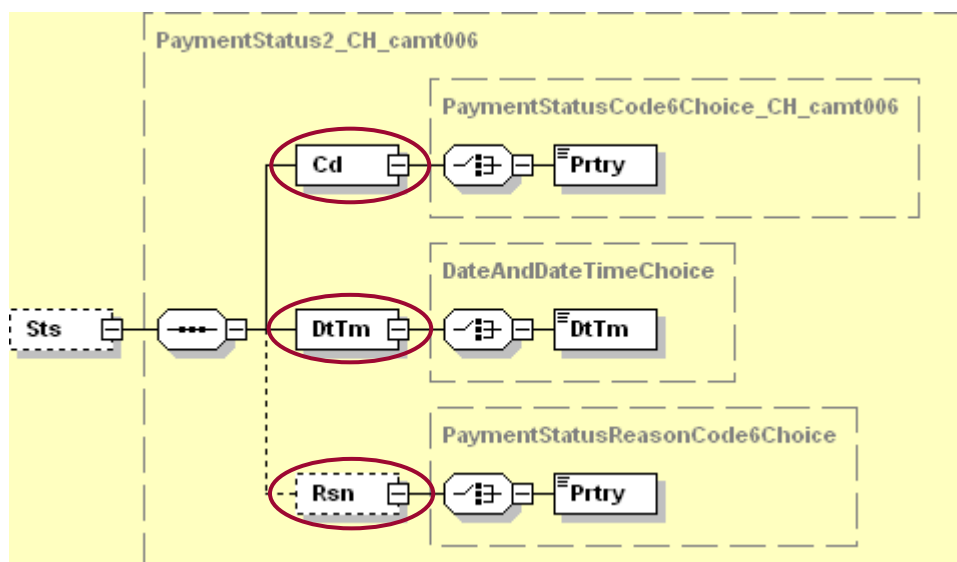


Figure 11: Status of a payment in query results

Settled payments

In the query results, the actual settlement time is shown by the combination of the *Pmt/Sts/Cd/Prtry* elements with the code "STLD" and the associated *Pmt/Sts/DtTm* element.

```
<Sts>
  <Cd>
    <Prtry>STLD</Prtry>
  </Cd>
  <DtTm>
    <DtTm>2014-06-18T14:12:10</DtTm>
  </DtTm>
</Sts>
```

Figure 12: Actual settlement time of a payment shown in "camt.006"

Cancelled payments

Cancelled payments are shown in the query results using the code "CAND" in the *Pmt/Sts/Cd/Prtry* element and the cancellation time in the *Pmt/Sts/DtTm* element. The cancellation information is also sent in the *Sts/Rsn/Prtry* element in the form of a code.

Code value	Cancellation information
PTTDY	Cancelled manually in wait file value date today
PTPVQ	Cancelled manually in wait file pre-value date
SYLTE	Cancelled due to cut-off (in euroSIC only)
SYDBC	Cancelled due to IID deletion
DPACS	Cancelled in wait file due to individual settlement or debit stop
DPLOF	Cancelled in wait file due to insufficient balance

Table 8: Codes for cancellation information in the query results

Validated payments

All successfully validated but not yet settled payments (e.g. where they are submitted with a pre-value date or earliest settlement date) are marked with the code "VALD" – validated – and contain the input date and time in the *Pmt/Sts/DtTm* element.

3.7.2

Payment message in the message standard of the submitted message

Payments queried using the STXQRY query type also contain in the response message a copy of the incoming message, in the message standard in which it was submitted.

The submitted payment message is packed as a text block in the *Pmt/InstrCpy* element in a so-called CDATA section that is not subject to validation:

```
<InstrCpy>
  <![CDATA[
    <02>098064
    <03>2012012500001
    <15>CHF
    <16>20120125
    <17A>000000001111,00
    <18>092052
    <31I>CH4089999001234567890
    <32A>Uhrengrosshandel Buxtehude
    Buxtehude
    <45I>CH1708841000987654321
    <46A>Horlogerie du Joux
    Les Brenets
  ]]>
</InstrCpy>
```

Figure 13: CDATA section including payment in the message standard of the submitted message

3.8 Acknowledging the messages

The "camt.005" message is always acknowledged by the RTGS systems with the "camt.006" message.

Receipt of the "camt.006" message does not need to be acknowledged by the participant.

3.9 Further business specifications

Further business specifications can be found in the Base Document.

4 Technical specifications for the RTGS systems

4.1 Query message – Get Transaction (GetTx, camt.005)

4.1.1 Message Header (MsgHdr, A-Level)

The "Message Header" (A-Level of the message) occurs exactly once in the message and contains the following elements:

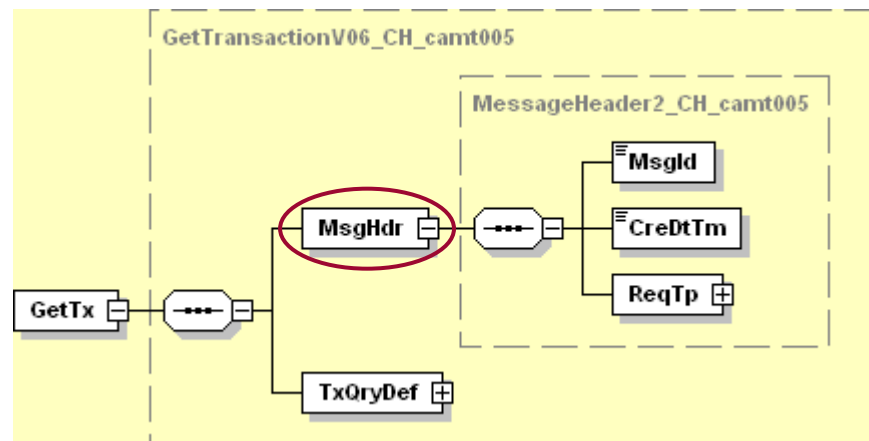


Figure 14: Message Header (MsgHdr)

The following table specifies all the elements of the "Message Header" of the "camt.005" message that are relevant in the context of the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult.	Mult.	Definition	Query Type specific Definition
Document +GetTx	GetTx	1..1	1..1		
MsgHdr	MsgHdr	1..1	1..1		
MsgHdr +MsgId	MsgId	1..1	1..1	Message Identification Only the SWIFT character set excluding spaces is permitted for this element.	
MsgHdr +CreDtTm	CreDtTm	0..1	1..1	Creation Date Time	
MsgHdr +ReqTp	ReqTp	0..1	1..1		
MsgHdr +ReqTp ++Prtry	Prtry	1..1	1..1		
MsgHdr +ReqTp ++Prtry +++Id	Id	1..1	1..1	RTGS Code Fix "CSC" for SIC, "CEC" for euroSIC.	

Table 9: *camt.005 – Message Header (MsgHdr, A-Level)*

4.1.2 Transaction Query Definition (TxQryDef, B-Level)

The «*Transaction Query Definition*» (B-Level of the message) occurs exactly once in the message and contains the following elements:

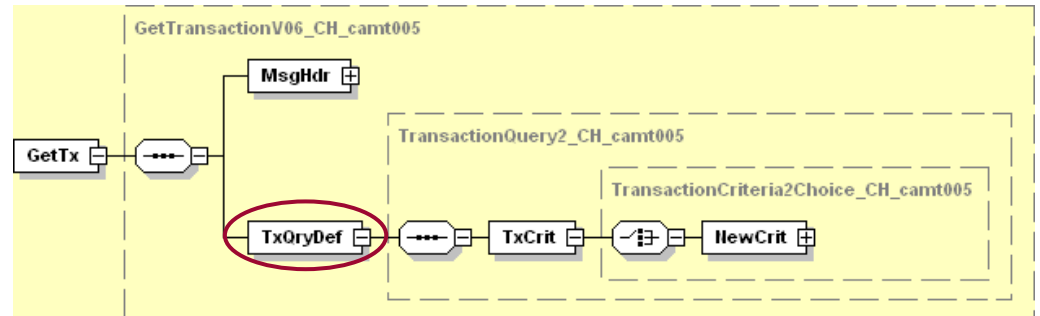


Figure 15: Transaction Query Definition (TxQryDef)

The search criteria for the query are specified in the *TxCrit/NewCrit/SchCrit* sub-element.

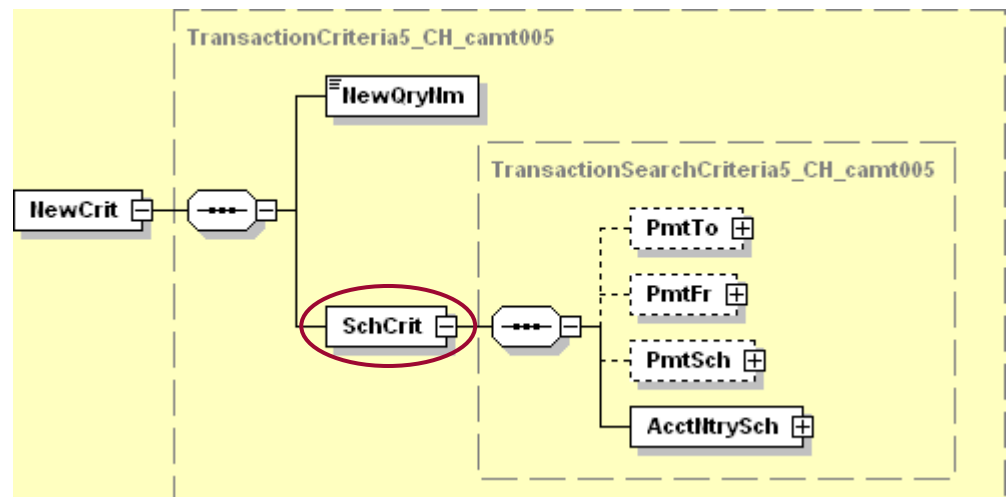


Figure 16: Search Criteria (SchCrit)

The following table specifies all the elements of the «*Transaction Query Definition*» of the "camt.005" message that are relevant in the context of the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult.	Mult.	Definition	Query Type specific Definition	
TxQryDef	TxQryDef	0..1	1..1			
TxQryDef +TxCrit	TxCrit	0..1	1..1			
TxQryDef +TxCrit ++NewCrit	NewCrit	1..1	1..1			
TxQryDef +TxCrit ++NewCrit +++NewQryNm	NewQryNm	0..1	1..1	Query Type Must be used to identify the query type. The following code is defined: STXQRY – Single transaction query		
TxQryDef +TxCrit ++NewCrit +++SchCrit	SchCrit	0..n	1..1	Search Criteria		
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr	PmtFr	0..n	0..1	Instructing Participant For addressing the participant, either the <BICFI> or <ClrSysMmbld> element must be used.		
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr +++++Mmbld	Mmbld	0..n	1..1			
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr +++++Mmbld ++++++FinInstnld	FinInstnld	1..1	1..1	Identification of Instructing Participant		
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr +++++Mmbld ++++++FinInstnld +++++++BICFI	BICFI	0..1	0..1	Identification of Instructing Participant (BIC) SWIFT address with 8 or 11 alphanumeric characters. This element must not be used at the same time as <ClrSysMmbld>.		

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult.	Mult.	Definition	Query Type specific Definition
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr +++++Mmbld ++++++FinInstnId +++++++ClrSysMmbld	ClrSysMmbld	0..1	0..1	Identification of Instructing Participant (proprietary) This element must not be used at the same time as <BICFI>.	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtFr +++++Mmbld ++++++FinInstnId +++++++ClrSysMmbld +++++++Mmbld	Mmbld	1..1	1..1	Member Identification IID (=6n)	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtSch	PmtSch	0..1	0..1	Payment Search Criteria	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++PmtSch +++++TxId	TxId	0..n	0..1	Transaction Identification Only the SWIFT character set excluding spaces is permitted for this element. Only 16 characters permitted, must contain a digit 0 - 9 or a letter a - z or A - Z in the first position.	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch	AcctNtrySch	0..1	1..1	Account Search Criteria	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr	AcctOwnr	0..1	1..1	Account Owner Identifies the party submitting the query. Required for authorization checking.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult.	Mult.	Definition	Query Type specific Definition
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr ++++++Id	Id	0..1	1..1	Identification	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr ++++++Id ++++++OrgId	OrgId	1..1	1..1	Account Owner Identification Either<AnyBIC> or <Othr> must be used.	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr ++++++Id ++++++OrgId ++++++AnyBIC	AnyBIC	0..1	0..1	Identification of Account Owner (BIC) SWIFT address with 8 or 11 alphanumeric characters. This element must not be used at the same time as <Othr>. Must contain a valid value according to ISO 9362. Must contain a valid BIC of an active participant.	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr ++++++Id ++++++OrgId ++++++Othr	Othr	0..n	0..1	Identification of Account Owner (proprietary)	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard			
Message Item	XML Tag	Mult.	Mult.	Definition	Query Type specific Definition	
TxQryDef +TxCrit ++NewCrit +++SchCrit ++++AcctNtrySch +++++AcctOwnr ++++++Id +++++++OrgId +++++++Othr +++++++Id	Id	1..1	1..1	Member Identification IID (=6n), must be contained in the bank master data and active.		

Table 10: camt.005 – Transaction Query Definition (TxQryDef, B-Level)

4.2 Response message – Return Transaction (RtrTx, camt.006)

4.2.1 Message Header (MsgHdr, A-Level)

The "Message Header" (A-Level of the message) occurs exactly once in the message and contains the following elements:

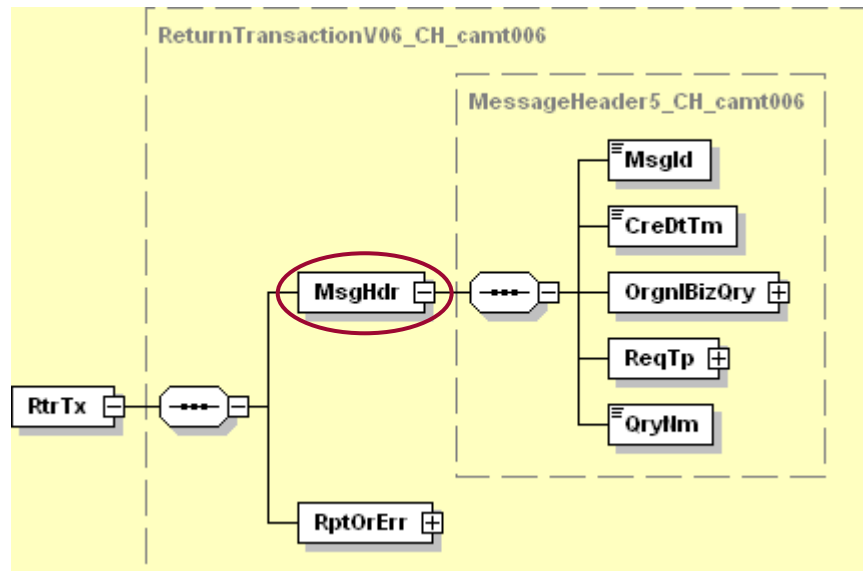


Figure 17: Message Header (MsgHdr)

The following table specifies all the elements of the "Message Header" of the "camt.006" message that are relevant in the context of the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
Document +RtrTx	RtrTx	1..1	1..1	
MsgHdr	MsgHdr	1..1	1..1	
MsgHdr +MsgId	MsgId	1..1	1..1	Message Identification Only the SWIFT character set excluding spaces is permitted for this element.
MsgHdr +CreDtTm	CreDtTm	0..1	1..1	Creation Date Time
MsgHdr +OrgnlBizQry	OrgnlBizQry	0..1	1..1	
MsgHdr +OrgnlBizQry ++MsgId	MsgId	1..1	1..1	Original Message Identification
MsgHdr +ReqTp	ReqTp	0..1	1..1	
MsgHdr +ReqTp ++Prtry	Prtry	1..1	1..1	
MsgHdr +ReqTp ++Prtry +++Id	Id	1..1	1..1	RTGS Code Fix "CSC" for SIC, "CEC" for euroSIC.
MsgHdr +QryNm	QryNm	0..1	1..1	Query Type Returns the query type specified in the query message. The following code is defined: STXQRY – Single transaction query

Table 11: camt.006 – Message Header (MsgHdr, A-Level)

4.2.2 Report or Error (RptOrErr, B-Level)

The «Report or Error» (B-Level of the message) occurs exactly once in the message and contains the following elements:

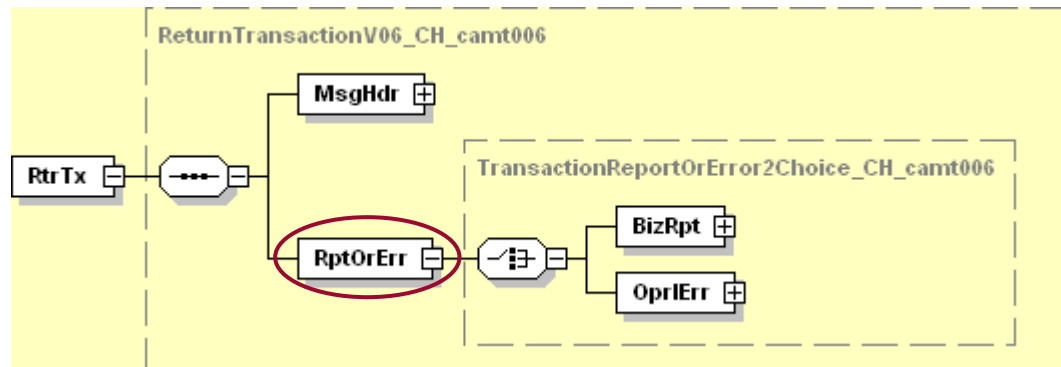


Figure 18: Report or Error (RptOrErr)

The following table specifies all the elements of the "Report or Error" of the "camt.006" message that are relevant in the context of the RTGS systems.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr	RptOrErr	1..1	1..1	Report or Error Either an element <BizRpt> returning transactions that matched the query criteria or an <OprlErr>element containing error information will be delivered.
RptOrErr +BizRpt	BizRpt (Or	1..1	1..1	Business Report The response message returns transactions matching the query criteria.
RptOrErr +BizRpt ++TxRpt	TxRpt	1..n	1..n	Transaction Report Transaction details for the returned payment
RptOrErr +BizRpt ++TxRpt +++PmtId	PmtId	1..1	1..1	Payment Identification
RptOrErr +BizRpt ++TxRpt +++PmtId ++++TxId	TxId	1..1	1..1	Transaction Identification
RptOrErr +BizRpt ++TxRpt +++TxOrErr	TxOrErr	1..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx	Tx	1..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo	PmtTo	0..1	1..1	Instructed Participant The returned participant identification will be identical to the type of identification used when the payment was submitted to the RTGS system.
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo ++++++Mmbld	Mmbld	0..1	1..1	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo +++++Mmbld +++++FinInstnId	FinInstnId	1..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo +++++Mmbld +++++FinInstnId +++++BICFI	BICFI	0..1	0..1	Identification of Instructed Participant (BIC)
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo +++++Mmbld +++++FinInstnId +++++ClrSysMmbld	ClrSysMmbld	0..1	0..1	Identification of Instructed Participant (proprietary)
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo +++++Mmbld +++++FinInstnId +++++ClrSysMmbld +++++Mmbld	Mmbld	1..1	1..1	Member Identification

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo ++++++Mmbld +++++++FinInstnId +++++++Othr	Othr	0..1	0..1	Other Identification
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtTo ++++++Mmbld +++++++FinInstnId +++++++Othr +++++++Id	Id	1..1	1..1	Assigned Identification of the Instructed Participant Identification of the participant assigned by the RTGS system, when a concatenated identification or direct routing was used/applied.
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr	PmtFr	0..1	1..1	Instructing Participant The returned participant identification will be identical to the type of identification used when the payment was submitted to the RTGS system.
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr ++++++Mmbld	Mmbld	0..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr ++++++Mmbld +++++++FinInstnId	FinInstnId	1..1	1..1	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult.	Mult.	Definition	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr ++++++Mmbld +++++++FinInstnId +++++++BICFI	BICFI	0..1	0..1	Identification of Instructing Participant (BIC)	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr ++++++Mmbld +++++++FinInstnId +++++++ClrSysMmbld	ClrSysMmbld	0..1	0..1	Identification of Instructing Participant (proprietary)	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++PmtFr ++++++Mmbld +++++++FinInstnId +++++++ClrSysMmbld +++++++Mmbld	Mmbld	1..1	1..1	Member Identification	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Pmt	Pmt	0..1	1..1	Payment	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts	Sts	0..n	0..1	Status	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++Cd	Cd	0..1	1..1	Status Code
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++Cd +++++Prtry	Prtry	1..1	1..1	Status Code (proprietary) Status of the payment. The following codes are defined: VALD = validated STLD = settled CAND = cancelled If the status code is "CAND", additional information about the reason will be provided within the <Rsn> element.
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++DtTm	DtTm	0..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++DtTm +++++DtTm	DtTm	1..1	1..1	Transaction Status Timestamp Timestamp indicating the time when the current status of the transaction was assigned by the RTGS system (settlement, cancellation or input timestamp).

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++Rsn	Rsn	0..n	0..1	Cancellation Reason Information Only provided for status code "CAND".
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Sts +++++Rsn +++++Prtry	Prtry	1..1	1..1	Cancellation Details Code to qualify the cancellation. The following values are defined: PTTDY = Cancelled manually in wait file value date today PTPVQ = Cancelled manually in wait file pre-value date SYLTE = Cancelled due to cut-off (in euroSIC only) SYDBC = Cancelled due to IID deletion DPACS = Cancelled in wait file due to individual settlement or debit stop DPLOF = Cancelled in wait file due to insufficient balance
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++IntrBkSttlmAmt	IntrBkSttlmAmt	0..1	1..1	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++IntrBkSttlmAmt +++++AmtWthCcy	AmtWthCcy	1..1	1..1	Settlement Amount
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Purp	Purp	0..1	0..1	Payment Code Defines the original business transaction for use case "compensation payment". For valid code values, see "Swiss RTGS Handbook".

ISO 20022 Standard			Swiss ISO 20022 Payments Standard		
Message Item	XML Tag	Mult.	Mult.	Definition	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++PmtMtd	PmtMtd	0..1	0..1	Payment Type/Use Case	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++PmtMtd +++++Prtry	Prtry	1..1	1..1	Payment Type/Use Case (proprietary)	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Prty	Prty	0..1	0..1		
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++Prty +++++Prtry	Prtry	1..1	1..1	Settlement Priority The following 3 levels of priority are defined: NORM = Normal priority, lowest level HIGH = High priority, medium level URGT = Urgent priority, highest level.	
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++InstrCpy	InstrCpy	0..1	0..1	Instruction Copy The original input payment message (in the message standard delivered to the RTGS system) will be returned within a CDATA section. This element is only provided in the response to a single transaction query.	

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++Pmt +++++IntrBkSttlmDt	IntrBkSttlmDt	0..1	0..1	Settlement Date Requested settlement date
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry	AcctNtry	0..1	1..1	Account Entry
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Acct	Acct	1..1	1..1	Settlement Account Information
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Acct +++++Id	Id	1..1	1..1	Settlement Account Identification
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Acct +++++Id +++++Othr	Othr	1..1	1..1	Other Identification

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Acct +++++Id +++++Othr +++++Id	Id	1..1	1..1	Settlement Account This element will always contain the value "NOTPROVIDED".
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Ntry	Ntry	0..1	0..1	Entry Information
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Ntry +++++Dt	Dt	0..1	0..1	Entry Date
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Ntry +++++Dt +++++DtTm	DtTm	1..1	1..1	Entry Date Information

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult.	Mult.	Definition
RptOrErr +BizRpt ++TxRpt +++TxOrErr ++++Tx +++++AcctNtry +++++Ntry +++++AddtlNtryInf	AddtlNtryInf	0..n	0..3	Additional Entry Information Each additional information is provided in a separate instance of the element. Each occurrence starts with a 3-character code followed by a "/" and the appended information. A maximum of 3 instances may be provided: OIM/ + Original Input Message Type (pacs.00x, camt.050, SIC MT xxx, FIN MTxxx) CS1/ + 1 (for cover payments received between CS 1 and CS 2) RSN/ + Cancellation text ("Cancelled by SIC" for SIC cancelled transactions)
RptOrErr +OprlErr	OprlErr Or}	1..n	1..1	Operational Error If the query can not be performed for any reason or no transaction matches the search criteria, an error will be returned.
RptOrErr +OprlErr ++Err	Err	1..1	1..1	Error
RptOrErr +OprlErr ++Err +++Prtry	Prtry	1..1	1..1	Error Code (proprietary) The reason for the error is specified by a proprietary error code. The following error codes are defined: NRSLT: No transactions matching the query NAUTH: No authorization for query QYINV: Invalid query criteria specified

Table 12: camt.006 – Report or Error (RptOrErr, B-Level)

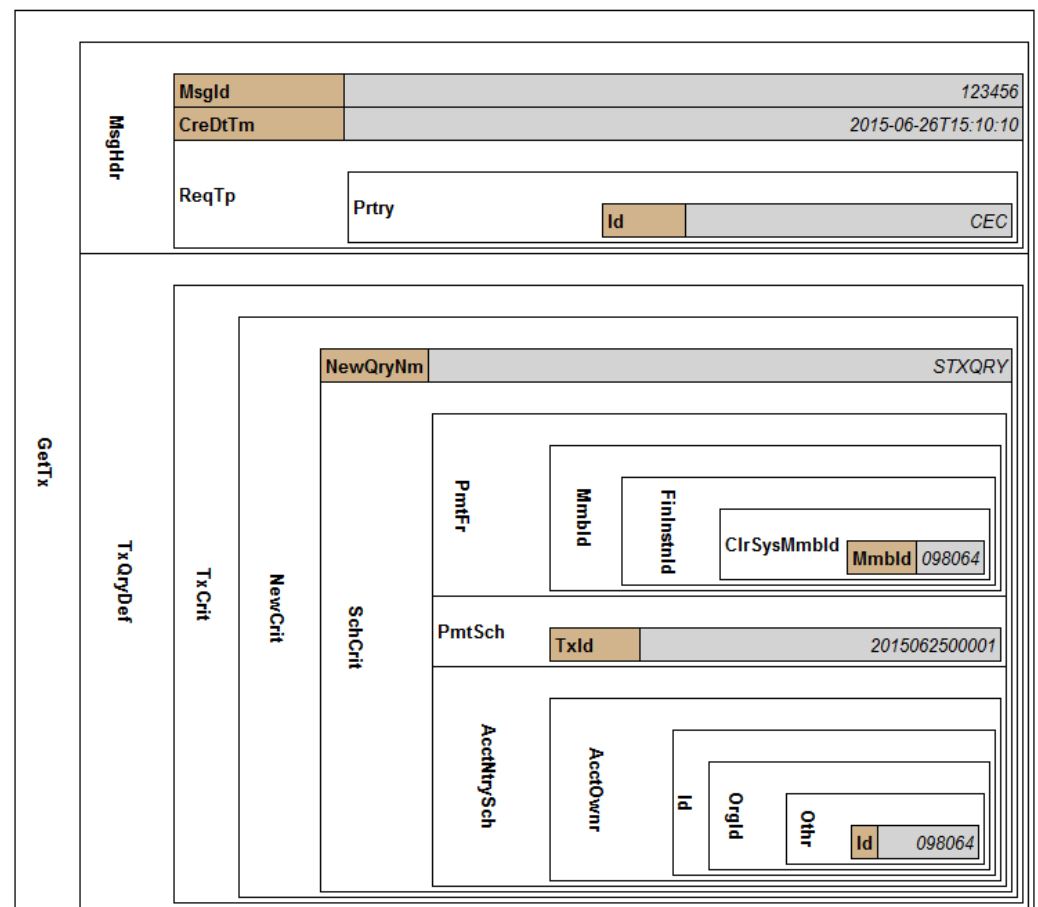
5 Examples

5.1 Single transaction query (STXQRY)

The example shows a query for a payment transaction submitted by the instructed participant.

Business element	Content
Message identification	123456
Creation date and time of the message	2015-06-26T15:10:10
RTGS code	CEC
Query type	STXQRY
Instructing participant	098064
Transaction identification being sought	2015062500001
Account authorized participant	098064

«camt.005» message for query type STXQRY

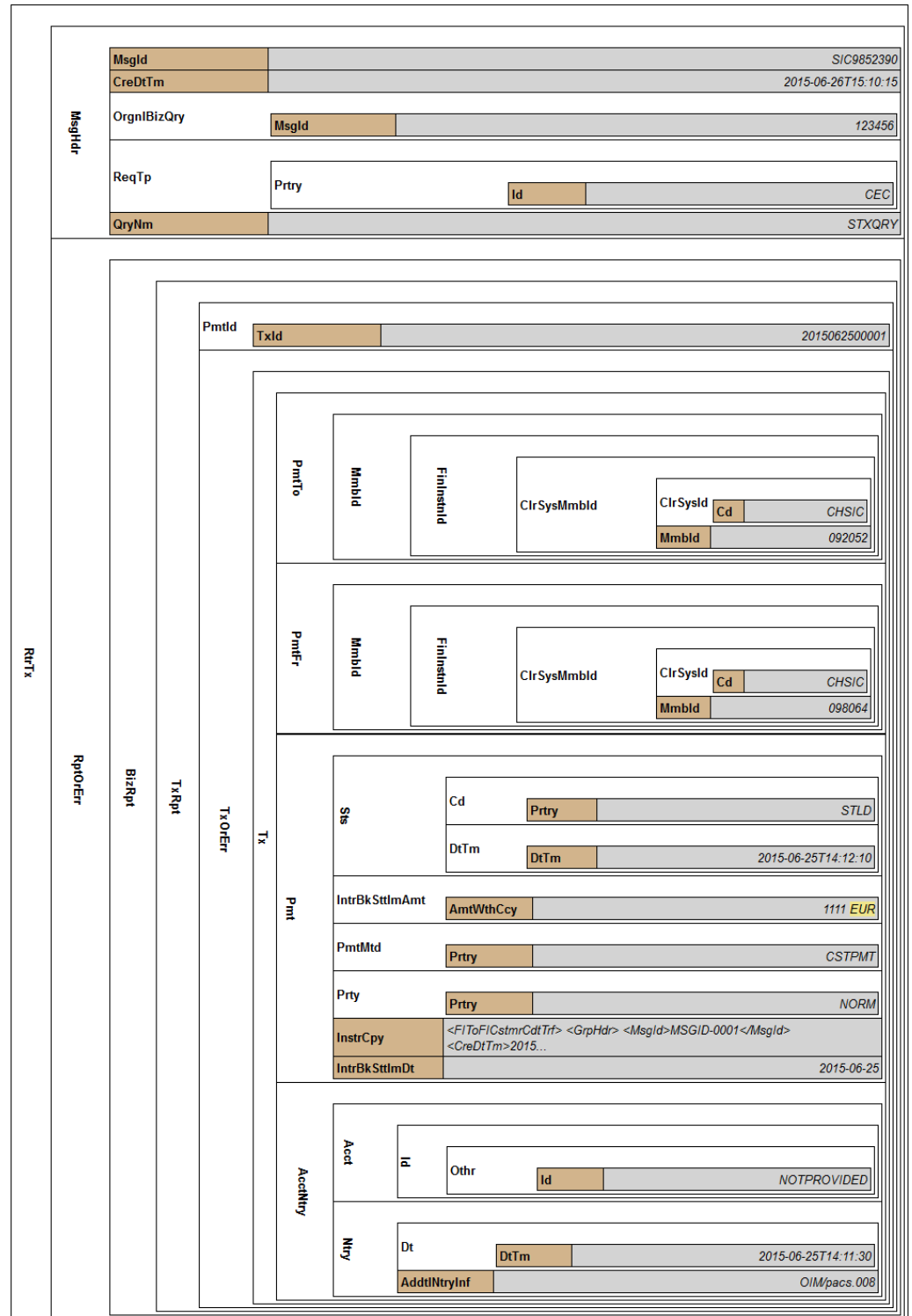


5.2 Response message to a single transaction query (camt.006)

This example shows the response message to a single transaction query as described in section 5.1.

Business element	Content
Message identification	SIC9852390
Creation date and time of the message	2015-06-26T15:10:15
RTGS code	CEC
Query message identification	123456
Query type	STXQRY
Instructing participant	098064
Instructed participant	092052
Payment status	STLD
Settlement date and time	2015-06-25T14:12:10
Settlement amount	1111.00
Currency	EUR
Payment type	CSTPMT
Settlement date	2015-06-25
Settlement priority	NORM
Submission date and time	2015-06-25T14:11:30
Message type of the submitted message	pacs.008
Transaction identification being sought	2015062500001
Copy of the submitted original message	Copy of the submitted message in the ISO 20022 message standard

Response message "camt.006" to the STXQRY query type



For XML version of the example see Appendix A.

Appendix A: XML schemas and examples

XML schemas

The XML schema for "camt.005" for the the RTGS systems

- ***camt.005.001.06.ch.02.xsd***

and the XML schema for "camt.006" for the the RTGS systems

- ***camt.006.001.06.ch.01.xsd***

are published on the SIX Interbank Clearing Ltd website.

They should preferably be opened using specific XML software.

Examples

The examples shown in section 5 are published on the SIX Interbank Clearing Ltd website as XML files:

- ***camt_005_Beispiel_STYQRY.xml***
- ***camt_006_Beispiel_STXQRY.xml***

Validation Portal

The above mentioned example messages as well as this implementation guideline, the XML schema and additional examples can also be downloaded from the SIC & euroSIC Validation Portal Interbank Messages (<https://validation.iso-payments.ch/SIC4>).

After successful registration users can upload their own messages and have them validated against this implementation guideline.

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