



Instant Payments Implementation Guidelines for ISO 20022 Interbank Messages

SIC IP Service

IP Status Report (pacs.002)

Version 2.1, valid from November 2023

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
2.1	31.03.2023	Update, valid from November 2023	
		Clarification under Notes in chapter "OK Acknowledgement [OKA002]" (addition of the attributes which must match the acknowledged message for a successful acknowledgement)	3.1.1
		Additions for usage pacs.002 in relation to use case "IP liquidity distribution System Manager" in chapters "OK Acknowledgement [OKA002]" (under Notes), "IP Execution Confirmation [EXC002]" and in the elements <i>.../TxInfAndSts/OrgnlTxRef/DbtrAcct</i> and <i>.../CdtrAcct</i>	3.1.1 3.1.5 4.4
		Chapter "Further business-related definitions": Updated reference to SIC platform release 4.10 (previously: release 4.9)	3.6
		Element <i>.../TxInfAndSts/OrgnlUETR</i> : Note added for handling in messages from SIC IP service to participant (clarification, alignment with SIC RTGS service)	4.3
		Elements <i>.../TxInfAndSts/OrgnlTxRef/DbtrAcct</i> und <i>.../TxInfAndSts/OrgnlTxRef/CdtrAcct</i> : Elements take over previous contents from <i>.../DbtrAgtAcct</i> and <i>.../CdtrAgtAcct</i> for type EXC002 (delivery of the settlement accounts involved in a "Transfer payment from the SIC IP Service", harmonization of used elements with original message pacs.009)	4.4
2.0	20.10.2022	Editorial update to the final document version, valid from November 2023 (removal of annotation "Stable working version", no functional changes)	
1.1	20.05.2022	Update (stable working version)	
		New CH schema version pacs.002.001.10.ch.02.xsd (details according to separate document "Overview and Change Log for the XML schemas")	1.4
		Editorial revision of introductory description in chapter "3.1" including addition of code values in the <ClrSysRef> element	3.1
		Term "always" added to code value usage in element "Transaction Status" for all 6 types of status report (clarification)	3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6
		Addition to "OK Acknowledgement [OKA002]", for which underlying messages this type of status report is used (clarification)	3.1.1
		For an "IP return (pacs.004)", an "IP Execution Confirmation [EXC002]" (previously: "OK Acknowledgement [OKA002]") is created for the positive case analogous to the pacs.008/009. Consequently, an "OK Acknowledgement [OKA002]" is supported exclusively with status ACCP (previously: ACCP or ACWC)	3.1.1, 3.1.5
		Addition of permitted ISO 20022 code values for "Negative IP Feedback [NEG002]"	3.1.4

		Addition to "IP Execution Confirmation [EXC002]", in which cases the clearing day of final settlement differs from the requested settlement date of the original payment (clarification)	3.1.5
		Error codes reference revised to reflect the SIC IP Service Handbook (previously: SIC / euroSIC Handbook).	3.4
		Revision of "Technical specifications": <ul style="list-style-type: none"> .../TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId: Addition of permissible values depending on the type of status report (clarification) .../TxInfAndSts/StsRsnInf/Rsn and .../StsRsnInf/AddtlInf: Change the usage of OKA002 to "Not used" due to removal of status ACWC (including removal of type specific definitions OKA002 on sub-elements of .../Rsn) .../TxInfAndSts/TxSts: Deletion of status ACWC for OKA002 .../TxInfAndSts/OrgnlTxId: new element (mistakenly omitted in previous version) 	4.3
		<ul style="list-style-type: none"> .../TxInfAndSts/StsRsnInf/Rsn/Cd: <ul style="list-style-type: none"> NEG002: Addition of permitted ISO 20022 code values CNC002: Definition revised for code value ED05 (now "...despite a positive IP feedback" was previously incorrect as "...due to missing or delayed positive IP feedback") .../TxInfAndSts/StsRsnInf/Rsn/Prtry: Error code reference revised to reflect the SIC IP Service Handbook, usage of OKA002 changed to "Not used" due to deletion of status ACWC .../TxInfAndSts/ClrSysRef: new element for the code value of the type of Status Report (see also chapter 3.1) 	
1.0	07.12.2021	First edition (stable working version)	All

Table 1: Change history

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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 Instant Payments Implementation Guidelines consist of several module documents – one for each ISO 20022 message type, this document for the message type "pacs.002" – with message-specific information including information on the application-specific handling of individual elements. They specify the message types defined in the ISO 20022 message standard to be delivered to the SIC IP service or delivered by them.

This Implementation Guideline is part of the specifications required for the operation of the SIC IP service and describes the use of the ISO 20022 message "pacs.002" for the launch of the SIC IP service as of November 2023.

1.2 Target audience

The "Implementation Guidelines for ISO 20022 Interbank Messages" are addressed to all participants of the SIC IP service.

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 "pacs.002" for the SIC IP service is identical to that for the SIC RTGS service, and is published on the www.iso-payments.ch website:

- ***pacs.002.001.10.ch.02.xsd***

It should preferably be opened using specialized XML software.

1.5 Reference documents

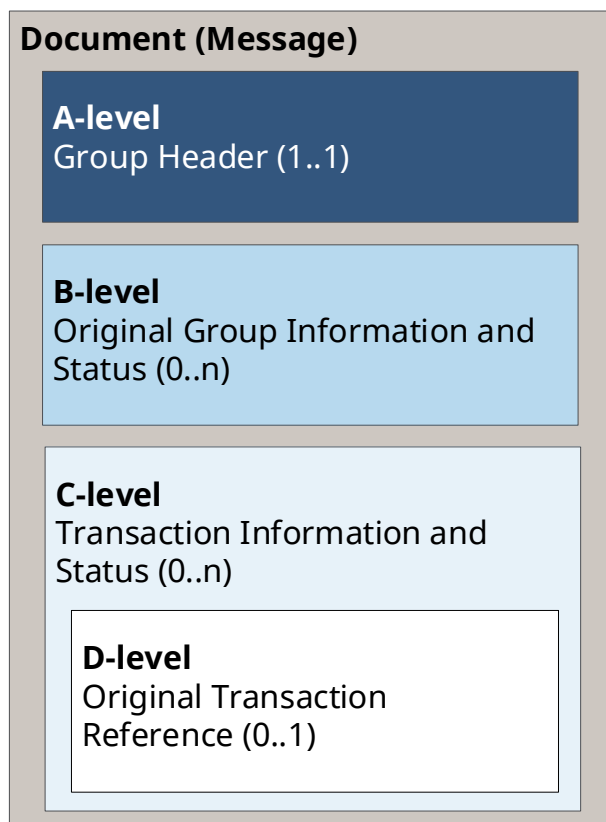
Information about participation and the functions of the SIC IP service are available in the "**SIC IP Service Handbook**".

2 ISO definitions

The message "FI to FI Payment Status Report" (pacs.002) is used in message traffic between the SIC IP service and the participants of the SIC IP service for the following purposes:

- Acknowledgement (OK or NOK acknowledgement) of messages received between the SIC IP service and the participants
- "Positive IP Feedback" from the instructed participant to the SIC IP service for a received "IP customer payment (pacs.008)"
- "Negative IP Feedback" from the instructed participant to the SIC IP service for a received "IP customer payment (pacs.008)"
- "IP Execution Confirmation" of a settled payment from the SIC IP service to the participant
- "IP Cancellation Information" about a cancelled payment from the SIC IP service to the participant

It is based on the ISO 20022 XML schema "pacs.002.001.10".



The "pacs.002" message is essentially structured as follows:

- **A-level:** Message level, "*Group Header*" element. This block must occur exactly once.
- **B-level:** Group information and status level, "*Original Group Information and Status*" element. This block is optional and can occur n times in the ISO definition. It is not used in the SIC IP service.
- **C-level:** Transaction information and status level, "*Transaction Information and Status*" element. This block is optional and can occur n times in the ISO definition. In the SIC IP service, this block is only permitted once and is mandatory.
- **D-level:** Original transaction level, "*Original Transaction Reference*" element. This block can be present once. In the SIC IP service, this block is only used for acknowledgements to the sender of the original message.

Figure 1: Basic message structure of the "pacs.002" message

3 Business specifications

3.1 Differentiating the several types of Status Report

There are 6 different types of Status Report:

Code value	Type of Status Report
OKA002	OK Acknowledgement
NOK002	NOK Acknowledgement
POS002	Positive IP Feedback
NEG002	Negative IP Feedback
EXC002	IP Execution Confirmation
CNC002	IP Cancellation Information

Table 2: Types of Status Report

Note: Codes are referenced in chapter 4 "Technical specifications" to indicate the field-specific rules that apply to each type of Status Report.

To enable correct, type-specific definition and validation, a corresponding code value is provided in the `.../TxInfAndSts/ClrSysRef` element for classification.

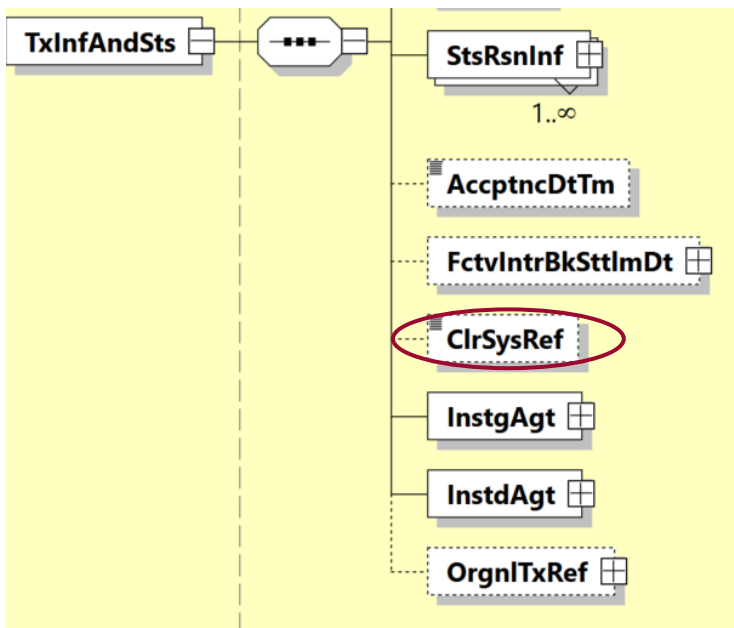


Figure 2: Specifying the type of Status Report in the "pacs.002" message

Operational details about the various types of Status Report are provided in the "**SIC IP Service Handbook**", chapter 5 "How the SIC IP Service Works". The most important distinguishing features of the different types of status report are detailed below.

3.1.1 OK Acknowledgement [OKA002]

- Used for positive acknowledgement of an underlying message, from the participant to the SIC IP service, as well as from the SIC IP service to the participant.
- From the participant to the SIC IP service: messages delivered to the participant for the use cases "IP return" (pacs.004), "Status request IP return request" (pacs.028) and "Transfer payment to SIC IP service" (pacs.009, only affects the system manager) must be acknowledged with an OK acknowledgement. Therefore, only the values "pacs.004", "pacs.028" or "pacs.009" can appear in the *"Original Message Name Identification"* element.

Notes:

The value "pacs.008" must not be used in the *"Original Message Name Identification"* element. An "IP customer payment (pacs.008)" must not be answered with an OK acknowledgement, but with either a "Positive IP Feedback [POS002]" or a "Negative IP Feedback [NEG002]".

For a successful OK acknowledgement to the SIC IP service, the following element contents must match the corresponding attributes of the acknowledged message:

- *TxInfAndSts/OrgnlGrpInf/OrgnlMsgId* (message identification of the original message)
- *TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId* (message type of the original message)
- *TxInfAndSts/OrgnlTxId* (transaction reference of the original message)
- *TxInfAndSts/InstgAgt* (instructing agent of the original message)

- From the SIC IP service to the participant: messages submitted by the participant with the use cases "Status request IP customer payment (pacs.028)" and "Status request IP return request (pacs.028)" are always acknowledged by the SIC IP service with an OK acknowledgement in the positive case. Therefore, only the value "pacs.028" can appear in the *"Original Message Name Identification"* element.

Notes:

Payments submitted by the participant with the use cases "IP customer payment (pacs.008)", "IP return (pacs.004)", "Transfer payment from the SIC IP service (pacs.009)" and "IP liquidity distribution System Manager (pacs.009)" are not answered by the SIC IP service with an OK acknowledgment in the positive case, but with an "IP Execution Confirmation [EXC002]" after settlement has completed.

- The *"Originator"* element contains the SIC IID of either the participant or of SIC Ltd, depending on the trigger of the OK acknowledgement.
- The *"Transaction Status"* element always contains the code value "ACCP".

3.1.2 NOK-Acknowledgement [NOK002]

- Used for negative acknowledgement of an underlying message, either from the participant to the SIC IP service, or from the SIC IP service to the participant.
- From the participant to the SIC IP service: Should only be sent in the event of an error during the authentication of the received message.
- From the SIC IP service to the participant: The received message has errors and cannot be processed or the received message cannot be validated. Details of the corresponding errors are provided in the *"Additional Information"* element.
- The *"Originator"* element contains the SIC IID of either the participant or of SIC Ltd, depending on the trigger of the NOK acknowledgement.
- The *"Transaction Status"* element always contains the code value "RJCT".
- The *"Reason"* element is filled with a 3-digit proprietary rejection reason.

3.1.3 Positive IP Feedback [POS002]

- Used for a confirmation from the instructed participant to the SIC IP service that the received "IP customer payment (pacs.008)" has been accepted and the funds are provided to the payment recipient.
- The "*Original Message Name Identification*" element must contain the value "pacs.008".
- The "*Originator*" element must contain the SIC IID of the instructed participant.
- The "*Transaction Status*" element must always contain the code value "ACCP".

3.1.4 Negative IP Feedback [NEG002]

- Used for a rejection from the instructed participant to the SIC IP service of a received "IP customer payment (pacs.008)".
- The "*Original Message Name Identification*" element must contain the value "pacs.008".
- The "*Originator*" element must contain the SIC IID of the instructed participant.
- The "*Transaction Status*" element must always contain the code value "RJCT".
- The "*Reason*" element must contain a rejection reason in the form of an ISO 20022 code value. The following code values are permitted in the SIC IP service:

Code value	Code name according to the ISO 20022 External Code Set
AB05	TimeoutCreditorAgent
AB09	ErrorCreditorAgent
AC01	IncorrectAccountNumber
AG02	InvalidBankOperationCode
AM02	NotAllowedAmount
AM05	Duplication
MS02	NotSpecifiedReasonCustomerGenerated
MS03	NotSpecifiedReasonAgentGenerated
RC01	BankIdentifierIncorrect
RR01	MissingDebtorAccountOrIdentification
RR02	MissingDebtorNameOrAddress
RR03	MissingCreditorNameOrAddress
RR04	RegulatoryReason

Table 3: Valid codes for the "Reason" element

3.1.5 IP Execution Confirmation [EXC002]

- Used for a confirmation from the SIC IP service to the participant that a payment has been settled.
- The "IP Execution Confirmation" is created by the SIC IP service for payments with the use cases "IP Customer Payment (pacs.008)", "IP return (pacs.004)", "Transfer Payment from the SIC IP service (pacs.009)" and "IP liquidity distribution System Manager (pacs.009)". Therefore, the values "pacs.008", "pacs.004" or "pacs.009" can appear in the "*Original Message Name Identification*" element.
- The "*Originator*" element contains the SIC IID of the instructed participant if the underlying payment is an "IP customer payment (pacs.008)" which was settled with a "Positive IP response [POS002]". In all other cases, the SIC IID is that of SIC Ltd.
- The "*Transaction Status*" element always contains the code value "ACSC".
- The "*Effective Interbank Settlement Date*" element contains the settlement timestamp of the underlying payment under "*Date Time*".
- The "*Interbank Settlement Date*" element contains the clearing day on which the payment was settled. For the "IP Customer Payment (pacs.008)" and "IP return (pacs.004)" use cases, the clearing day of the final settlement confirmed by the SIC IP service differs from the requested settlement date in the original payment in the following cases:
 - a) In the original payment, a valid calendar date was specified which however does not correspond to a clearing day (e.g. Saturday/Sunday).
 - b) In the original payment, a clearing day that has already passed was specified (1 day in the past is permitted for requested settlement date).
 - c) The original payment was submitted shortly before the IP clearing day change, but finally settled by the SIC IP service after the IP clearing day change.

3.1.6 IP Cancellation Information [CNC002]

- Used as information from the SIC IP service to the participant that a payment has been cancelled.
- The "IP Cancellation Information" is created by the SIC IP service only for payments with the use cases "IP Customer Payment (pacs.008)" and "Transfer Payment from the SIC IP service (pacs.009)". Therefore, only the values "pacs.008" or "pacs.009" can appear in the "*Original Message Name Identification*" element.
- The "*Originator*" element contains the SIC IID of the instructed participant if the underlying "IP Customer Payment (pacs.008)" was cancelled due to a "Negative IP Feedback [NEG002]". In all other cases the SIC IID is that of SIC Ltd.
- The "*Transaction Status*" element always contains the code value "CANC".
- The "*Reason*" element contains a cancellation reason, delivered in the form of an ISO 20022 code value. In the case of a cancellation due to a "Negative IP Feedback [NEG002]", the rejection reason supplied by the instructed participant is copied by the SIC IP service into the "IP Cancellation Information [CNC002]".
- The "*Additional Information*" element contains the cancellation timestamp of the "IP customer payment (pacs.008)".

3.2 NOK Acknowledgements [NOK002] of invalidated messages

If a submitted message cannot be validated for technical reasons (e.g. message is blank, or not an XML message), it is acknowledged by the SIC IP service with a generic NOK message.

The element `.../TxInfAndSts/StsRsnInf/Rsn/Prtry` (Proprietary Reason of the Status Report) will be filled with the SIC error code "118".

At the same time, the following mandatory sub-elements of the `.../TxInfAndSts` block will be filled with the value "UNKNOWN":

Sub-element	Description
<code>OrgnlGrpInf/OrgnlMsgId</code>	Message identification of the original message
<code>OrgnlGrpInf/OrgnlMsgNmId</code>	Message type of the original message
<code>OrgnlTxId</code>	Transaction reference of the original message
<code>InstgAgt</code>	Instructing participant of the original message
<code>InstdAgt</code>	Instructed participant of the original message

Table 4: UNKNOWN sub-elements for a NOK acknowledgement

In addition, up to 930 characters of the message that was delivered can be returned in the `.../TxInfAndSts/StsRsnInf/AddtlInf` element.

Note about schema violations

If a submitted message cannot be validated due to a schema violation, the element `.../TxInfAndSts/StsRsnInf/Rsn/Prtry` is filled in with the SIC error code "221". Additional information in the `.../TxInfAndSts/StsRsnInf/AddtlInf` element will not be sent in this case or is filled with the value "n/a".

3.3 References in the Payment Status Report

Along the processing chain, various references are sent in the "pacs.002" message:

A-level: *GrpHdr/MsgId* – unique message identification for the "pacs.002" message

C-level: *TxInfAndSts/OrgnlGrpInf/OrgnlMsgId* – message identification for the underlying message

C-level: *TxInfAndSts/OrgnlTxId* – transaction reference for the underlying message

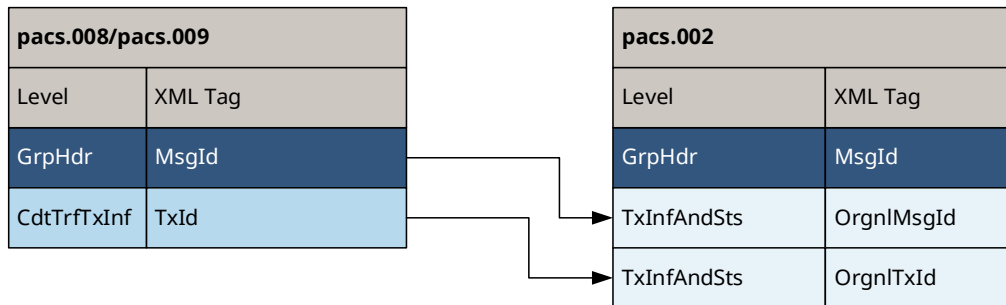


Figure 3: Mapping of references from "pacs.008/pacs.009" in the "pacs.002"

For an "IP return (pacs.004)", the *.../TxInf/RtrId* element contains the transaction reference of the payment return. This must be inserted accordingly in the *.../TxInfAndSts/OrgnlTxId* element of the IP Status Report (pacs.002).

For an "IP customer payment status query (pacs.028)", the *.../TxInf/StsReqId* element contains the transaction reference of the status query. This must be inserted accordingly in the *.../TxInfAndSts/OrgnlTxId* element of the IP Status Report (pacs.002).

3.4 Error codes

For a "NOK Acknowledgement [NOK002]", the "pacs.002" message uses the 3-digit error codes in accordance with the "SIC IP Service Handbook".

3.5 Naming of the parties

In a "pacs.002" message in the SIC IP service, both the participant being debited ("Instructing Agent") and the participant being credited ("Instructed Agent") from the underlying message are entered in the "Transaction Information and Status" at the C-level in the message.

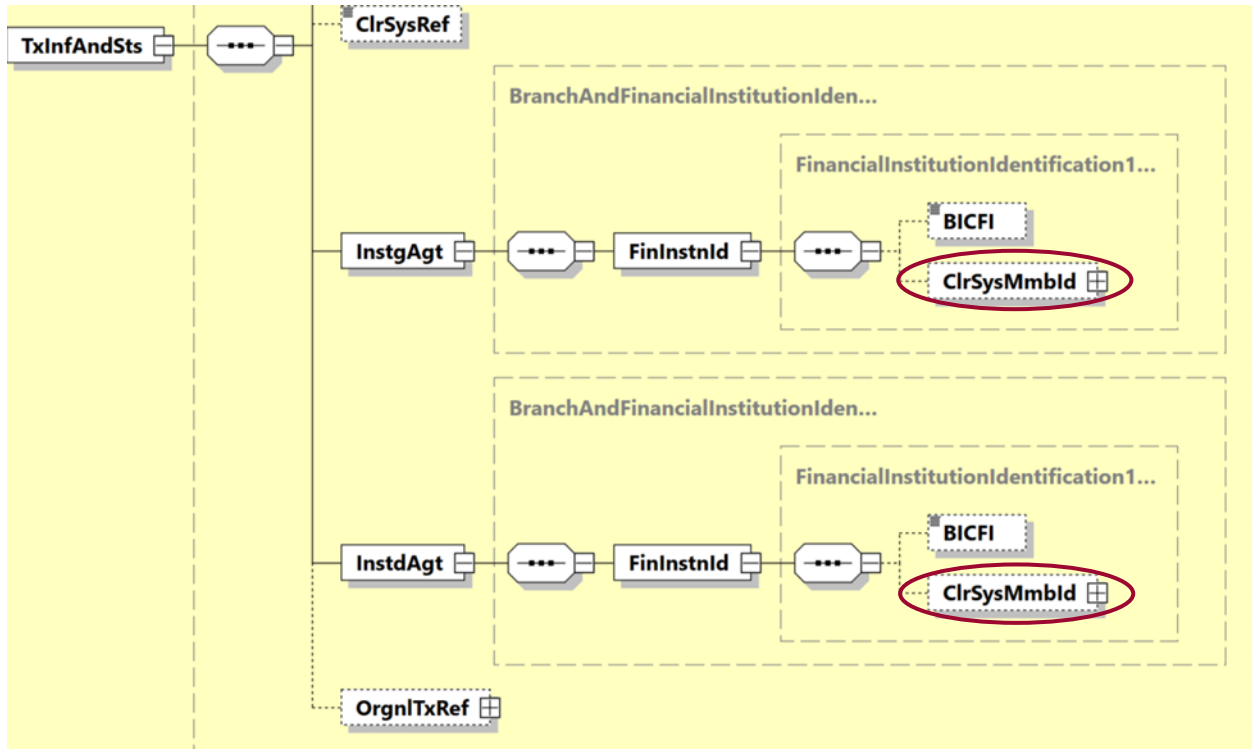


Figure 4: Specifying the participants

Participants are identified in the SIC IP service solely using the corresponding SIC IID.

The SIC IID is given as a 6-digit numerical value, i.e. only digits 0–9, in the `.../ClrSysMmbId/MmbId` element. The `.../ClrSysMmbId/ClrSysId/Cd` element must contain the value "CHSIC".

3.6 Further business-related definitions

Information on the ISO 20022 Implementation Guidelines of the SIC RTGS service as applicable to SIC/euroSIC, which underlie those of the SIC IP service, is published on the www.iso-payments.ch website. The messages used for the launch of the SIC IP service as of November 2023 are based on the SIC/euroSIC Implementation Guidelines as of SIC platform release 4.10 from 17 November 2023.

4 Technical specifications

4.1 Group Header (GrpHdr, A-level)

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

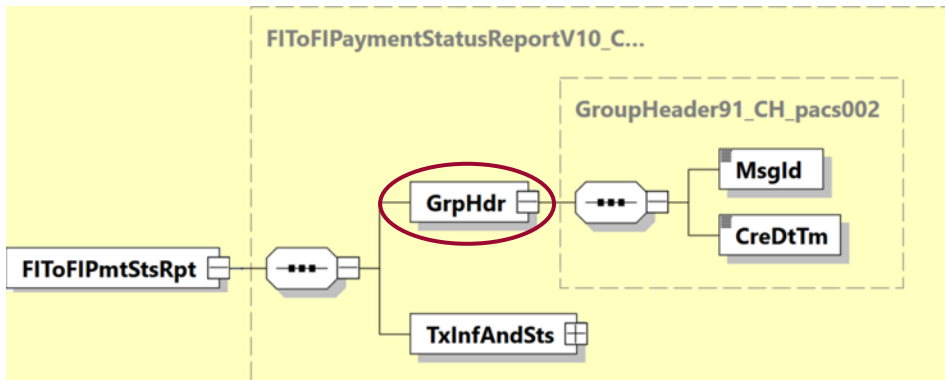


Figure 5: Group Header (GrpHdr)

The following table specifies all the elements of the "Group Header" of the "pacs.002" message that are relevant to the SIC IP service.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Document +FITo FIPayment Status Report V10	FIToFIPmtStsRpt	1..1	1..1	
Group Header	GrpHdr	1..1	1..1	
Group Header +Message Identification	MsgId	1..1	1..1	Message Identification Only the restricted character set for references (excluding spaces) is permitted for this element.
Group Header +Creation Date Time	CreDtTm	1..1	1..1	Creation Date Time Messages sent from participant to SIC IP service: The SIC IP service accepts two forms of representation of a time: 1. UTC time format (YYYY-MM-DDThh:mm:ss.sssZ) 2. Local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm) Messages sent from SIC IP service to participant: Always Local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm) is used.

Table 5: Group Header (GrpHdr, A-level)

4.2 Original Group Information and Status (OrgnlGrpInfAndSts, B-level)

The "Original Group Information and Status" (B-level of the message) is not used in the SIC IP service.

4.3 Transaction Information and Status (TxInfAndSts, C-level)

The "Transaction Information and Status" (C-level of the message) contains the information about the status of the underlying message.

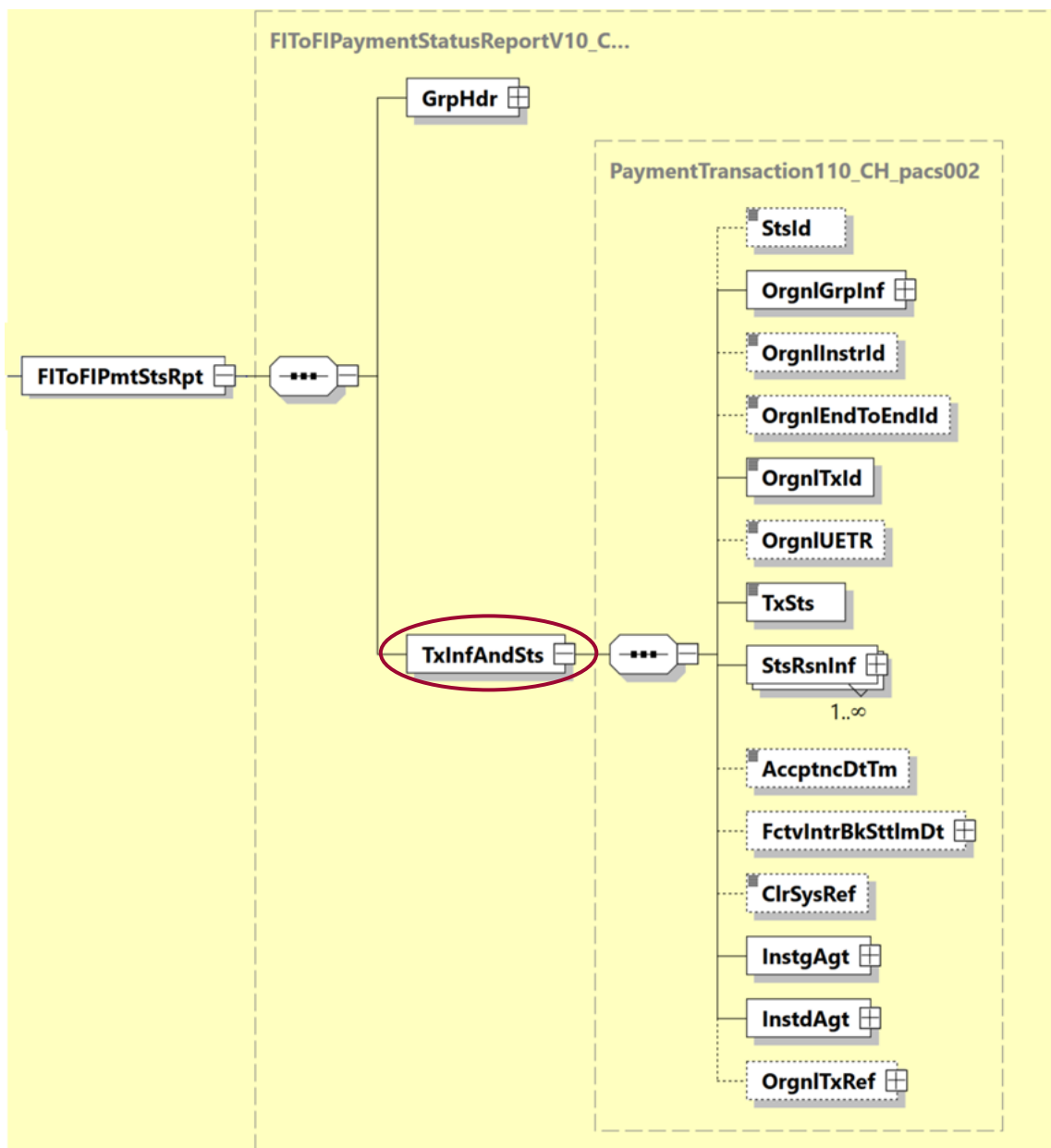


Figure 6: Transaction Information and Status (TxInfAndSts)

The following table specifies all the elements of the "Transaction Information and Status" of the "pacs.002" message that are relevant to the SIC IP service.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status	TxInfAndSts	0..n	1..1	
Transaction Information And Status +Status Identification	StsId	0..1	0..1	Transaction Identification Must not be used.
Transaction Information And Status +Original Group Information	OrgnlGrpInf	0..1	1..1	Original Group Information
Transaction Information And Status +Original Group Information ++Original Message Identification	OrgnlMsgId	1..1	1..1	Original Message Identification Messages sent from the participant to the SIC IP service: For a message to be successfully processed, the correct identifications from the original message sent to the participant must be given both at message level (<OrgnlMsgId>) and at transaction level (<OrgnlTxId>). NOK002: The element contains UNKNOWN if the message identification of the original message could not be identified.
Transaction Information And Status +Original Group Information ++Original Message Name Identification	OrgnlMsgNmId	1..1	1..1	Original Message Name Identification The first 8 digits of the message type must mandatory be present. The following values are permitted (will be validated by the SIC IP service): <ul style="list-style-type: none"> • pacs.004 • pacs.008 • pacs.009 • pacs.028 Additional digits to indicate the complete message version (e.g. "pacs.008.001.08") are permitted but will not be validated by the SIC IP service. OKA002: Permitted values in messages sent from participant to SIC IP service: pacs.004, pacs.009, pacs.028 Permitted values in messages sent from SIC IP service to participant: pacs.028 NOK002: The element contains UNKNOWN if the type of the original message could not be identified. POS002: Value pacs.008 must be used. NEG002: Value pacs.008 must be used. EXC002: Permitted values: pacs.004, pacs.008, pacs.009 CNC002: Permitted values: pacs.008, pacs.009
Transaction Information And Status +Original Instruction Identification	OrgnlInstrId	0..1	0..1	Original Additional Transaction Identification Must not be used.
Transaction Information And Status +Original End To End Identification	OrgnlEndToEndId	0..1	0..1	Original Debtor Reference Must not be used.
Transaction Information And Status +Original Transaction Identification	OrgnlTxId	0..1	1..1	Original Transaction Identification Messages sent from the participant to the SIC IP service: For a message to be successfully processed, the correct identifications from the original message sent to the participant must be given both at message level (<OrgnlMsgId>) and at transaction level (<OrgnlTxId>). NOK002: The element contains UNKNOWN if the transaction identification of the original message could not be identified.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original UETR	OrgnIUETR	0..1	0..1	Original Unique End-to-end Transaction Reference This identification contains a Universally Unique Identifier (UUID) according to RFC 4122 version 4. Messages sent from SIC IP service to participant: If a UETR was present in the original message, it is returned in the pacs.002 message. Note: Is only returned if it is the <UETR> element of the original message. For messages that only contain an element <OrgnIUETR>, this UETR is not returned in the pacs.002 message. Messages sent from participant to SIC IP service: The UETR can optionally be supplied, but is ignored by the SIC IP service and not checked against the original message.
Transaction Information And Status +Transaction Status	TxSts	0..1	1..1	Transaction Status The following ISO code values are permitted depending on the type of the Status Report: OKA002: ACCP = Received message is correct NOK002: RJCT = The received message could not be validated or contains errors and could not be processed. Can only be sent in messages from the participant to SIC IP service in case of an error in the authentication of the received message. POS002: ACCP = Confirmation from the instructed participant that the received IP customer payment (pacs.008) has been accepted and that the funds are provided to the creditor. NEG002: RJCT = Rejection of the received IP customer payment (pacs.008) by the instructed participant. EXC002: ACSC = Confirmation from the SIC IP service that the payment has been settled. CNC002: CANC = Information from the SIC IP service that the payment has been cancelled.
Transaction Information And Status +Status Reason Information	StsRsnInf	0..n	1..n	Status Reason Information Messages sent from participant to SIC IP service: Can only be used once. Messages sent from SIC IP service to participant: Can be used more than once (depending on the characteristic, see below). OKA002: One <StsRsnInf> block will be provided by the SIC IP service. NOK002: One <StsRsnInf> block will be provided by the SIC IP service for each error that was identified. EXC002: One <StsRsnInf> block will be provided by the SIC IP service. CNC002: One <StsRsnInf> block will be provided by the SIC IP service.
Transaction Information And Status +Status Reason Information ++Originator	Orgtr	0..1	1..1	Status Reason Originator Contains identification of the originator, which corresponds either to a participant in the SIC IP service or SIC Ltd as operator of the SIC IP service.
Transaction Information And Status +Status Reason Information ++Originator +++Name	Nm	0..1	0..1	Name Must not be used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Status Reason Information ++Originator +++Postal Address	PstlAdr	0..1	0..1	Postal Address Must not be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification	Id	0..1	0..1	Identification Must be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification	OrgId {Or	1..1	1..1	Organisation Identification Must be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++Any BIC	AnyBIC	0..1	0..1	Any BIC (Business Identifier Code) Must not be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++LEI	LEI	0..1	0..1	LEI (Legal Entity Identification) Must not be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++Other	Othr	0..n	0..2	Other Organisation Identification Must be used and contains SIC IID of the originator of the Status Report.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++Other ++++++Identification	Id	1..1	1..1	Member Identification OKA002: Messages sent from participant to SIC IP service: SIC IID (=6n) of the instructed participant Messages sent from SIC IP service to participant: SIC IID of SIC Ltd (= 099990) NOK002: Messages sent from participant to SIC IP service: SIC IID (=6n) of the instructed participant Messages sent from SIC IP service to participant: SIC IID of SIC Ltd (= 099990) POS002: Messages sent only from participant to SIC IP service, contains SIC IID (=6n) of the instructed participant NEG002: Messages sent only from participant to SIC IP service, contains SIC IID (=6n) of the instructed participant EXC002: Messages sent only from SIC IP service to participant: - If element <OrgnlMsgNmId> contains value "pacs.008": SIC IID (=6n) of the instructed participant taken from element <Orgntr> of pacs.002 message "Positive IP feedback" [POS002] - In any other cases: SIC IID of SIC Ltd (= 099990) CNC002: Messages sent only from SIC IP service to participant: - If cancellation is caused by a "Negative IP feedback" from instructed participant: SIC IID (=6n) of the instructed participant taken from element <Orgntr> of pacs.002 message "Negative IP Feedback" [NEG002]. - In any other cases: SIC IID of SIC Ltd (= 099990)
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++Other ++++++Scheme Name	SchmeNm	0..1	0..1	Must not be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Organisation Identification +++++Other ++++++Issuer	Issr	0..1	0..1	Must not be used.
Transaction Information And Status +Status Reason Information ++Originator +++Identification ++++Private Identification	PrvtId Or}	1..1	1..1	Private Identification Must not be used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Status Reason Information ++Originator +++Country Of Residence	CtryOfRes	0..1	0..1	Country Of Residence Must not be used.
Transaction Information And Status +Status Reason Information ++Reason	Rsn	0..1	0..1	Status Report Reason OKA002: Messages sent from participant to SIC IP service: Must not be used. Messages sent from SIC IP service to participant: Not used. NOK002: Messages sent from participant to SIC IP service: Must be used. Messages sent from SIC IP service to participant: Always used. POS002: Must not be used. NEG002: Must be used. EXC002: Not used. CNC002: Always used.
Transaction Information And Status +Status Reason Information ++Reason +++Code	Cd {Or	1..1	1..1	Status Report Reason (code) NOK002: Must not be used. NEG002: Must be used, contains the rejection reason in the form of an ISO 20022 code value. The following values are permitted (will be validated by the SIC IP service): AB05 / AB09 / AC01 / AG02 / AM02 / AM05 / MS02 / MS03 / RC01 / RR01 / RR02 / RR03 / RR04 CNC002: Always used, contains cancellation reason in the form of an ISO 20022 code value: - Cancellation due to "Negative IP feedback" = code value from element <StsRsnInf><Rsn> of pacs.002 message "Negative IP Feedback" (NEG002). - Cancellation by SIC IP service due to "Hard Time Out" = TM01 - Cancellation by SIC IP service despite "Positive IP feedback" = ED05 - Cancellation of a "Transfer payment from SIC IP service" (<OrgnlMsgNmId> contains pacs.009) by SIC IP service = ED06
Transaction Information And Status +Status Reason Information ++Reason +++Proprietary	Prtry Or}	1..1	1..1	Status Report Reason (proprietary) Proprietary 3-digit SIC error code. Error codes in accordance with the SIC IP Service Handbook. NOK002: Messages sent from participant to SIC IP service: Only value 134 (= Authenticator invalid) allowed in case of an error in the authentication of the received original message. NEG002: Must not be used. CNC002: Not used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Status Reason Information ++Additional Information	AddtlInf	0..n	0..10	Additional Information Messages sent from participant to SIC IP service: Must not be used. Messages sent from SIC IP service to participant: Can be used more than once, details see below. OKA002: Not used. NOK002: Location of the erroneous element as an XPath. "n/a" will be provided if the error cannot be unambiguously assigned to one element. In case of error code 118 (= message unreadable) the content of the incorrect message is returned packed in CDATA sections (maximum 10 x 105 characters). EXC002: Not used. CNC002: Contains cancellation date time of the underlying payment (calendar date / time). Always Local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm) is used.
Transaction Information And Status +Acceptance Date Time	AcptncDtTm	0..1	0..1	Processing Date Time Contains the start time from element <AcptncDtTm> of underlying pacs.008 message "IP customer payment" (payment type IPCPMT). Messages sent from participant to SIC IP service: Is not checked by the SIC IP service against the original message. OKA002: Must not be used. NOK002: Must not be used. POS002: Must be used. NEG002: Must be used. EXC002: Always used if <OrgnlMsgNmId> = pacs.008. In other cases: Not used. CNC002: Always used if <OrgnlMsgNmId> = pacs.008. In other cases: Not used.
Transaction Information And Status +Effective Interbank Settlement Date	FctvIntrBkSttlmDt	0..1	0..1	Settlement Date / Settlement Time Messages sent from participant to SIC IP service: Must not be used. OKA002: Not used. NOK002: Not used. EXC002: Always used. CNC002: Not used.
Transaction Information And Status +Effective Interbank Settlement Date ++Date	Dt {Or	1..1	1..1	Not used.
Transaction Information And Status +Effective Interbank Settlement Date ++Date Time	DtTm Or}	1..1	1..1	Settlement Time EXC002: Contains settlement date time of the underlying payment (calendar date / time). Always Local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm) is used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Clearing System Reference	ClrSysRef	0..1	0..1	Must be used for indicating system-specific codes to identify the type of the Status Report. The following codes are available: OKA002 = OK Acknowledgement NOK002 = NOK Acknowledgement POS002 = Positive IP Feedback NEG002 = Negative IP Feedback EXC002 = IP Execution Confirmation CNC002 = IP Cancellation Information
Transaction Information And Status +Instructing Agent	InstgAgt	0..1	1..1	Instructing Participant (of the Original Message) Contains original information from <InstgAgt> of the underlying message. For addressing the participant the element <ClrSysMmbId> must be used.
Transaction Information And Status +Instructing Agent ++Financial Institution Identification	FinInstnId	1..1	1..1	Financial Institution Identification
Transaction Information And Status +Instructing Agent ++Financial Institution Identification +++BICFI	BICFI	0..1	0..1	Identification of Instructing Participant (BIC) Must not be used.
Transaction Information And Status +Instructing Agent ++Financial Institution Identification +++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	Identification of Instructing Participant (proprietary) Must be used.
Transaction Information And Status +Instructing Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Clearing System Identification	ClrSysId	0..1	1..1	Clearing System Identification Must be used to identify the identification type.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Instructing Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Clearing System Identification +++++Code	Cd	1..1	1..1	Clearing System Identification (code) Permitted ISO code value: CHSIC (SIC IID (=6n)).
Transaction Information And Status +Instructing Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Member Identification	MmbId	1..1	1..1	Member Identification SIC IID (=6n) NOK002: Contains UNKNOWN if the instructing participant of the original message could not be identified.
Transaction Information And Status +Instructed Agent	InstdAgt	0..1	1..1	Instructed Participant (of the Original Message) Contains original information from <InstdAgt> of the underlying message. For addressing the participant the element <ClrSysMmbId> must be used.
Transaction Information And Status +Instructed Agent ++Financial Institution Identification	FinInstnId	1..1	1..1	Financial Institution Identification
Transaction Information And Status +Instructed Agent ++Financial Institution Identification +++BICFI	BICFI	0..1	0..1	Identification of Instructed Participant (BIC) Must not be used.
Transaction Information And Status +Instructed Agent ++Financial Institution Identification +++Clearing System Member Identification	ClrSysMmbId	0..1	0..1	Identification of Instructed Participant (proprietary) Must be used.
Transaction Information And Status +Instructed Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Clearing System Identification	ClrSysId	0..1	1..1	Clearing System Identification Must be used to identify the identification type.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Instructed Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Clearing System Identification +++++Code	Cd	1..1	1..1	Clearing System Identification (code) Permitted ISO code value: CHSIC (SIC IID (=6n)).
Transaction Information And Status +Instructed Agent ++Financial Institution Identification +++Clearing System Member Identification ++++Member Identification	MmbId	1..1	1..1	Member Identification SIC IID (=6n) NOK002: Contains UNKNOWN if the instructed participant of the original message could not be identified.

Table 6: Transaction Information and Status (TxInfAndSts, C-level)

4.4 Original Transaction Reference (OrgnlTxRef, D-level)

The "Original Transaction Reference" (D-level of the message) is only used in receipts from the SIC IP service to the participant and contains the following information:

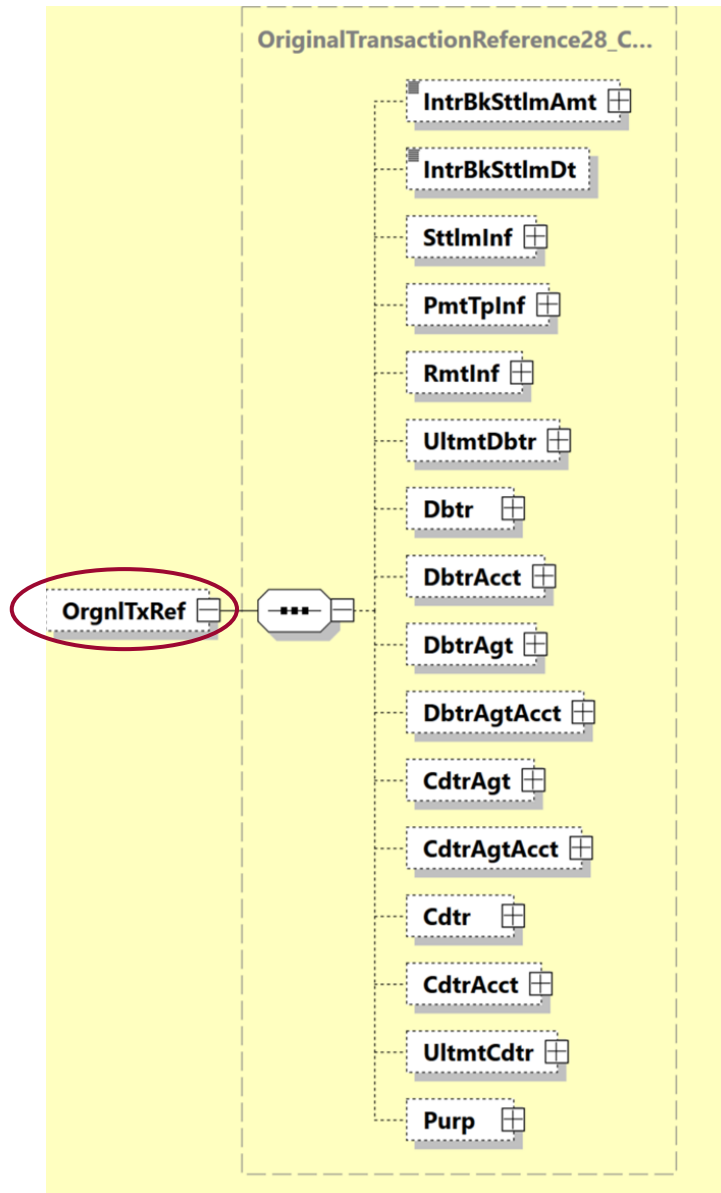


Figure 7: Original Transaction Reference (OrgnlTxRef)

The following table specifies all the elements of the "Original Transaction Reference" of the "pacs.002" message that are relevant to the SIC IP service.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference	OrgnlTxRef	0..1	0..1	Original Transaction Reference Messages sent from participant to SIC IP service: Must not be used. Messages sent from SIC IP service to participant: Always used.
Transaction Information And Status +Original Transaction Reference ++Interbank Settlement Amount	IntrBkSttlmAmt	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Interbank Settlement Date	IntrBkSttlmDt	0..1	0..1	Settlement Date OKA002: Not used. NOK002: Not used. EXC002: Always used, contains the clearing day on which the payment has been settled. The clearing day is determined based on the settlement time of the payment in the SIC IP service. CNC002: Not used.
Transaction Information And Status +Original Transaction Reference ++Settlement Information	SttlmInf	0..1	0..1	Settlement Information Always used.
Transaction Information And Status +Original Transaction Reference ++Settlement Information +++Settlement Method	SttlmMtd	1..1	1..1	Settlement Method Is always used with value CLRG (Clearing)
Transaction Information And Status +Original Transaction Reference ++Settlement Information +++Settlement Account	SttlmAcct	0..1	0..1	Settlement Account Not used.
Transaction Information And Status +Original Transaction Reference ++Settlement Information +++Clearing System	ClrSys	0..1	0..1	Clearing System Is always used to identify the clearing system.
Transaction Information And Status +Original Transaction Reference ++Settlement Information +++Clearing System ++++Code	Cd	1..1	1..1	Clearing System Identification (code) Is always used, contains identification of the clearing system. The following code values are available: SIC IP service (CHF only) = value SIP is used

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference ++Payment Type Information	PmtTpInf	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Remittance Information	RmtInf	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Ultimate Debtor	UltmtDbtr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor	Dbtr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account	DbtrAcct	0..1	0..1	OKA002: Not used. NOK002: Not used. EXC002: Used only if <OrgnlMsgNmId> = pacs.009. Use case "Transfer payment from the SIC IP Service": contains the account number of the debited SIC IP settlement account. Use case "IP liquidity distribution System Manager": contains either the account number of the debited SIC IP transit account of the System Manager (payment type IPLQDT) or the debited SIC IP settlement account of the participant (payment type IPLQDF). CNC002: Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification	Id	1..1	1..1	Account identification
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification ++++IBAN	IBAN {Or	1..1	1..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification ++++Other	Othr Or}	1..1	1..1	Proprietary account format

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification ++++Other +++++Identification	Id	1..1	1..1	Account number EXC002: SIC IP settlement account number
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification ++++Other +++++Scheme Name	SchmeNm	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Identification ++++Other +++++Issuer	Issr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Type	Tp	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Currency	Ccy	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Name	Nm	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Account +++Proxy	Prxy	0..1	0..1	Not used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference ++Debtor Agent	DbtrAgt	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Debtor Agent Account	DbtrAgtAcct	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Agent	CdtrAgt	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Agent Account	CdtrAgtAcct	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor	Cdtr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account	CdtrAcct	0..1	0..1	OKA002: Not used. NOK002: Not used. EXC002: Used only if <OrgnlMsgNmId> = pacs.009. Use case "Transfer payment from the SIC IP Service": contains account number of the credited RTGS settlement account. Use case "IP liquidity distribution System Manager": contains either the account number of the credited SIC IP settlement account of the participant (payment type IPLQDT) or the credited SIC IP transit account of the System Manager (payment type IPLQDF). CNC002: Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification	Id	1..1	1..1	Account identification
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification ++++IBAN	IBAN {Or	1..1	1..1	Not used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification ++++Other	Othr Or}	1..1	1..1	Proprietary account format
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification ++++Other +++++Identification	Id	1..1	1..1	Account number EXC002: RTGS settlement account number
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification ++++Other +++++Scheme Name	SchmeNm	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Identification ++++Other +++++Issuer	Issr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Type	Tp	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Currency	Ccy	0..1	0..1	Not used.

ISO 20022 Standard			Swiss ISO 20022 Payments Standard for Instant Payments	
Message Item	XML Tag	Mult	Mult	Definition
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Name	Nm	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Creditor Account +++Proxy	Prxy	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Ultimate Creditor	UltmtCdtr	0..1	0..1	Not used.
Transaction Information And Status +Original Transaction Reference ++Purpose	Purp	0..1	0..1	Not used.

Table 7: Original Transaction Reference (OrgnlTxRef, D-level)