



# Implementation Guidelines for ISO 20022 Interbank Messages

SIC and euroSIC

Settlement Order Modification (camt.007)

Version 2.0, valid from 18 November 2022

## Change history

All the changes carried out in this document are listed below with the version number, 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	30.11.2021	Complete revision due to update of ISO 20022 version 2019	All
		New "Introduction" chapter (replaces and includes the previous "Overview of the documentation structure" chapter and annexes).	1
		New ISO 20022 schema version	1, 2
		Change the definition from SWIFT MX to ISO 20022	2
		Revision of "Technical specifications for the RTGS systems": <ul style="list-style-type: none"> <li>• New generic definition for BICs (editorial adjustment, affects all &lt;BICFI&gt; elements)</li> <li>• &lt;InstgAgt&gt;/&lt;InstdAgt&gt;: sub-element .../FinInstnId/ClrSysMmbId/ClrSysId/Prtry removed from the schema</li> <li>• Element .../Mod/PmtId/LngBizId/PmtMtd/Prtry is now mandatory for unique identification of the clearing system</li> </ul>	4
1.4	28.02.2020	Last edition based on previous ISO 20022 version status	
1.0	21.03.2016	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 is for the message type "camt.007" – 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 using 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.

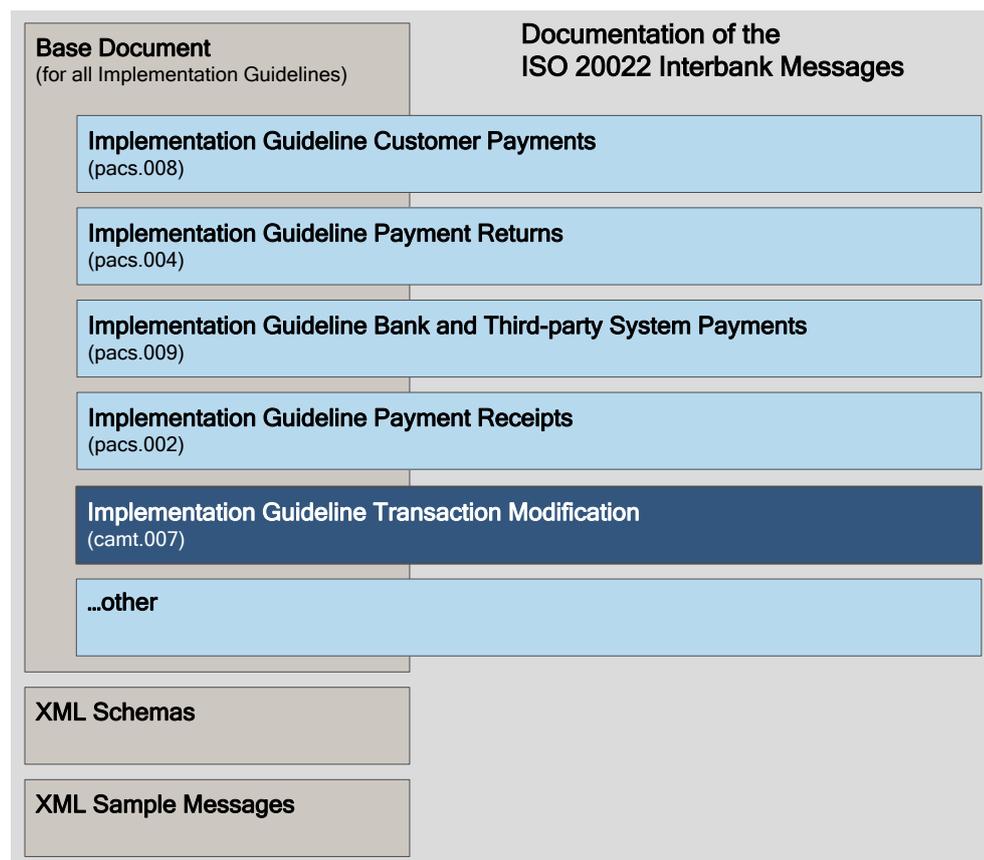


Figure 1: Documentation structure for message type "camt.007"

## 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.007" for the RTGS systems

- *camt.007.001.08.ch.01.xsd*

is published on the SIX Interbank Ltd website [www.iso-payments.ch](http://www.iso-payments.ch).

It should preferably be opened using for-purpose 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.

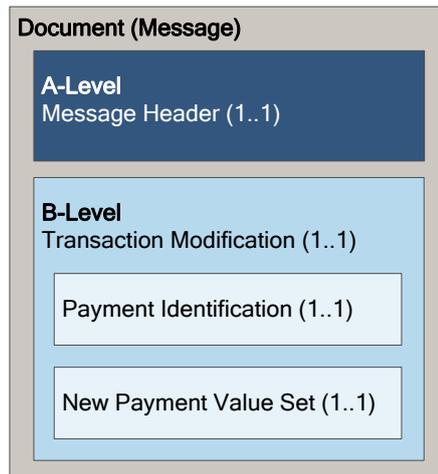
## 1.6 Reference documents

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

## 2 ISO definitions

The "Modify Transaction" message (camt.007) is sent from the participant to the RTGS systems to alter the priority of an as yet unsettled payment in the wait file and/or to place the next payment that is due for settlement to the end of the wait file.

The "Modify Transaction" message is based on the ISO 20022 XML schema "camt.007.001.08".



The "camt.007" message is essentially structured as follows:

- **A-level:** Message level, "*Message Header*" element. This block must occur exactly once.
- **B-level:** Transaction level, "*Transaction Modification*" element. This block must occur exactly once. It contains the details for the payment that is to be modified ("*Payment Identification*" element) and the details of the modification ("*New Payment Value Set*" element).

Figure 2: Basic message structure of the "camt.007" message

## 3 Business specifications for the RTGS systems

### 3.1 General

The "camt.007" message is used in the following use cases:

Use case	Input/Output	ISO/MX message
Settlement order modification	I	camt.007

Table 1: Use cases for "camt.007" in the RTGS systems

The "Input/Output" column in the table indicates whether the message was created by the participant (I) or by the RTGS systems (O).

### 3.2 Modification types

With this use case, the participant can, by giving the transaction reference for any payment

- alter the priority of any credit transfer that has not yet been settled. This simultaneously places the credit transfer at the end of the wait file for the new priority. The new priority should be shown in the `.../Mod/NewPmtValSet/Prty/Prtry` element.
- move the next payment that is due to be settled to the end of the wait file for that priority.

### 3.3 References in the "Modify Transaction" message (camt.007)

Two references are sent in the "camt.007" message:

A-level: *MsgHdr/MsgId* – unique message identification for the "camt.007" message

B-level: *Mod/PmtId/LngBizId/TxId* – transaction reference of the message to be modified

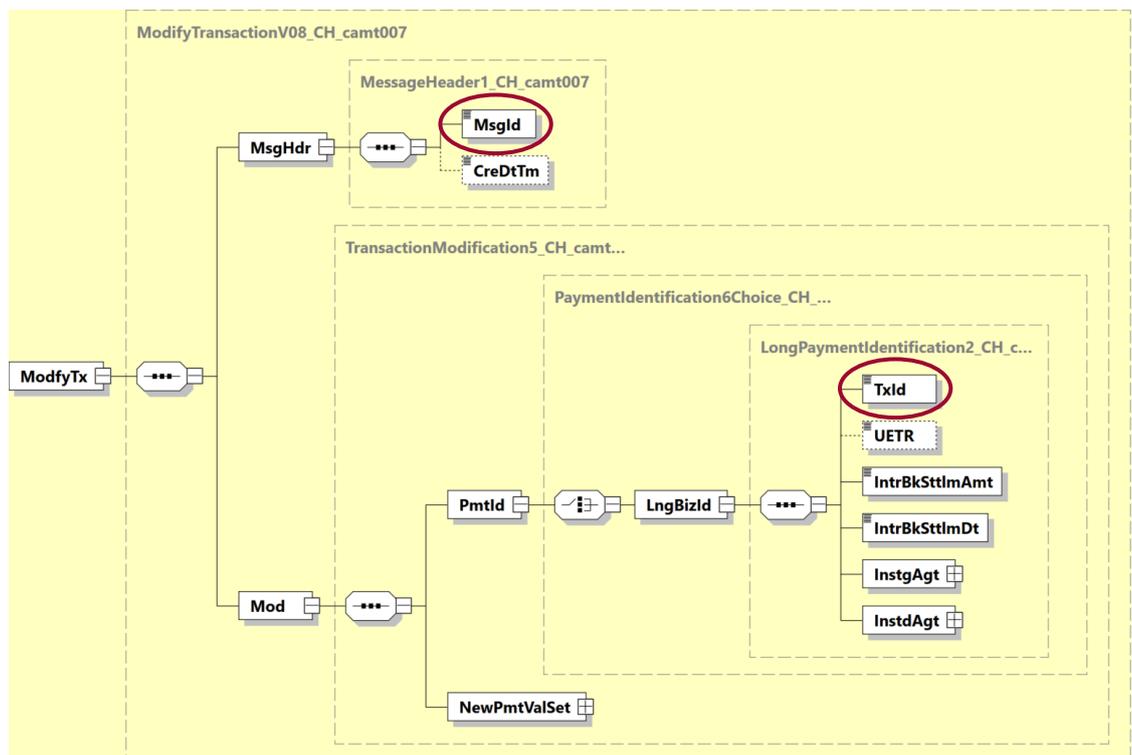


Figure 3: References in the "camt.007" message

### 3.4 Addressing "Institutions"

#### Instructing Agent/Instructed Agent (Sender/receiver of the message)

- Addressing using the SIC IID or BIC
- The following elements can be used:
  - BIC: *.../FinInstnId/BIC*
  - SIC IID: *.../FinInstnId/ClrSysMmbId/MmbId*  
(Format: 6 digits numerical i.e. only digits 0 – 9)
- The sub-elements *.../FinInstnId/BIC* and *.../FinInstnId/ClrSysMmbId* must not be used at the same time.
- The method of addressing the institutions (SIC IID or BIC) must be the same as the method of addressing in the message to be modified.
- Instructing Agent: For modifications submitted by one participant on behalf of another participant, the *.../FinInstnId/Othr/Id* element must also have the SIC-IID of the instructed institution filled in.



### **3.5 Further business specifications**

Further business specifications can be found in the Base document.

## 4 Technical specifications for the RTGS systems

### 4.1 Message Header (MsgHdr, A-level)

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

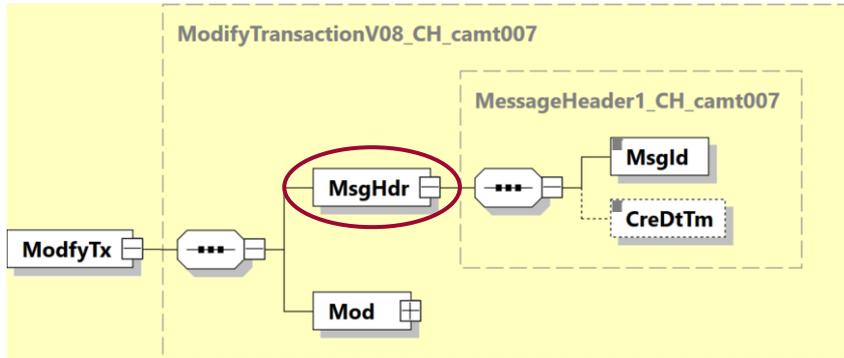


Figure 4: Message Header (MsgHdr)

The following table specifies all the elements of the "Message Header" of the "camt.007" 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 +Modify Transaction V08	ModfyTx	1..1	1..1	
Message Header	MsgHdr	1..1	1..1	
Message Header +Message Identification	MsgId	1..1	1..1	<b>Message Identification</b> Only the restricted character set for references (excluding spaces) is permitted for this element.
Message Header +Creation Date Time	CreDtTm	0..1	0..1	<b>Creation Date Time</b>

Table 2: Message Header (MsgHdr, A-level)

## 4.2 Transaction Modification (Mod, B-level)

The "Transaction Modification" (B-level of the message) contains the information to identify the payment that is to be modified.

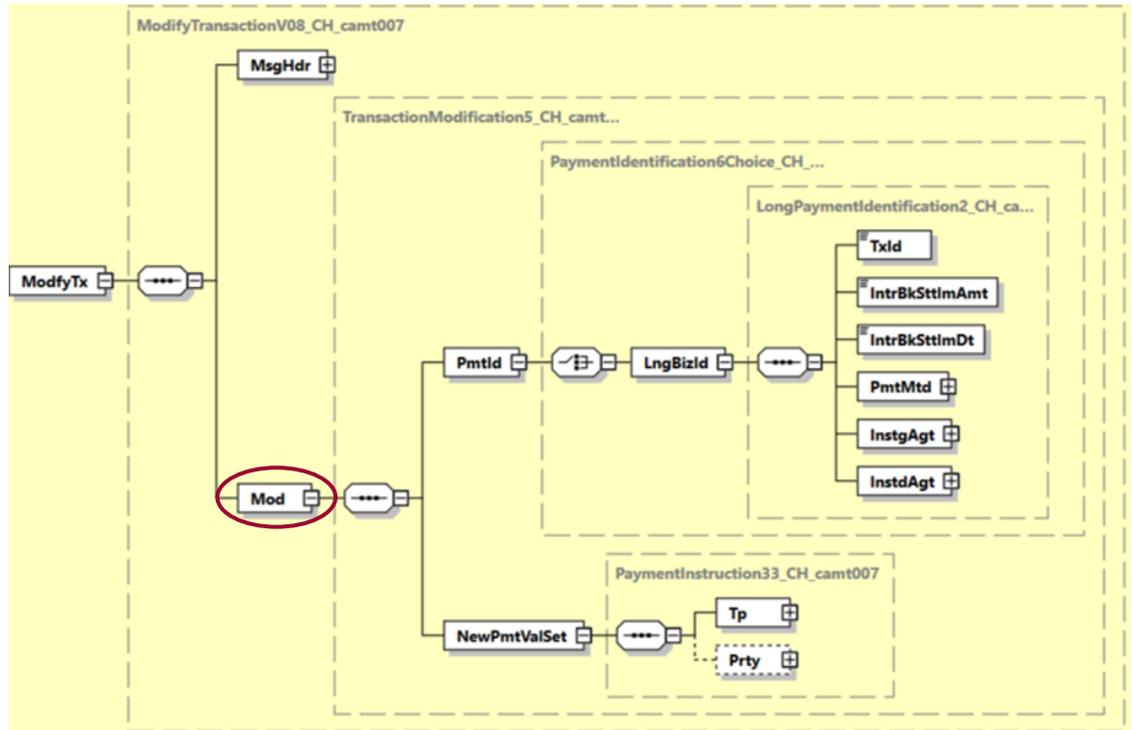


Figure 5: Transaction Modification (Mod)

The following table specifies all the elements of the "Transaction Modification" of the "camt.007" 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
Modification	Mod	1..n	1..1	
Modification +Payment Identification	PmtId	1..1	1..1	
Modification +Payment Identification ++Long Business Identification	LngBizId	1..1	1..1	
Modification +Payment Identification ++Long Business Identification +++Transaction Identification	TxId	0..1	1..1	<b>Transaction Identification</b> Transaction identification of the message to be modified.
Modification +Payment Identification ++Long Business Identification +++Inter Bank Settlement Amount	IntrBkSttlmAmt	1..1	1..1	<b>Settlement Amount</b> Must be the same as the settlement amount of the payment to be modified.
Modification +Payment Identification ++Long Business Identification +++Inter Bank Settlement Date	IntrBkSttlmDt	1..1	1..1	<b>Requested Settlement Date</b> Must be the same as the requested settlement date of the payment to be modified.
Modification +Payment Identification ++Long Business Identification +++Payment Method	PmtMtd	0..1	1..1	
Modification +Payment Identification ++Long Business Identification +++Payment Method ++++Proprietary	Prtry	1..1	1..1	<b>Clearing System Identification (proprietary)</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
Modification +Payment Identification ++Long Business Identification +++Instructing Agent	InstgAgt	1..1	1..1	<b>Instructing Participant</b> The type of identification that is submitted (BIC/SIC IID) must be the same as the type of identification used in the message to be modified.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult	Mult	Definition
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification	FinInstnId	1..1	1..1	<b>Financial Institution Identification</b>
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++BICFI	BICFI	0..1	0..1	<b>Identification of Instructing Participant (BIC)</b> Only a valid published BIC (Business Identifier Code) is permitted. BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous alphanumeric characters.  This element must not be used at the same time as <ClrSysMmbId>.
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	<b>Identification of Instructing Participant (proprietary)</b> This element must not be used at the same time as <BICFI>.
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Clearing System Member Identification +++++Clearing System Identification	ClrSysId	0..1	0..1	<b>Clearing System Identification</b> Must be used to unambiguously identify the address type.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult	Mult	Definition
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Clearing System Member Identification ++++++Clearing System Identification ++++++Code	Cd	1..1	1..1	<b>Clearing System Identification (code)</b> Permitted ISO code value: CHSIC (SIC IID (=6n)).
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Clearing System Member Identification ++++++Member Identification	MmbId	1..1	1..1	<b>Member Identification</b> SIC IID (=6n)
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Other	Othr	0..1	0..1	
Modification +Payment Identification ++Long Business Identification +++Instructing Agent ++++Financial Institution Identification +++++Other ++++++Identification	Id	1..1	1..1	<b>Identification of the Instructing Participant (on behalf)</b> Modification is carried out on behalf of another participant. Must contain the SIC IID of the participant instructed to do so. Modification by the paying participant of the original message: Must not be used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult	Mult	Definition
Modification +Payment Identification ++Long Business Identification +++Instructed Agent	InstdAgt	1..1	1..1	<b>Instructed Participant</b> The type of identification that is submitted (BIC/SIC IID) must be the same as the type of identification used in the message to be modified.
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification	FinInstnId	1..1	1..1	<b>Financial Institution Identification</b>
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification +++++BICFI	BICFI	0..1	0..1	<b>Identification of Instructed Participant (BIC)</b> Only a valid published BIC (Business Identifier Code) is permitted. BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous alphanumeric characters.  This element must not be used at the same time as <ClrSysMmbId>.
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification +++++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	<b>Identification of Instructed Participant (proprietary)</b> This element must not be used at the same time as <BICFI>.
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification +++++Clearing System Member Identification +++++Clearing System Identification	ClrSysId	0..1	0..1	<b>Clearing System Identification</b> Must be used to unambiguously identify the address type.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult	Mult	Definition
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification +++++Clearing System Member Identification ++++++Clearing System Identification +++++++Code	Cd	1..1	1..1	<b>Clearing System Identification (code)</b> Permitted ISO code value: CHSIC (SIC IID (=6n)).
Modification +Payment Identification ++Long Business Identification +++Instructed Agent ++++Financial Institution Identification +++++Clearing System Member Identification ++++++Member Identification	MmbId	1..1	1..1	<b>Member Identification</b> SIC IID (=6n)
Modification +New Payment Value Set	NewPmtValSet	1..1	1..1	
Modification +New Payment Value Set ++Type	Tp	0..1	1..1	
Modification +New Payment Value Set ++Type +++Proprietary	Prtry	1..1	1..1	<b>Modification Type (proprietary)</b> The following code has to be used: SEQMOD - Modification of position in wait file / Modification of priority
Modification +New Payment Value Set ++Priority	Prty	0..1	0..1	<b>Priority</b> If the element is not used, then the payment will be put at the end of the wait file with the same priority. If the element is delivered, it will be put at the end of the indicated wait file.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard	
Message Item	XML Tag	Mult	Mult	Definition
Modification +New Payment Value Set ++Priority +++Proprietary	Prtry	1..1	1..1	<b>Settlement priority</b> The following 3 levels of priority may be used: NORM = Normal priority, lowest level HIGH = High priority, medium level URG = Urgent priority, highest level

Table 3: Transaction Modification (TxQryDef, B-level)