



ISO 20022 Cash Management

Swiss Implementation Guidelines
for Customer-Bank Messages (Reports)

Bank-to-Customer Account Report (camt.052)

Bank-to-Customer Statement (camt.053)

Bank-to-Customer Debit/Credit Notification (camt.054)

General note

Any suggestions or questions relating to this document should be addressed to the financial institution in question or to SIX Interbank Clearing Ltd at the following address: pm@six-group.com.

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 and a brief amendment description.

Change of name from "BC number" (BC No.) to "Institutional identification" (IID)

The concept of the BC number, short for Bank Clearing Number, has been out-of-date since at least 2010, when the Swiss National Bank provided access to the SIC system also to participants without the status of a bank, such as insurance companies. Furthermore, this number is used not only for the clearing of payments, but also for information that goes beyond the various payment traffic infrastructures. One example is the function of the BC number as part of the IBAN, a form of bank account number that can be used for many purposes.

This is why the Swiss Recommendations will in future use "IID" (institutional identification) instead of "BC no.".

Amendment control

Version	Date	Amendment description
1.0	16.08.2011	First edition
1.1	30.04.2012	Various clarifications and additions, new company logo
1.2	30.06.2013	Various clarifications and additions, order of appendices changed.
1.3	10.08.2015	<p>Section 1: New documents of the Swiss recommendations and their description added.</p> <p>Section 1.1: Note to download address for most recent version inserted.</p> <p>Section 1.3.2: New documents of the Swiss recommendations added.</p> <p>Section 1.5: Status list extended.</p> <p>Section 1.6: Description and example of how to represent a selection inserted.</p> <p>Section 2.1 and 2.2.4: Note on the use of the more recent ISO version of "camt.053.001.04" inserted.</p> <p>Section 2.2: Tables updated</p> <p>Section 5.3 newly inserted.</p> <p>Section 5.4: Table updated and explanation about the "ISR payment" column inserted.</p> <p>Appendix A: Some transaction codes deleted and additional transaction codes listed.</p> <p>Appendix B: Unused elements updated.</p> <p>Appendix E: Illustration updated.</p>
1.4	25.07.2016	<p>Title page and colour scheme for tables and illustrations amended to comply with the new Brand Identity Guidelines.</p> <p>Various textual changes/standardisations throughout the document.</p> <p>Explanation of the change from BC no. to IID added to the Foreword.</p> <p>Section 1.5: Status list described more precisely.</p> <p>Section 1.6: Tree structure example changed</p> <p>Section 2: Newly added.</p> <p>Sections 3.1 and 3.2.4: ISO Release 2013 "camt.053.001.04" also permitted.</p> <p>Section 3.2.2: General definition of "Type of booking", "Total", "Number" and "Total amount" of credits and debits has been expanded.</p> <p>Section 3.2.3: General definition of the "Bank Transaction Code" has been modified.</p> <p>Section 6.4: Newly added.</p> <p>Section 6.5: Table heading modified and various notes for E1 inserted.</p> <p>Appendix A: Newly added.</p>

Table of contents

1	Introduction	6
1.1	Amendment control	6
1.2	Reference documents	7
1.3	Summary of message standards	8
1.3.1	ISO 20022	8
1.3.2	Swiss ISO 20022 Payments Standard	9
1.4	Representation of XML messages	10
1.5	XML message conventions	10
1.6	Conventions for presentation	11
1.7	Scope	12
1.8	Field definitions	12
2	Use of customer-to-bank messages	13
2.1	Booking-relevant "camt" messages (day-end)	13
2.2	Cash Management-relevant "camt" messages (intraday, incremental)	13
2.3	Dual role of the "camt.054"	14
2.4	Options for batch booking breakdown	15
3	Bank-to-Customer Statement (camt.053)	16
3.1	General	16
3.2	Technical specifications	18
3.2.1	Group Header (GrpHdr, A-Level)	18
3.2.2	Statement (Stmnt, B-Level)	22
3.2.3	Entry (Ntry, C-Level)	32
3.2.4	Entry Details (NtryDtls, D-Level)	38
3.2.5	Batch (Btch, D-Level)	38
3.2.6	Transaction Details (TxDtls, D-Level)	40
4	Bank-to-Customer Report (camt.052)	50
4.1	Balance <Bal>, B-Level	50
4.2	Entry Status <Sts>, C-Level	50
5	Bank-to-Customer Debit/Credit Notification (camt.054)	51
5.1	Balance <Bal>, B-Level	51
5.2	Reporting Source <RptgSrc> <Prtry>, B-Level	51
5.3	Entry Status <Sts>, C-Level	51
6	Business specifications	52
6.1	Character set	52
6.2	References	53
6.2.1	References in the processing chain	53
6.2.2	References in payment instructions (pain.001)	54
6.2.3	References in Direct Debits (pain.008)	55
6.2.4	ISR reference numbers in "camt" messages	56
6.3	Elements for the parties involved in R-transactions	58
6.4	Example of the handling of "Multi-page Statements"	59
6.5	Specific representation of certain transaction types in account statement camt.053	60

7	Example	73
7.1	The business situation in the example	73
7.2	Data in the example	73
	Appendix A: Credit notification using a structured reference in the "camt.054"	74
	Appendix B: Bank Transaction Codes	79
	Appendix C: Unused elements	83
	Appendix D: Example	87
	Appendix E: Symbols for graphical XML representation	88
	Appendix F: Basis for the Swiss recommendations	90
	Appendix G: Table of tables	91
	Appendix H: Table of figures	91

1 Introduction

The Swiss recommendations for implementing the message standards for Payments Initiation and Cash Management based on ISO standard 20022 have been produced on the instructions of PaCoS (Payments Committee Switzerland), a committee under the Swiss Payments Council (SPC). This version is based on the ISO Maintenance Release 2009 (camt versions .02) and the ISO Maintenance Release 2013 (camt versions .04) and the latest EPC recommendations.

Swiss financial institutions will support the "camt" version .02 (ISO Release 2009) until the middle of 2018, and thereafter only the "camt" version .04 (ISO Release 2013).

The Swiss recommendations consist of the following documents:

- Swiss Business Rules
- Swiss Implementation Guidelines
 - for Credit Transfer (pain.001)
 - for the Swiss direct debit procedure (pain.008)
 - for the SEPA direct debit procedure (pain.008)
 - for Cash Management messages (camt.052, camt.053 and camt.054) (this document)
 - for Status Report (pain.002)
- Swiss Usage Guide (use cases and examples)

The first document, the **Business Rules**, describes the requirements of business representatives of users, financial institutions and software providers, from the point of view of processes. It discusses the following subjects:

- Definition and description of specific business transactions, describing the relevant parties and the messages that are used (types of payments, versions of reports)
- Summary of message structures with more detail about certain structural elements
- Description of the main validation rules and ways of handling errors.

The **Implementation Guidelines** serve as manuals for the technical implementation of the standard and provide assistance in producing the various message types. They describe the XML structures and validation rules in detail.

The **Swiss Usage Guide** provides field rules and examples to explain the most frequent use cases (payment types) and explains how ISO 20022 messages (customer-bank or bank-customer) should be structured according to the Swiss recommendations, so providing an end-to-end overview of the whole process.

1.1 Amendment control

The Swiss Business Rules and Implementation Guidelines documents are subject to the amendment authority of

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and reflect the regulations of Swiss financial institutions. Any future amendments and additions will be made by SIX Interbank Clearing.

The latest version of this document can be downloaded from the SIX Interbank Clearing website at the following address: www.iso-payments.ch

1.2 Reference documents

Ref	Document	Title	Source
	Base documents		
[1]	Message Definition Report	Payments Maintenance 2009: Message Definition Report, Approved by the Payments SEG on 30 March 2009, Edition September 2009 or Bank-To-Customer Cash Management: Message Definition Report, Approved by the Payments SEG on 28 January 2013	ISO
[2]	camt.052.001.02 camt.052.001.04	BankToCustomerAccountReportV02 BankToCustomerAccountReportV04	ISO
[3]	camt.053.001.02 camt.053.001.04	BankToCustomerStatementV02 BankToCustomerStatementV04	ISO
[4]	camt.054.001.02 camt.054.001.04	BankToCustomerDebitCreditNotificationV02 BankToCustomerDebitCreditNotificationV04	ISO
[5]	EPC188-09 Recommendation on Customer Reporting SCT and SDD	Recommendation on Customer Reporting of SEPA Credit transfers and SEPA Direct Debits 14 October 2015	EPC
	Additional documents		
[6]	Swiss Business Rules	ISO 20022 Payments and Cash Management – Swiss Business Rules for messages in the customer/bank context	SIX Interbank Clearing

Table 1: Reference documents

Organisation	Link
ISO	www.iso20022.org
EPC	www.europeanpaymentscouncil.eu
SIX Interbank Clearing	www.iso-payments.ch www.sepa.ch www.six-interbank-clearing.com

Table 2: Links to the relevant Internet pages

1.3 Summary of message standards

1.3.1 ISO 20022

The ISO 20022 message standard gives details for the following Cash Management Messages:

- Bank-to-Customer Account Report (camt.052),
- Bank-to-Customer Statement (camt.053) and
- Bank-to-Customer Debit/Credit Notification (camt.054)

All these messages are described in the document "ISO 20022 Message Definition Report" [1].

Not all financial institutions offer messages for displaying intraday account movements (camt.052) and batch booking breakdown or debit/credit notifications (camt.054).

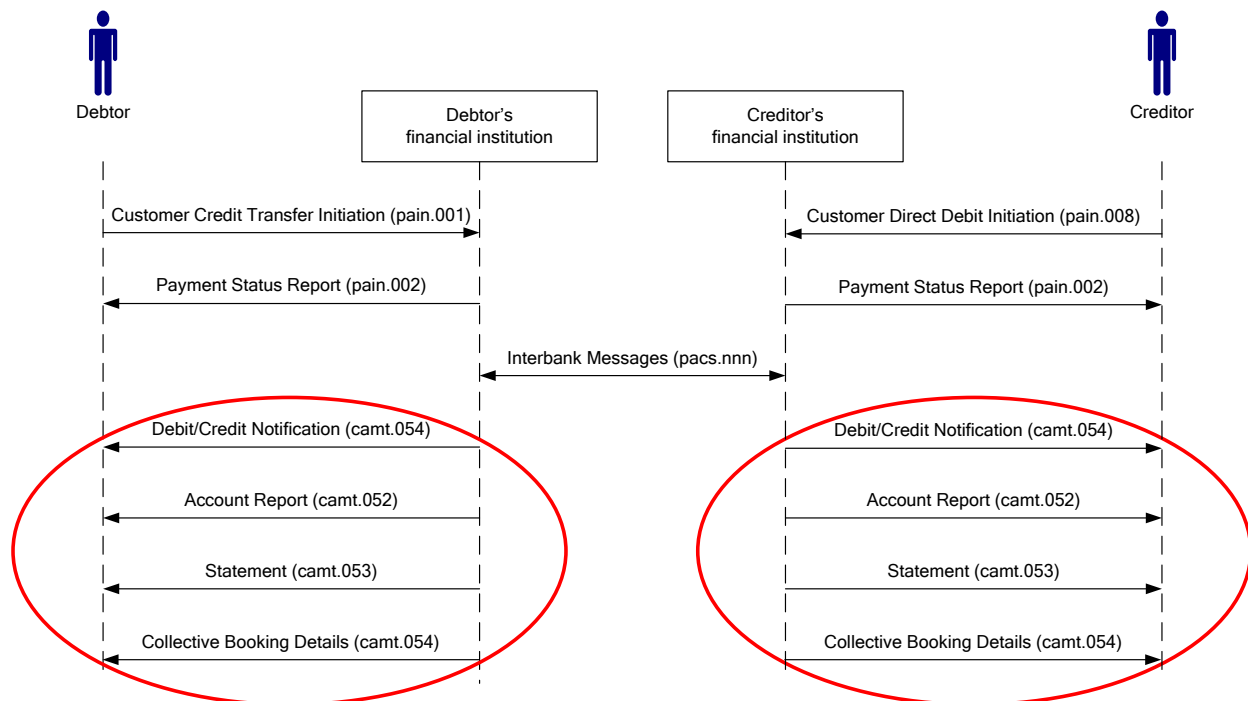


Figure 1: Payment instructions and cash management (reporting) with ISO 20022

The flow of messages is shown in the above Figure 1.

The messages specified in the ISO 20022 standard can be used universally, apply to all currencies and encompass all possible options. The messages are adapted for special areas of use and country-specific circumstances, i.e. not all the options under the standard are used.

1.3.2 Swiss ISO 20022 Payments Standard

The message standard recommended by Swiss financial institutions is based on the ISO 20022 standard also takes account of the recommendations from the "Recommendation on Customer Reporting SCT and SDD" [5] document.

The Swiss ISO 20022 Payments and Cash Management Standard is specified in the following documents:

- ISO 20022 Payments: Swiss Business Rules Payments and Cash Management
- ISO 20022 Payments: Swiss Implementation Guidelines for Credit Transfer
- ISO 20022 Payments: Swiss Implementation Guidelines for the SEPA Direct Debit procedure
- ISO 20022 Payments Swiss Implementation Guidelines for the Swiss Direct Debit procedure
- ISO 20022 Payments: Swiss Implementation Guidelines Cash Management Messages (this document)
- ISO 20022 Payments: Swiss Implementation Guidelines for Status Report

The Swiss Business Rules describe the requirements of business representatives from the point of view of users, financial institutions and software manufacturers with regard to processes.

The Swiss Implementation Guidelines Cash Management Messages – this document – contains technical specifications and instructions for the technical and business implementation of bank-customer messages in accordance with the Swiss ISO 20022 Payments Standard.

There are no plans for an XML schema specifically for the Swiss standard for camt messages. The messages will normally be produced by the financial institutions in accordance with the ISO schema.

Figure 2 below shows the degree of concordance between the Swiss ISO 20022 Payments Standards and ISO 20022.

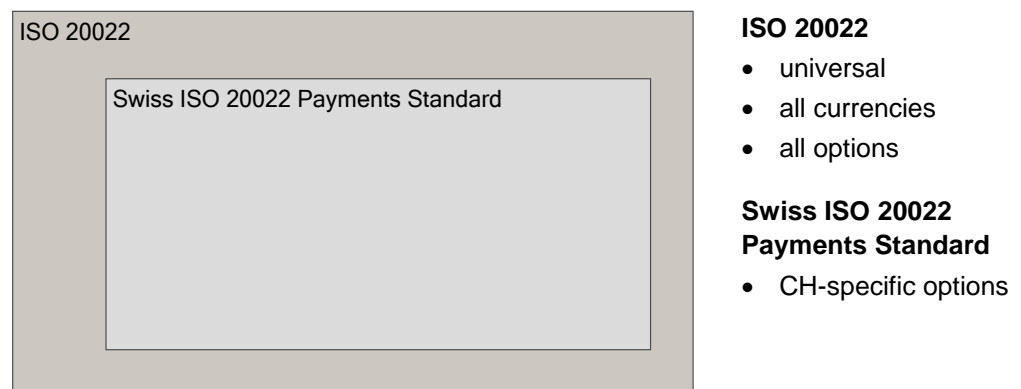


Figure 2: Degree of concordance between the Swiss ISO 20022 Payments Standards and ISO 20022

Note: The colours **clay brown** and **light grey** that are used for the ISO 20022 standard and the Swiss ISO 20022 Payments Standard are also used in the column headings of tables in this document.

1.4 Representation of XML messages

The logic structure of XML messages is a tree structure. This can be represented in various ways: in diagrams, tables or text. Representation in text is very suitable for actual examples of messages, while tables and diagrams are mainly suitable for giving an overview of XML schemas. The illustrations in this document are based on the schema in the Swiss recommendations.

XML editors which have the option of graphical representation use symbols which may look slightly different depending on the type of editor (the illustrations in this document were produced using the editor XMLSpy from Altova GmbH). The main symbols are briefly introduced in Appendix E. More detailed information can be found in the user manual or the online help for the XML editor that is being used.

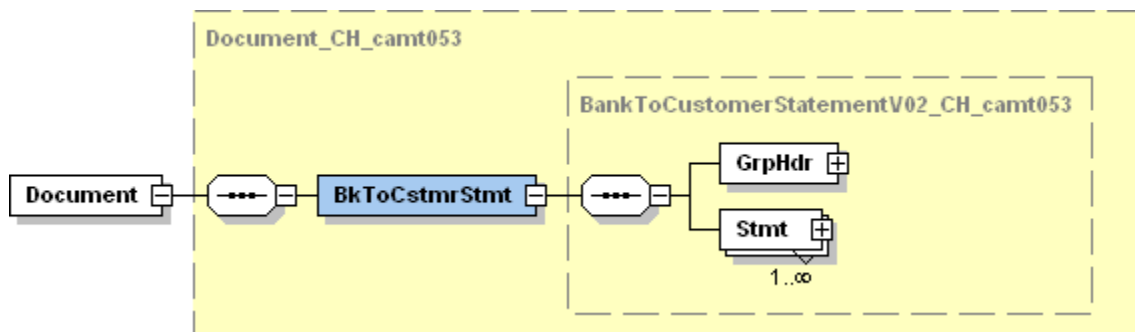


Figure 3: Example of graphical representation of an XML message

1.5 XML message conventions

A basic knowledge of XML is assumed for the purposes of this document, so only certain special points are explained.

Permitted characters

The characters permitted in XML messages according to the Swiss ISO 20022 Payments Standard are listed in section 6.1 "Character set".

Statuses

The following statuses (information about usage) are permitted for individual XML elements according to the Swiss ISO 20022 Payments Standard:

Status	Designation	Description
M	Mandatory	The element is mandatory. If the element is not used, a Swiss bank will refuse to process the message.
O	Optional	The element is optional.
D	Dependent	The use of the element depends on other elements. Depending on the content or presence of another element, this element may be mandatory or optional.
N	Not used	The element is not supported.

XML schema validation

The technical validation of the various XML messages is carried out using XML schemas.

The names of data types given in the tables of this document correspond to the data types defined in XML schemas.

For the Swiss ISO 20022 Payments Standard, no special XML schemas will be issued for the "camt.052", "camt.053" and "camt.054" messages, in contrast to the messages for Credit Transfers (pain.001), Direct Debits (pain.008) and Status Reports (pain.002). The messages from Swiss financial institutions therefore correspond to the ISO standard, but do not use it in its entirety.

Exactly how the various elements are used in the Swiss standard is described in detail in section 3.2 "Technical specifications".

Indication of namespace in XML messages

The indication of namespaces in XML messages is used to define the type catalogue which is used in a message. Namespaces should be uniquely assigned. The ISO 20022 standard defines a separate namespace for each message type (example: camt.053: xmlns="urn:iso:std:iso:20022:tech:xsd:camt.053.001.02").

AOS (Additional Optional Services)

All Swiss financial institutions support a common set of elements, but may in addition use other elements from the ISO standard which cannot be sent by all institutions. For this reason the Swiss ISO 20022 Payment Standard, Cash Management, includes AOS elements which are only sent by specific financial institutions.

1.6 Conventions for presentation

In this document, the following conventions apply to presentation.

Description of XML elements

In some publications, the names of XML elements are written as a single concept with no spaces, for example BankToCustomerStatement. In the interests of legibility, spaces are generally used in this document.

Data in tables of the Swiss ISO 20022 Payments Standard

The tables contain information from ISO 20022 (Index, Multiplicity, Message Item, XML-Tag). The following information can also be found in the tables:

- Status of the element (as defined in section 1.5 "XML message conventions")
- General definition
- Corresponding field in SWIFT Standard

Colours used in the tables

The column headings are marked in **clay brown** for the information about ISO 20022 and **light grey** for information about the Swiss ISO 20022 Payments Standard.

Elements containing at least one sub-element are marked in **light blue** in the ISO 20022 columns.

Representation of the tree structure in the tables

So that it is possible to tell where in the tree structure an element comes, the hierarchy level is indicated by preceding "+" signs in the Message Item. For example, the page number (element Page Number) in the Group Header is represented as shown:

Group Header
+Message Pagination
++Page Number

Representation of choices

Elements with a choice are marked in the "XML Tag" column as follows:

{Or for start of the choice

Or} for end of the choice

Example:

Statement +Account ++Identification	Id	1..1	M
Statement +Account ++Identification +++IBAN	IBAN {Or	1..1	D
Statement +Account ++Identification +++Other	Othr Or}	1..1	D

1.7 Scope

These Implementation Guidelines only give the specifications for the bank-customer messages "Bank-to-Customer Account Report", "Bank-to-Customer Account Statement" and "Bank-to-Customer Debit/Credit Notification" for the Swiss ISO 20022 Payments Standard.

No aspects relating to the communication channels used for the sending of messages between customer and financial institution, and their security features, are discussed in this document. These are entirely the responsibility of the financial institutions involved and their customers.

1.8 Field definitions

These Implementation Guidelines only describe those elements which may be delivered by financial institutions in Switzerland under the Swiss standard. Elements which are defined in the ISO standard but are not used in Switzerland are **not** included in the following tables.

Elements which are included in the ISO standard but are not used in the Swiss standard are listed in Appendix C "Unused elements".

2 Use of customer-to-bank messages

2.1 Booking-relevant "camt" messages (day-end)

The XML message "Bank-to-Customer Statement" (camt.053) is used by the financial institution to provide account information to its customers. In principle, under the Swiss Recommendations, the following booking-relevant messages are available:

New ISO 20022 messages	Examples of existing messages
1. "camt.053" account statement with internal batch booking breakdown	MT940 Customer Statement Message MT950 Statement Message (Interbank) v11 ISR file ^{*1}
2. "camt.053" account statement with external batch booking breakdown in the "camt.054"	ECA-I, ECA-V ^{*1} Debit Direct ^{*1} More

^{*1}: Messages are being replaced according to the Roadmap for Migration ZV CH

Not all financial institutions offer the "camt.053" account statement message with external batch booking breakdown in the "camt.054".

2.2 Cash Management-relevant "camt" messages (intraday, incremental)

The sending of the ISO 20022 message "camt.052" for the intraday account report (account turnover, waiting items) should be set periodically (e.g. hourly) or daily at fixed times. Each "camt.052" only contains transactions since the last regular account report.

Debit and credit advices are covered by the "camt.054". The sending of advices is normally event-based (e.g. after an instruction has been placed) and continuous during incoming and outgoing payments.

Under the Swiss Recommendations, the following Cash Management messages are available:

New ISO 20022 messages	Examples of existing messages
1. "camt.054" advice (debit and credit advices)	MT900 Confirmation of Debit MT910 Confirmation of Credit
2. "camt.052" account report with internal batch booking breakdown	MT941 Balance Report MT942 Interim Transaction Report v11 ISR file (Intraday) ^{*1}
3. "camt.052" account report with external batch booking breakdown in the "camt.054"	ECA-I, ECA-V ^{*1} Debit Direct ^{*1} More

^{*1}: Messages are being replaced according to the Roadmap for Migration ZV CH

Not all financial institutions offer Cash Management-relevant messages.

2.3 Dual role of the "camt.054"

The "camt.054" message is used both for the detailed notification of batch bookings and also for the notification of credits and debits. The external breakdown of batch bookings using "camt.054" occurs separately and in addition to the possible use of the "camt.054" for debit and credit notifications.

If a financial institution supports these different applications of the "camt.054" as AOS, it can – to distinguish between the different types of "camt.054" messages – use the following values in the Reporting Source field `"/BkToCstmrDbtCdtNtfctn/Ntfctn/RptgSrc/Prtry` or `-RptgSrc/Cd`" (see also section 5.2 «Reporting Source `<RptgSrc>` `<Prtry>`, B-Level»):

ISO 20022 "camt.054" message	Reporting Source
1. "camt.054" for batch booking breakdown "camt.053" account statement – grouped by the financial institution	C53F
2. "camt.054" for batch booking breakdown "camt.053" account statement – grouped by the customer	C53C
3. "camt.054" for batch booking breakdown "camt.052" account report – grouped by the financial institution	C52F
4. "camt.054" for batch booking breakdown "camt.052" account report – grouped by the customer	C52C
5. "camt.054" advice (debit notification)	DBTN
6. "camt.054" advice (credit notification)	CDTN

2.4 Options for batch booking breakdown

Batch bookings can be broken down in two ways

- **Internally:** Batch booking breakdown within a "camt.053" or "camt.052" message (if offered by the financial institution).

In this case the amount can be seen at entry level as the total for the batch booking. Each individual item represents a "Transaction Detail". Optionally, the number of individual bookings behind the batch total can also be entered in the "Number Of Transactions" data element.

- **Externally:** External batch booking breakdown by referencing a "camt.054" message (if offered by the financial institution).

In the "camt.053" and "camt.052" message, only the total amount is available at entry level. Other details about the individual transactions can be found in the "camt.054" message.

Optionally in this case, the financial institution can reference a "camt.054" message by using the data element group Additional Information Indicator that is filled in at entry level. Only one "camt.054" message can be referenced for each entry. In reverse, only exactly one "camt.053" or "camt.052" message can be referenced from a "camt.054" message.

Example: Optional referencing of a "camt.054" message

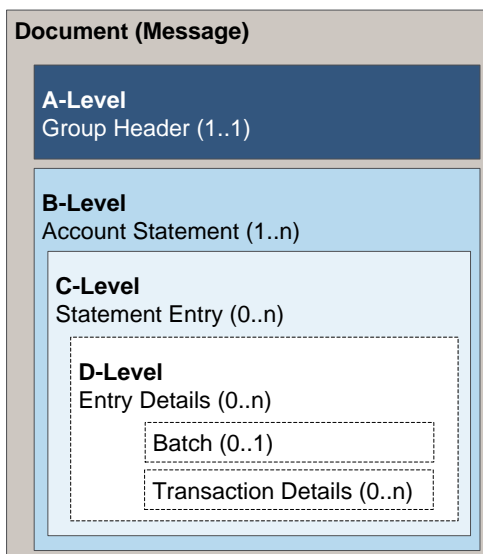
```
<Ntry>
...
  <AddtlInfInd>
    <MsgNmId>camt.054.001.02</MsgNmId>
    <MsgId>MessageId of the camt.054 message</MsgId>
  </AddtlInfInd>
...
</Ntry>
```

3 Bank-to-Customer Statement (camt.053)

3.1 General

The XML message "Bank-to-Customer Statement" (camt.053) is used by financial institutions for providing electronic account information to their customers. It is used on the basis of the ISO 20022 XML schema "camt.053.001.02" (ISO Release 2009, as for SEPA) or "camt.053.001.04" (ISO Release 2013). Among other things under "Transaction Details/Charges", the ISO version "camt.053.001.04" also supports a new element called "Record", which contains details about charges.

Note: This section first describes the "camt.053" message (End of Day statement), because this message is the one most frequently used in Switzerland. For the "camt.052" (Account Report, intraday account movements) and "camt.054" (debit/credit notification, batch booking breakdown or debit and credit notification) only the deviations are described, see section 4 "Bank-to-Customer Report (camt.052)" and section 5 "Bank-to-Customer Debit/Credit Notification (camt.054)".



The message is structured as follows (camt.053):

- **A-Level:** message level, "Group Header"
- **B-Level:** account level, "Account Statement" the Swiss Recommendations support only one account per "camt.053")
- **C-Level:** amount level, "Statement Entry"
- **D-Level:** amount details, "Entry Details"

Figure 4: Message structure for Cash Management messages (camt.053)

In the following **technical specifications** for the XML message "Bank-to-Customer Statement" (camt.053), each of these message levels is discussed in a separate subsection:

- 3.2.1 "Group Header (GrpHdr, A-Level)"
- 3.2.2 "Statement (Stmnt, B-Level)"
- 3.2.3 "Entry (Ntry, C-Level)"
- 3.2.4 "Entry Details (NtryDtls, D-Level)"

The **business specifications** given in section 6 cover the following topics:

- character set
- references, especially ISR reference numbers

The Cash Management messages correspond to the SWIFT messages MT940, MT950, MT900, MT910, MT941 and MT942, which are currently in use.

These messages correspond as follows:

Abbreviation	camt message	SWIFT MT message
053/940	camt.053 Bank-to-Customer Statement	MT940 Customer Statement Message MT950 Statement Message (Interbank)
052/94 _n	camt.052 Bank-to-Customer Account Report	MT941 Balance Report MT942 Interim Transaction Report
054/9 _n 0	camt.054 Bank-to-Customer Debit/Credit Notification	MT900 Confirmation of Debit MT910 Confirmation of Credit

Table 3: Correspondence between "camt" messages and SWIFT MT messages

In the following paragraphs, the connection between elements in the camt message and the corresponding SWIFT MT message is documented where appropriate.

Note: Swiss financial institutions generally use the "Date" element instead of "Date Time" on all time-related information on account statements and notifications.

3.2 Technical specifications

3.2.1 Group Header (GrpHdr, A-Level)

The Group Header (A-Level of the message) contains all the elements that apply to all the transactions in the "Bank-to-Customer Statement" (camt.053) XML message. It occurs exactly once in the message.

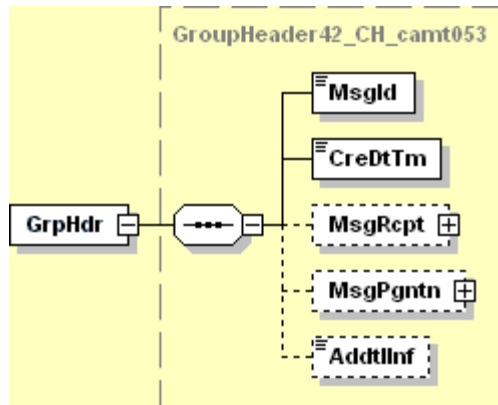


Figure 5: Group Header (GrpHdr)

The following table specifies all the elements of the Group Header that are relevant to the Swiss ISO 20022 Payments Standard.

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
	Document +Bank-to-Customer Statement	BkToCstmrStmt	1..1	M	The XML message "Bank-to-Customer Statement" (camt.053) is used by financial institutions to send electronic account information to their customers. It is used on the basis of the ISO 2022 XML schema "camt.053.001.02".	
1.0	Group Header	GrpHdr	1..1	M	The "Group Header" (A-Level of the message) contains all elements that apply to all the transactions in the XML message "Bank-to-Customer Statement" (camt.053). It occurs exactly once in the message.	
1.1	Group Header +Message Identification	MsgId	1..1	M	Unique message reference which is assigned by the sender of the message.	
1.2	Group Header +Creation Date Time	CreDtTm	1..1	M	Date and time when message was created	All: Included in the Application Header Block 2 of the SWIFT message. Example: {2: O 100 1200 970103BANKBEBBAXXX2222 123456 970103 1201 N}
1.3	Group Header +Message Recipient	MsgRcpt	0..1	O	Element is only used if the recipient is not the account holder (see "Statement/Account/Owner").	
1.3	Group Header +Message Recipient ++Name	Nm	0..1	O	Name of the recipient of the message	
1.3	Group Header +Message Recipient ++Identification	Id	0..1	O		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification	OrgId {Or	1..1	M		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++BIC Or BEI	BICOrBEI	0..1	D	If used, "Other" must not be present.	
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other	Othr	0..n	D	If used, "BIC Or BEI" must not be present.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Identification	Id	1..1	M		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Scheme Name	SchmeNm	0..1	O		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Scheme Name +++++Code	Cd {Or	1..1	M		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Scheme Name +++++Proprietary	Prtry Or}	1..1	N		
1.3	Group Header +Message Recipient ++Identification +++Organisation Identification ++++Other +++++Issuer	Issr	0..1	O		
1.3	Group Header +Message Recipient ++Identification +++Private Identification	PrvtId Or}	1..1	N	Not used in Switzerland.	
1.4	Group Header +Message Pagination	MsgPgntn	0..1	O		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
1.4	Group Header +Message Pagination ++Page Number	PgNb	1..1	M	The Page Number, beginning with "1", is used to count the number of messages in a statement.	053/940: Part of field :28C: (Sequence Number) 052/94n: Part of field :28C: (Sequence Number) 054/9n0: Does not correspond The :28C: Element corresponds in the "camt" to these elements: <GrpHdr>/<PgNb>: Sequence number <Stmnt>/<ElctrncSeqNb>: Statement number Example: 28C: 50/1 <GrpHdr>/<PgNb>: 1 <Stmnt>/<ElctrncSeqNb>: 50
1.4	Group Header +Message Pagination ++Last Page Indicator	LastPgInd	1..1	M	This element indicates whether the message is the last page in the statement. If, on account of size restrictions, a statement has to be divided into more than one message, this element is marked "FALSE" in the first messages and "TRUE" in the last one. The individual messages belonging to a single "Message ID" are counted using the "Page Number" element (see above).	
1.5	Group Header +Additional Information	AddtlInf	0..1	O	Element is not normally sent.	

Table 4: Group Header (GrpHdr, A-Level)

3.2.2 Statement (Stmt, B-Level)

The entries in the elements at B Level correspond in "camt.053" to the booked transactions and balances. The "camt.052/054" refers to account movements.

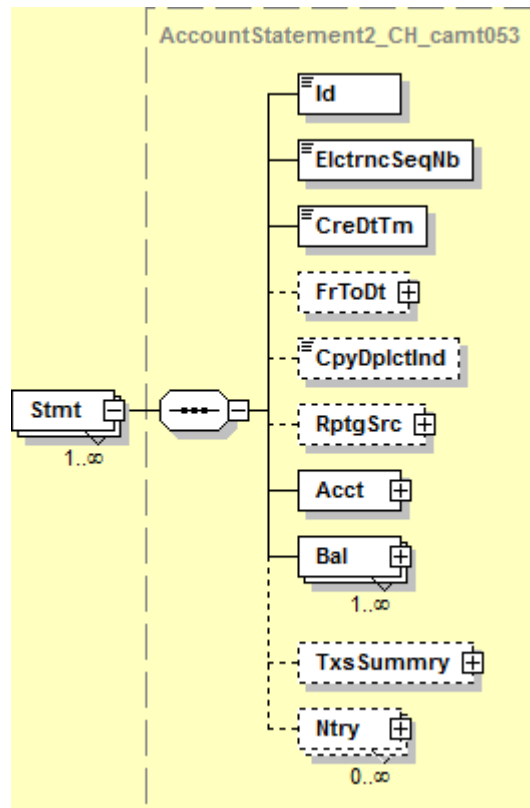


Figure 6: Statement (Stmt)

The following differences from "camt.053" apply to "camt.052" and "camt.054":

Element	camt.052	camt.054
Balance <Bal>	Element is optional.	Element does not exist.

The following table specifies all the elements at "Statement" level that are relevant to the Swiss ISO 20022 Payment Standard (namely "Report" for "camt.052" and "Notification" for "camt.054").

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.0	Statement	Stmt	1..n	M	Is only delivered once. Details about the statement for which the following information is being delivered. This level is described as followed in the various "camt" messages: camt.053: Element name is "Statement", <Stmt> camt.052: Element name is "Report", <Rpt> camt.054: Element name is "Notification", <Ntfcn> This element contains, for camt.053: Report on balances and transactions on an account camt.052: Report on movement within a particular period camt.054: Notification of credits and debits or batch booking breakdown Sub-elements also apply to "camt.052" (Report) and "camt.054" (Notification), unless mentioned explicitly.	
2.1	Statement +Identification	Id	1..1	M	Unique Statement Identification. This ID is unique for a period of at least one calendar year.	All: Field :20: Transaction Reference Number
2.2	Statement +Electronic Sequence Number	ElctrncSeqNb	0..1	M	This field must be completed and shows the current statement number for the year (per day and within a day).	Field :28C: Statement/Sequence Number The element :28C: equates in the "camt" to the following elements: <GrpHdr>/<PgNb>: Sequence number <Stmt>/<ElctrncSeqNb>: Statement number Example: 28C: 50/1 <GrpHdr>/<PgNb>: 1 <Stmt>/<ElctrncSeqNb>: 50
2.4	Statement +Creation Date Time	CreDtTm	1..1	M	Date and time of creation of the statement	053/940: Does not correspond 052/94n: Corresponds to field :13D: 054/9n0: Does not correspond
2.5	Statement +From To Date	FrToDt	0..1	O		
2.5	Statement +From To Date ++From Date Time	FrDtTm	1..1	M		
2.5	Statement +From To Date ++To Date Time	ToDtTm	1..1	M		
2.6	Statement +CopyDuplicateIndicator	CpyDplctInd	0..1	O	Details of the current message type (copy, duplicate, copy of a duplicate). All 3 values (CODU/COPY/DUPL) are permitted. This element is not delivered in the original message. Messages to other recipients of the original message contain the value "COPY". If a message is created again, it contains the value "DUPL" for the original recipient and "CODU" for other recipients.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.7	Statement +Reporting Source	RptgSrc	0..1	O		
2.8	Statement +Reporting Source ++Code	Cd	1..1	O	The following values can be used: • DBTN - Debit Notification • CDTN - Credit Notification collects	
2.9	Statement +Reporting Source ++Proprietary	Prtry	1..1	O	The following values can be used: • C53F – Collective Booking Statement – FI collects • C53C – Collective Booking Statement – Customer collects • C52F – Collective Booking Account Report – FI collects • C52C – Collective Booking Account Report – Customer collects	
2.10	Statement +Account	Acct	1..1	M	Information about the account, its owner and the financial institution.	
2.10	Statement +Account ++Identification	Id	1..1	M	This element is used as follows: • IBAN or • Proprietary Account	
2.10	Statement +Account ++Identification +++IBAN	IBAN	1..1	D	If used, then "Proprietary Account" must not be present.	All: Field :25: Account Identification (if an IBAN is used)
2.10	Statement +Account ++Identification +++Other	Othr	1..1	D	If used, then "IBAN" must not be present.	
2.10	Statement +Account ++Identification +++Other ++++Identification	Id	1..1	M	Proprietary account number Must be used if "Other" is used.	All: Field :25: Account Identification (if proprietary account numbers are used)
2.10	Statement +Account ++Owner	Ownc	0..1	O	Information about the account holder	
2.10	Statement +Account ++Owner +++Name	Nm	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address	PstlAdr	0..1	O	Not normally sent. (This information is redundant for the message recipient, as it is implicitly already known from the account details). This definition of an address also applies to addresses used in the following components.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.10	Statement +Account ++Owner +++Postal Address ++++Address Type	AdrTp	0..1	O	Not normally sent.	
2.10	Statement +Account ++Owner +++Postal Address ++++Department	Dept	0..1	O	Not normally sent.	
2.10	Statement +Account ++Owner +++Postal Address ++++Sub Department	SubDept	0..1	O	Not normally sent.	
2.10	Statement +Account ++Owner +++Postal Address ++++Street Name	StrtNm	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address ++++Building Number	BldgNb	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address ++++Post Code	PstCd	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address ++++Town Name	TwnNm	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address ++++Country Subdivision	CtrySubDvsn	0..1	O	Not normally sent.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.10	Statement +Account ++Owner +++Postal Address ++++Country	Ctry	0..1	O		
2.10	Statement +Account ++Owner +++Postal Address ++++Address Line	AdrLine	0..7	O	Max. four lines are sent. This element includes additional information which cannot be shown in the structured fields (e.g. PO Box).	
2.10	Statement +Account ++Owner +++Identification	Id	0..1	O		
2.10	Statement +Account ++Owner +++Identification ++++Organisation Identification	OrgId {Or	1..1	D	Either the "BIC Or BEI" element or an element from "Other" can be used. If used, then "Private Identification" must not be present.	
2.10	Statement +Account ++Owner +++Identification ++++Private Identification	PrvtId Or}	1..1	D	Either the "Date And Place Of Birth" element or an element from "Other" can be used. If used, then "Organisation Identification" must not be present.	
2.10	Statement +Account ++Servicer	Svcr	0..1	O		
2.23	Statement +Balance	Bal	1..n	M	The content of the "camt.053", "camt.052" and "camt.054" messages differs only in the use of this element. The following rules apply: • camt.053: Is always sent. • camt.052: Can be sent. • camt.054: Is not sent.	
2.24	Statement +Balance ++Type	Tp	1..1	M	Type of balance	
2.25	Statement +Balance ++Type +++Code or Proprietary	CdOrPrtry	1..1	M		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.26	Statement +Balance ++Type +++Code or Proprietary ++++Code	Cd Or	1..1	M	Type of booking In Switzerland, the following values are used: 1. For "camt.053" always used: • OPBD (Opening Booked) • CLBD (Closing Booked) • INFO (Information): Only available in "camt" Version 4. 2. Can be used for "camt.053" and "camt.052": • CLAV (Closing Available) • FWAV (Forward Available): Only used in "camt.052". • ITAV (Interim Available) • ITBD (Interim Booked) • CLAV (Closing Available)	
2.27	Statement +Balance ++Type +++Code or Proprietary ++++Proprietary	Prtry Or	1..1	N		
2.28	Statement +Balance ++Type +++Sub Type	SubTp	0..1	O		
2.29	Statement +Balance ++Type +++Sub Type ++++Code	Cd Or	1..1	M	Multipage statement: where an account statement is divided into more than one message (e.g. because of space limitations, <Message Pagination><Page Number> greater than 1), the relevant interim balances are identified with the code "INTM". • INTM (Intermediate)	
2.30	Statement +Balance ++Type +++Sub Type ++++Proprietary	Prtry Or	1..1	N		
2.34	Statement +Balance ++Amount	Amt	1..1	M		053/940: "Currency and Amount" from Field :60: "Opening Balance" and Field :62: "Closing Balance" 052/94n: Does not correspond 054/9n0: Does not correspond
2.35	Statement +Balance ++Credit Debit Indicator	CdtDbtInd	1..1	M		053/940: "D/C Mark" from Field :60: "Opening Balance" or from Field :62: "Closing Balance" 052/94n: Does not correspond 054/9n0: Does not correspond
2.36	Statement +Balance ++Date	Dt	1..1	M	Date of balance depending on "Balance Type"	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.36	Statement +Balance ++Date +++Date	Dt {Or	1..1	D	If used, then "Date Time" must not be present.	053/940: "Date" from Field :60: "Opening Balance" or from Field :62: "Closing Balance" 052/94n: Does not correspond 054/9n0: Does not correspond
2.36	Statement +Balance ++Date +++Date Time	DtTm Or}	1..1	D	If used, then "Date" must not be present.	
2.43	Statement +Transactions Summary	TxsSummry	0..1	O	Totals per statement. Contains the total for the entries and the breakdown into credits and debits.	
2.44	Statement +Transactions Summary ++Total Entries	TtlNtries	0..1	O	Summary of all account movements	
2.45	Statement +Transactions Summary ++Total Entries +++Number Of Entries	NbOfNtries	0..1	O	Total number of account movements	
2.46	Statement +Transactions Summary ++Total Entries +++Sum	Sum	0..1	O	Total amount for all account movements of this statement	
2.47	Statement +Transactions Summary ++Total Entries +++Total Net Entry Amount	TtlNetNtryAmt	0..1	O	Changes to the status of the account as a result of all the account movements shown in the statement	
2.48	Statement +Transactions Summary ++Total Entries +++Credit Debit Indicator	CdtDbtInd	0..1	O	Shows whether the change (element "Total Net Entry Amount") is positive or negative	
2.49	Statement +Transactions Summary ++Total Credit Entries	TtlCdtNtries	0..1	O	Total of all credits of this statement	
2.50	Statement +Transactions Summary ++Total Credit Entries +++Number Of Entries	NbOfNtries	0..1	O	Number of all credits of this statement	053/940: Does not correspond 052/94n: Element "Number" from Field :90C: 054/9n0: Does not correspond
2.51	Statement +Transactions Summary ++Total Credit Entries +++Sum	Sum	0..1	O	Total amount of all individual credits of this statement	053/940: Does not correspond 052/94n: Element "Amount" from Field :90C: 054/9n0: Does not correspond

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.52	Statement +Transactions Summary ++Total Debit Entries	TtlDbtNtries	0..1	O	Total of all debits of this statement	
2.53	Statement +Transactions Summary ++Total Debit Entries +++Number Of Entries	NbOfNtries	0..1	O	Number of all debits of this statement	053/940: Does not correspond 052/94n: Element "Number" from Field :90D: 054/9n0: Does not correspond
2.54	Statement +Transactions Summary ++Total Debit Entries +++Sum	Sum	0..1	O	Total amount of all individual debits of this statement	053/940: Does not correspond 052/94n: Element "Amount" from Field :90D: 054/9n0: Does not correspond
2.55	Statement +Transactions Summary ++Total Entries per Bank Transaction Code	TtlNtriesPerBkTxCd	0..n	O	Summary of all account movements, grouped by "Bank Transaction Code" (BTC)	
2.56	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Number Of Entries	NbOfNtries	0..1	O	Number of all account movements per BTC	
2.57	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Sum	Sum	0..1	O	Total amount of all account movements per BTC	
2.58	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Total Net Entry Amount	TtlNetNtryAmt	0..1	O	Change to the status of the account as a result of all the account movements per BTC shown in the statement	
2.59	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Credit Debit Indicator	CdtDbtInd	0..1	O	Shows whether the change ("Total Net Entry Amount" element) is positive or negative	
2.60	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Forecast Indicator	FcstInd	0..1	O	Shows whether the information applies to booked or pending account movements	
2.61	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code	BkTxCd	1..1	M	Bank Transaction Code This element provides information about the type of booking.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.62	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Domain	Domn	0..1	M	Domain of the "Bank Transaction Code" Is always sent in Switzerland.	
2.63	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Domain +++++Cd	Cd	1..1	M	Domain code of the "Bank Transaction Code" Is always sent in Switzerland.	
2.64	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Domain +++++Family	Fmly	1..1	M	Family of the "Bank Transaction Code" Is always sent in Switzerland.	
2.65	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Domain +++++Family +++++Cd	Cd	1..1	M	Family code of the "Bank Transaction Code" Is always sent in Switzerland.	
2.66	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Domain +++++Family +++++Sub Family Code	SubFmlyCd	1..1	M	Sub family code of the "Bank Transaction Code" Is always sent in Switzerland.	
2.67	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Proprietary	Prtry	0..1	O		
2.68	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Proprietary +++++Code	Cd	1..1	M		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.69	Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Bank Transaction Code ++++Proprietary +++++Issuer	Issr	0..1	O		

Table 5: Statement/Report/Notification (B-Level)

3.2.3 Entry (Ntry, C-Level)

The "Entry" element (C-Level) contains the sub-elements which describe a single entry on the account in question. One entry can combine several transactions. The details of these transactions are described in 3.2.4 "Entry Details (NtryDtls, D-Level)".

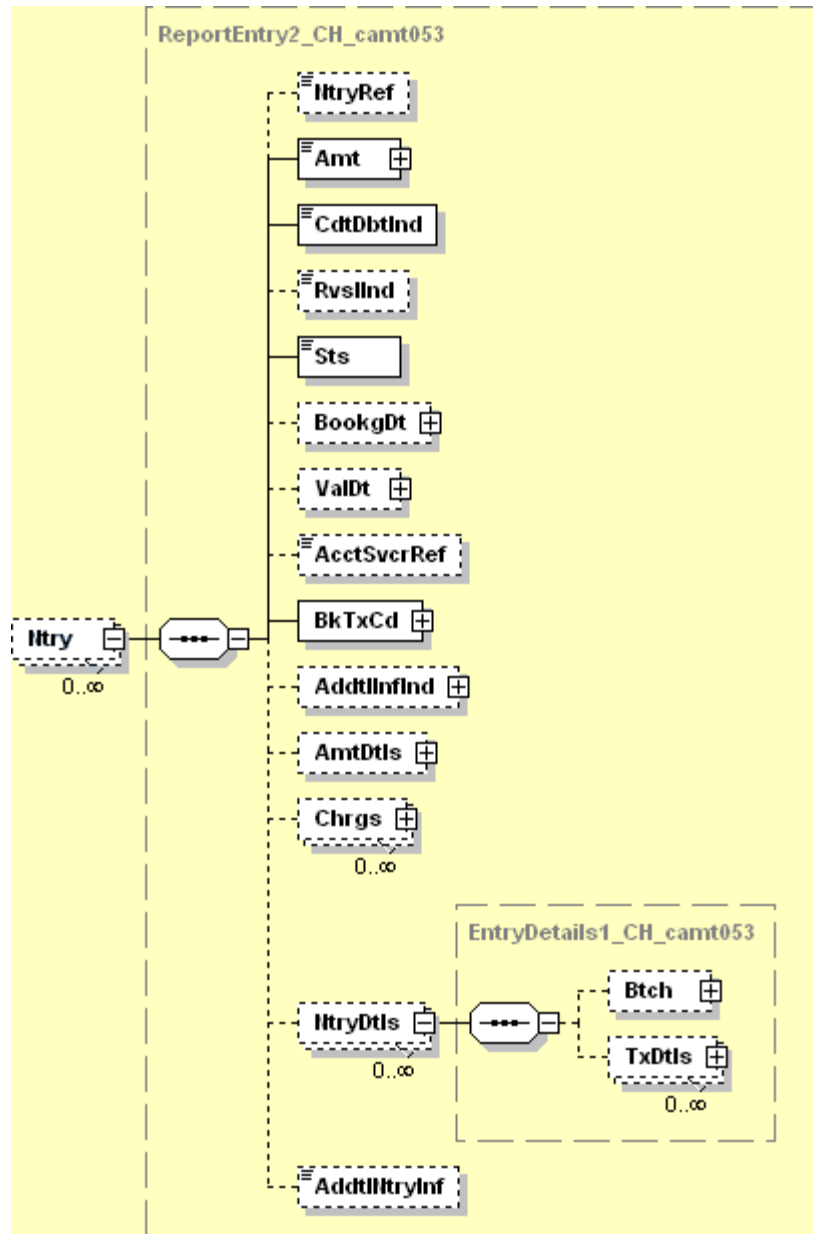


Figure 7: Entry (Ntry)

The following differences from "camt.053" apply to "camt.052" and "camt.054":

Element	camt.052	camt.054
Entry Status <Sts>	Status "PDNG" permitted	Status "PDNG" permitted

The following table specifies all the parts of the "Entry" element which are relevant to the Swiss ISO 20022 Payment Standard.

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.76	Entry	Ntry	0..n	O	Detailed information about a single entry Is always sent, provided at least 1 account movement has taken place. If there has been no account movement and only account balances are being reported, this element is not sent. camt.052/053: This element is optional. camt.054: This element is always sent.	053/940: Does not correspond 052/94n: Does not correspond 054/9n0: Does not correspond
2.77	Entry +Entry Reference	NtryRef	0..1	O	ISR participant number in the format 010001628 or ISR-IBAN in the format CH9912345012345678901	
2.78	Entry +Amount	Amt	1..1	M	Amount and currency of the entry The currency shown in the "Amount" field at "Entry" level is the same as the account currency. Note: the currency is always sent as an attribute of the "Amount" element.	053/940: Subfield 5 (Amount) from Field :61:, Currency from Field:60a: Currency 052/94n: Subfield 5 (Amount) from Field :61:, Currency from Field:60a: Currency 054/9n0: Subfield 2+3 (Currency, Amount) from Field :32A:
		@ Ccy		M	Currency code	
2.79	Entry +Credit Debit Indicator	CdtDbtInd	1..1	M	Indicator of credit or debit entry	053/940: Subfield 3 (Debit/Credit Mark) from Field :61: 052/94n: Subfield 3 (Debit/Credit Mark) from Field :61: 054/9n0: "DBIT" with MT900, "CRDT" with MT910
2.80	Entry +Reversal Indicator	RvslInd	0..1	O	Indicator shows whether the entry is a cancellation booking. It should only be present for a transaction (Entry) that results from a cancellation. If the "Credit Debit Indicator" is "CRDT" and the "Reversal Indicator" is "TRUE", then the original entry was a debit entry. If the "Credit Debit Indicator" is "DBIT" and the "Reversal Indicator" is "TRUE", then the original entry was a credit entry.	
2.81	Entry +Status	Sts	1..1	M	Status of an entry Swiss financial institutions offer all codes: • BOOK (Booked) • PDNG (Pending) • INFO (Information): Not used in Switzerland. camt.053: Only "BOOK" is sent. camt.052/054: "BOOK" and "PDNG" may be sent.	
2.82	Entry +Booking Date	BookgDt	0..1	O	Corresponds to the booking date. camt.053: Element is always sent. camt.052: Element may be sent. camt.054: Element may be sent.	
2.82	Entry +Booking Date ++Date	Dt {Or	1..1	D	If used, then "Date Time" must not be present.	053/940: Subfield 2 (Entry Date) from Field :61: 052/94n: Subfield 2 (Entry Date) from Field :61: 054/9n0: Does not correspond
2.82	Entry +Booking Date ++Date Time	DtTm Or}	1..1	D	If used, then "Date" must not be present.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.83	Entry +Value Date	ValDt	0..1	O	Corresponds to the value date.	
2.83	Entry +Value Date ++Date	Dt {Or	1..1	D	If used, then "Date Time" must not be present.	053/940: Subfield 1 (Value Date) from Field :61: 052/94n: Subfield 1 (Value Date) from Field :61: 054/9n0: Subfield 1 (Date) from Field :32A:
2.83	Entry +Value Date ++Date Time	DtTm Or}	1..1	D	If used, then "Date" must not be present.	
2.84	Entry +Account Servicer Reference	AcctSvcrRef	0..1	O	Unique reference for the entry, assigned by the financial institution.	053/940: Subfield 8 (Account Servicing Institution Reference) from Field :61: 052/94n: Subfield 8 (Account Servicing Institution Reference) from Field :61: 054/9n0: Feld :20:
2.91	Entry +Bank Transaction Code	BkTxCd	1..1	M	Bank Transaction Code This element provides details of the type of entry.	
2.92	Entry +Bank Transaction Code ++Domain	Domn	0..1	M	Domain for the "Bank Transaction Code" Always sent in Switzerland.	
2.93	Entry +Bank Transaction Code ++Domain +++Code	Cd	1..1	M	Domain code for the "Bank Transaction Code" Always sent in Switzerland.	
2.94	Entry +Bank Transaction Code ++Domain +++Family	Fmly	1..1	M	Family of the "Bank Transaction Code" Always sent in Switzerland.	
2.95	Entry +Bank Transaction Code ++Domain +++Family ++++Code	Cd	1..1	M	Family code for the "Bank Transaction Code" Always sent in Switzerland.	
2.96	Entry +Bank Transaction Code ++Domain +++Family ++++Sub Family Code	SubFmlyCd	1..1	M	Sub family code for the "Bank Transaction Code" Always sent in Switzerland.	
2.97	Entry +Bank Transaction Code ++Proprietary	Prtry	0..1	O		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.98	Entry +Bank Transaction Code ++Proprietary +++Code	Cd	1..1	M		
2.99	Entry +Bank Transaction Code ++Proprietary +++Issuer	Issr	0..1	O		
2.101	Entry +Additional Information Indicator	AddtlInfInd	0..1	O	This element can contain a reference to the separate information in a "camt.054" message. camt.053: Element may be sent. camt.052: Element may be sent. camt.054: Element is not used.	
2.102	Entry +Additional Information Indicator ++Message Name Identification	MsgNmId	0..1	O	Name (type) of message containing the details of this transaction	
2.103	Entry +Additional Information Indicator ++Message Identification	MsgId	0..1	O	ID of the message containing the details of this transaction	
2.104	Entry +Amount Details	AmtDtls	0..1	O		
2.104	Entry +Amount Details ++Transaction Amount	TxAmt	0..1	O		
2.104	Entry +Amount Details ++Transaction Amount +++Amount	Amt	1..1	M		
2.104	Entry +Amount Details ++Transaction Amount +++Currency Exchange	CcyXchg	0..1	O		
2.104	Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Source Currency	SrcCcy	1..1	M		
2.104	Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Target Currency	TrgtCcy	0..1	O		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.104	Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Exchange Rate	XchgRate	1..1	M	Exchange rate Exchange rate in a currency unit of 1 (e.g. £, \$, EUR). Also applies to currencies which are normally shown in currency units of 100 (e.g. YEN, DKK, SEK).	
2.105	Entry +Charges	Chrgs	0..n	O	Single Advice: N/A Batchbooking: Total charges for a single transaction	
2.106	Entry +Charges ++Total Charges And Tax Amount	TtlChrgsAndTaxAmt	0..1	O		
2.107	Entry +Charges ++Amount	Amt	1..1	M		
2.109	Entry +Charges ++Type	Tp	0..1	O		
2.110	Entry +Charges ++Type +++Code	Cd {Or	1..1	M		
2.111	Entry +Charges ++Type +++Proprietary	Prtry Or}	1..1	M		
2.111	Entry +Charges ++Type +++Proprietary ++++Identification	Id	1..1	M		
2.111	Entry +Charges ++Type +++Proprietary ++++Issuer	Issr	0..1	O		
2.112	Entry +Charges ++Rate	Rate	0..1	O		
2.135	Entry +Entry Details	NtryDtls	0..n	O	Contains details about the entry.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.136	Entry +Entry Details ++Batch	Btch	0..1	O		
2.136	Entry +Entry Details ++Transaction Details	TxDtls	0..n	O		
2.314	Entry +Additional Entry Information	AddtlNtryInf	0..1	O	This element may be used optionally by Swiss financial institutions for further information at "Entry" level (e.g. for booking information or to show charges which are not directly deducted from the entry).	053/940: Field :86: Information to Account Owner. 052/94n: Field :86: Information to Account Owner. 054/9n0: Does not correspond.

Table 6: Report Entry (Ntry, C-Level)

3.2.4 Entry Details (NtryDtls, D-Level)

The "Entry Details" level consists of the "Batch" and "Transaction Details" blocks.

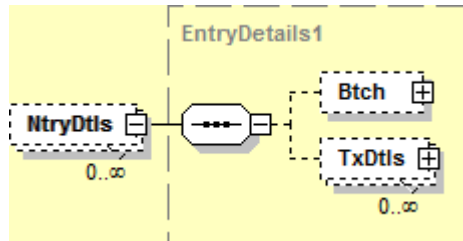


Figure 8: Entry Details (NtryDtls)

3.2.5 Batch (Btch, D-Level)

The "Batch" level contains information about the original order message and about the number of transactions in this booking.

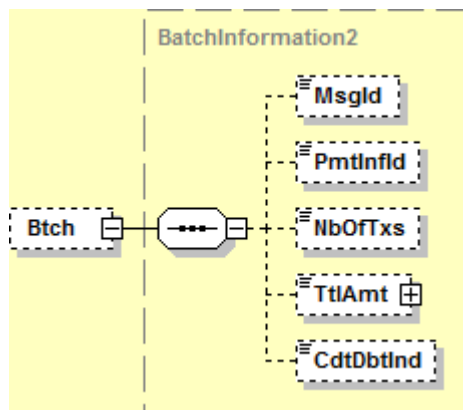


Figure 9: Batch (Btch)

The following table specifies all the elements of the "Batch" that are relevant to the Swiss ISO 20022 Payment Standard.

ISO-20022-Standard				Schweizer ISO-20022-Zahlungsstandard		
Index	Message Item	XML Tag	Mult.	St.	Generelle Definition	SWIFT MT
2.136	Batch	Btch	0..1	O		
2.137	Batch +Message Identification	MsgId	0..1	O		
2.138	Batch +Payment Information Identification	PmtInfId	0..1	O	Identification from the original order message (B-Level from "pain.001" or "pain.008")	
2.139	Batch +Number Of Transactions	NbOfTxs	0..1	O	Number of transactions (Transaction Details), which are referenced in the relevant booking (C-Level).	
2.140	Batch +Total Amount	TtlAmt	0..1	O		

Table 7: Batch (Btch)

3.2.6 Transaction Details (TxDtIs, D-Level)

The "Transaction Details" entry contains booking details about the entry, e.g. the end-to-end identification and other information about the transactions that are summarised in the overall account entry.

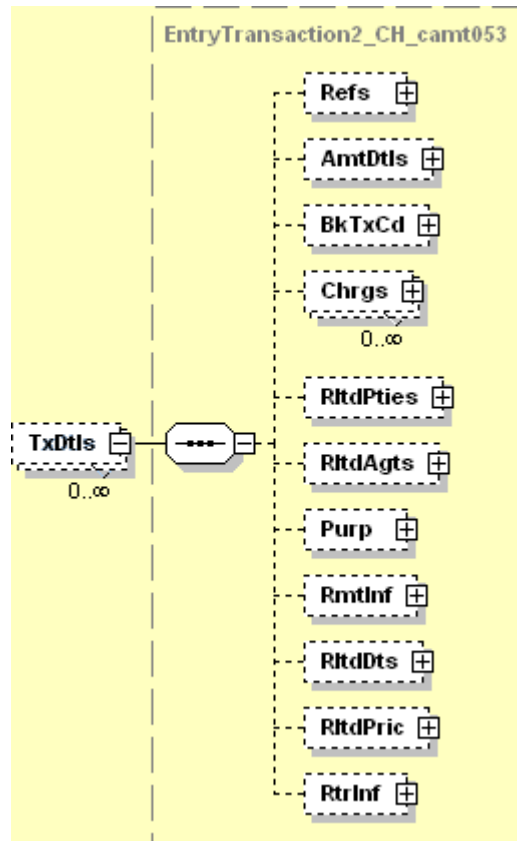


Figure 10: Transaction Details (TxDtIs)

The following table specifies all the elements of the "Transaction Details" that are relevant to the Swiss ISO 20022 Payment Standard.

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.142	Transaction Details	TxDtls	0..n	M	Contains transaction details about the booking, e.g. the end-to-end identification and other remittance information. Description see section "Transaction Details (TxDtIs, D-Level)".	
2.143	Transaction Details +References	Refs	0..1	O	References to the original transaction in relation to which these details are being sent.	
2.144	Transaction Details +References ++Message Identification Reference	MsgId	0..1	O	"Message Identification" (A-Level) from the original instruction message (e.g. from "pain.001" or MT103, Field :20:)	
2.145	Transaction Details +References ++Account Servicer Reference	AcctSvcrRef	0..1	O	If references other than to C-Level are available in the same element, these could be given here (e.g. C-Level = collective reference and D-Level = breakdown for each transaction in the batch). In the case of separate transactions (one C- and one D-Level), the reference is the same.	
2.146	Transaction Details +References ++Payment Information Identification	PmtInfId	0..1	O	Identification from the original instruction message (B-Level from "pain.001" or "pain.008")	
2.147	Transaction Details +References ++Instruction Identification	InstId	0..1	O	ID of the C-Level from the original instruction ("pain.001" or "pain.008") is sent back to the relevant initiating party.	
2.148	Transaction Details +References ++End To End Identification	EndToEndId	0..1	O	Customer reference for the debtor from the original instruction is sent throughout (C-Level from "pain.001"). In the case of "pain.008" this may be the reference for the payment recipient.	According to the SWIFT mapping rules, this field :61:, Sub-field 7 (Reference Account Owner) corresponds to MT940 in SWIFT.
2.150	Transaction Details +References ++Mandate Identification	MndtId	0..1	O	Mandate identification from the original Direct Debit instruction (C-Level, from "pain.008")	
2.150	Transaction Details +References ++Cheque Number	ChqNb	0..1	O		
2.156	Transaction Details +Amount Details	AmtDtIs	0..1	O	Further information about the transaction amount The following elements may be offered depending on the financial institution.	
2.156	Transaction Details +Amount Details ++Instructed Amount	InstdAmt	0..1	O	Amount exchanged between the debtor and the creditor (Instructed amount and currency as shown in the "Instructed Amount" from "pain.001").	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Amount	Amt	1..1	M	Amount and currency	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange	CcyXchg	0..1	O	Information about the exchange rate The sub-elements for this element are also possible for the following elements: • "Transaction amount" and • "Counter value amount" The following elements are not supported in the Swiss standard: • "Announced posting amount" and • "Proprietary amount"	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange ++++Source Currency	SrcCcy	1..1	M	Original currency	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange ++++Target Currency	TrgtCcy	0..1	O	Target currency	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange ++++Unit Currency	UnitCcy	0..1	O	Exchange currency	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange ++++Exchange Rate	XchgRate	1..1	M	Exchange rate Exchange rate in a currency unit of 1 (e.g. £, \$, EUR). Also applies to currencies which are normally shown in currency units of 100 (e.g. YEN, DKK, SEK). Exchange rate	
2.156	Transaction Details +Amount Details ++Instructed Amount +++Currency Exchange ++++Quotation Date	QtnDt	0..1	O	Date of exchange	
2.156	Transaction Details +Amount Details ++Transaction Amount	TxAmt	0..1	O	Information about the transaction amount: the amount exchanged between the financial institutions involved (credit amount). For sub-elements see element "Instructed Amount" <InstdAmt>.	
2.156	Transaction Details +Amount Details ++Transaction Amount +++Amount	Amt	1..1	M	Transaction amount: The amount that is exchanged between the financial institutions that are involved.	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.156	Transaction Details +Amount Details ++Transaction Amount +++Currency Exchange	CcyXchg	0..1	O		
2.156	Transaction Details +Amount Details ++Transaction Amount +++Currency Exchange ++++Source Currency	SrcCcy	1..1	O		
2.156	Transaction Details +Amount Details ++Transaction Amount +++Currency Exchange ++++Target Currency	TrgtCcy	0..1	O		
2.156	Transaction Details +Amount Details ++Transaction Amount +++Currency Exchange ++++Exchange Rate	XchgRate	1..1	O		
2.156	Transaction Details +Amount Details ++Counter Value Amount	CntrValAmt	0..1	O	Counter value in account currency For sub-elements see element "Instructed Amount" <InstdAmt>.	
2.163	Transaction Details +Bank Transaction Code	BkTxCd	0..1	O	Information about the type of transaction. External code list similar to the element at C-Level. Code at D-Level may be different from at C-Level, e.g. in a batch breakdown (see also Swiss code list in the appendix).	
2.172	Transaction Details +Charges	Chrgs	0..n	O	This element can contain charges.	
2.174	Transaction Details +Charges ++Amount	Amt	1..1	M		
2.180	Transaction Details +Charges ++Bearer	Br	0..1	O	The sub-element "Charge Bearer" can also be used to show who is responsible for the charges. There is a fixed list of codes: • DEBT • CRED • SHAR • SLEV See Business Rules [6], section 2.1.	

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.199	Transaction Details +Related Parties	RltdPties	0..1	O	Related parties, where known, can be shown on the statement. Sub-elements as in the ISO standard. Below, those elements are listed which are understood and delivered in the same way by Swiss financial institutions. In the case of R-transactions, the parties involved (Creditor/Debtor, Ultimate Creditor/Ultimate Debtor) retain their roles from the original transaction.	
2.200	Transaction Details +Related Parties ++Initiating Party	InitgPty	0..1	O	Initiating Party	
2.200	Transaction Details +Related Parties ++Initiating Party +++Postal Address	PstlAdr	0..1	O	Address of Initiating Party For sub-elements see element 2.10, "Statement/Account/Owner/Postal Address"	
2.201	Transaction Details +Related Parties ++Debtor	Dbtr	0..1	O	Debtor	
2.201	Transaction Details +Related Parties ++Debtor +++Name	Nm	0..1	O	Name of debtor (for credit transfers)	
2.201	Transaction Details +Related Parties ++Debtor +++Postal Address	PstlAdr	0..1	O	Address of debtor For sub-elements see element 2.10, "Statement/Account/Owner/Postal Address"	
2.201	Transaction Details +Related Parties ++Debtor +++Identification	Id	0..1	O	ID of debtor (for credit transfers)	
2.202	Transaction Details +Related Parties ++Debtor Account	DbtrAcct	0..1	O	Account of debtor	
2.203	Transaction Details +Related Parties ++Ultimate Debtor	UltmtDbtr	0..1	O	Ultimate debtor	
2.203	Transaction Details +Related Parties ++Ultimate Debtor +++Name	Nm	0..1	O	Name of ultimate debtor (for credit transfers)	

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.203	Transaction Details +Related Parties ++Ultimate Debtor +++Postal Address	PstlAdr	0..1	O	Address of ultimate debtor For sub-elements see element 2.10, "Statement/Account/Owner/Postal Address"	
2.203	Transaction Details +Related Parties ++Ultimate Debtor +++Identification	Id	0..1	O	ID of ultimate debtor (for credit transfers)	
2.204	Transaction Details +Related Parties ++Creditor	Cdtr	0..1	O	Creditor	
2.204	Transaction Details +Related Parties ++Creditor +++Name	Nm	0..1	O	Name of creditor (for credit transfers)	
2.204	Transaction Details +Related Parties ++Creditor +++Postal Address	PstlAdr	0..1	O	Address of creditor For sub-elements see element 2.10, "Statement/Account/Owner/Postal Address"	
2.204	Transaction Details +Related Parties ++Creditor +++Identification	Id	0..1	O	ID of creditor (for credit transfers)	
2.205	Transaction Details +Related Parties ++Creditor Account	CdtrAcct	0..1	O	Account of creditor	
2.206	Transaction Details +Related Parties ++Ultimate Creditor	UltmtCdtr	0..1	O	Ultimate creditor	
2.206	Transaction Details +Related Parties ++Ultimate Creditor +++Name	Nm	0..1	O	Name of ultimate creditor (for credit transfers)	
2.206	Transaction Details +Related Parties ++Ultimate Creditor +++Postal Address	PstlAdr	0..1	O	Address of ultimate creditor For sub-elements see element 2.10, "Statement/Account/Owner/Postal Address"	
2.206	Transaction Details +Related Parties ++Ultimate Creditor +++Identification	Id	0..1	O	ID of ultimate creditor (for credit transfers)	

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.208	Transaction Details +Related Parties ++Proprietary	Prtry	0..n	O		
2.209	Transaction Details +Related Parties ++Proprietary +++Type	Tp	1..1	O		
2.210	Transaction Details +Related Parties ++Proprietary +++Party	Pty	1..1	O		
2.211	Transaction Details +Related Agents	RltdAgts	0..1	O	Related financial institutions, where known Sub-elements as in the ISO standard In the case of R-transactions, the parties involved (Creditor Agent/ Debtor Agent, Intermediary Agent 1) retain their roles from the original transaction.	
2.212	Transaction Details +Related Agents ++Debtor Agent	DbtrAgt	0..1	O	Debtor's financial institution Sub-elements as in the ISO standard	
2.213	Transaction Details +Related Agents ++Creditor Agent	CdtrAgt	0..1	O	Creditor's financial institution Sub-elements as in the ISO standard	
2.214	Transaction Details +Related Agents ++Intermediary Agent 1	IntrmyAgt1	0..1	O	Intermediary financial institution 1 Sub-elements as in the ISO standard	
2.224	Transaction Details +Purpose	Purp	0..1	O	Reason for the transaction, taken from the instruction. "Purpose" (e.g. "SALA") may be shown for the initiating party and the creditor, depending on how consistent the systems are. The codes are administered in an external list (type "External Purpose Code", see www.iso20022.org).	
2.225	Transaction Details +Purpose ++Code	Cd	1..1	O	Code from the list of values for "Purpose"	
2.226	Transaction Details +Purpose ++Proprietary	Prtry	1..1	N		
2.234	Transaction Details +Remittance Information	RmtInf	0..1	O	The field consists of a number of sub-elements. In Switzerland the field <CdtrRefInf> can be filled in, where in the instruction the structured "Creditor Reference" is given (e.g. ISR reference, IPI reference or the new international "Creditor's Reference" according to ISO 11649).	

ISO 2022 Standard				Swiss ISO 2022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.235	Transaction Details +Remittance Information ++Unstructured	Ustrd	0..n	O	This element can contain unstructured messages, e.g. for messages from a "pain.001" instruction or booking information. The element can occur more than once.	
2.236	Transaction Details +Remittance Information ++Structured	Strd	0..n	O	The field consists of a number of sub-elements. In Switzerland the field <CdtrRefInf> can be filled in, where in the instruction the structured "Creditor Reference" is given (e.g. ISR reference, IPI reference or the new international "Creditor's Reference" according to ISO 11649).	
2.266	Transaction Details +Related Dates	RltdDts	0..1	O	This element can be used optionally by Swiss financial institutions to enter dates.	
2.267	Transaction Details +Related Dates ++Acceptance DateTime	AccptncDtTm	0..1	O		
2.270	Transaction Details +Related Dates ++Interbank Settlement Date	IntrBkSttlmDt	0..1	O	Interbank Settlement Date	
2.277	Transaction Details +Related Price	RltdPric	0..1	O	This element can be used optionally by Swiss financial institutions to enter prices which are not directly de-ducted from the booking amount (e.g. a sum total of all e-banking or express charges at the end of the month).	
2.293	Transaction Details +Return Information	RtrInf	0..1	O		
2.294	Transaction Details +Return Information ++Original Bank Transaction Code	OrgnlBkTxCd	0..1	O		
2.303	Transaction Details +Return Information ++Originator	Orgtr	0..1	O		
2.304	Transaction Details +Return Information ++Reason	Rsn	0..1	O		
2.305	Transaction Details +Return Information ++Reason +++Code	Cd {Or	1..1	O		
2.306	Transaction Details +Return Information ++Reason +++Proprietary	Prtry Or}	1..1	N		

ISO 20022 Standard				Swiss ISO 20022 Payments Standard		
Index	Message Item	XML Tag	Mult.	St.	General Definition	SWIFT MT
2.307	Transaction Details +Return Information ++Additional Information	AddtlInf	0..n	O		

Table 8: Transaction Details (TxDtls, D-Level)

Use of the ISO version 2013 "camt.053.001.04"

Instead of the ISO version 2009, financial institutions can also use the "camt" messages in the ISO version 2013 "camt.053.001.04", which supports more elements under "Entry" and "Entry Details/Transaction Details" (for example, "Charges/ Record", "Amount" and "Credit Debit Indicator" elements, including for charges which were not deducted from the transaction amount).

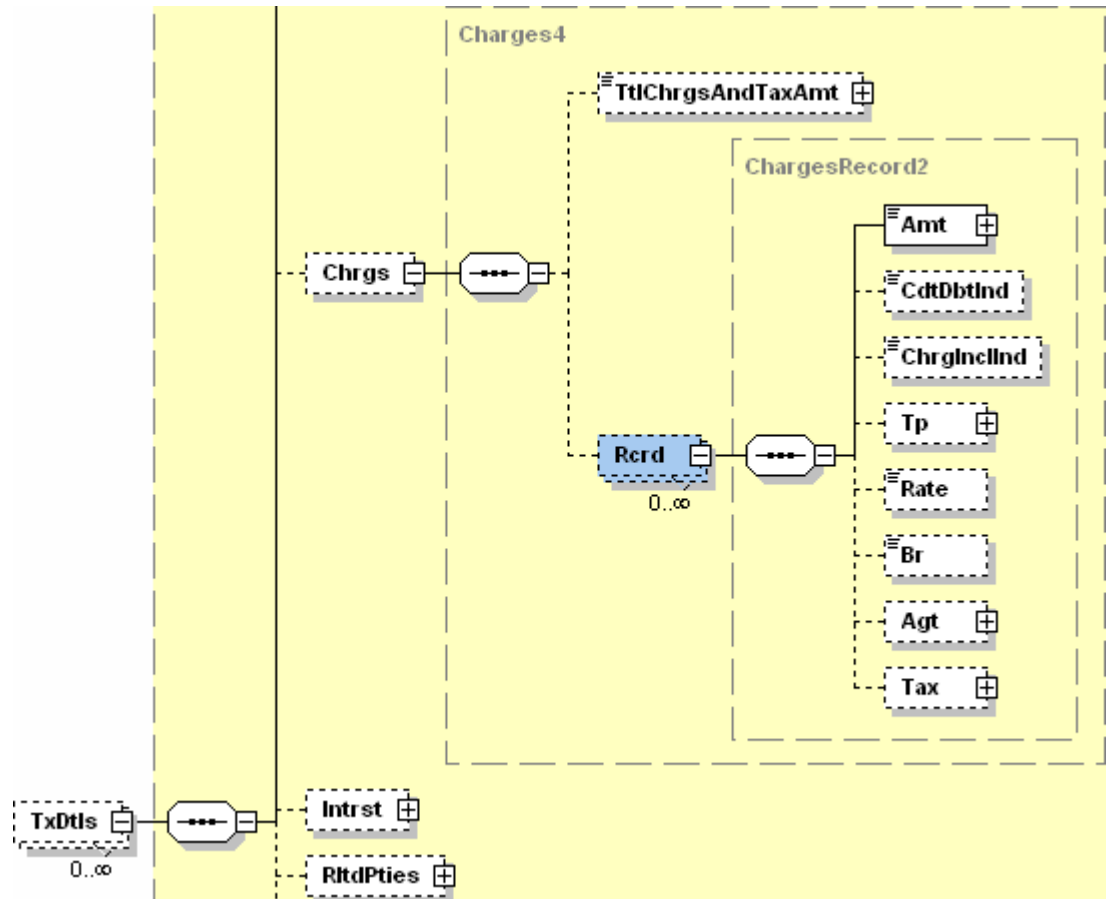


Figure 11: Use of the ISO version 2013 "camt.053.001.04"

The section "Charges/Record" is mainly used with ISR credits where Batchbooking =TRUE for:

- ISR Type 3: Prices for in-payments/follow-on processing of ISR+
- ISR Type 4: Charges

4 Bank-to-Customer Report (camt.052)

Unlike the "Bank-to-Customer Statement" (camt.053), the "Bank-to-Customer Report" (camt.052) message contains intraday account movements and corresponds to the SWIFT FIN messages MT941 and MT942. Generally the customer receives such reports at regular intervals (e.g. hourly).

The name and data type of the element it contains is now "Report" instead of "Statement" (see section 3.2.2 "Statement (Stmnt, B-Level)"). "Report" is used instead of "Statement" as a component of all sub-fields (e.g. also as part of a term such as "Additional **Report** Information" instead of "Additional **Statement** Information"). The structure of the content of this new data type is the same except for the aspects described below.

4.1 Balance <Bal>, B-Level

In Switzerland all movements during the day which have the status "BOOK" or "PDNG" are taken into account when calculating the intraday balance.

4.2 Entry Status <Sts>, C-Level

In addition to the status "BOOK" in "camt.053", in "camt.052" the status "PDNG" can also be sent.

5 Bank-to-Customer Debit/Credit Notification (camt.054)

As mentioned in section 2.4 "Options for batch booking breakdown", the "camt.054" message is used both for the detailed notification of batch bookings and also for the notification of credits and debits. The external breakdown of batch bookings using "camt.054" happens separately and in addition to the possible use of "camt.054" for credit and debit notifications.

The name and data type of the element it contains is now "Notification" instead of "Statement" (see section 3.2.2 "Statement (Stmnt, B-Level)"). "Notification" is used instead of "Statement" as a component of all sub-fields (e.g. also as part of a term such as "Additional **Notification** Information" instead of "Additional **Statement** Information"). The structure of the content of this new data type is the same except for the aspects described below.

5.1 Balance <Bal>, B-Level

This message does not contain the "Balance" element.

5.2 Reporting Source <RptgSrc> <Prtry>, B-Level

In the "camt.054", the "Reporting Source" element can be delivered as an AOS to distinguish between the different applications of the "camt.054" message.

<input checked="" type="checkbox"/> AOS	Additional Optional Service	Explanation
	Element Reporting Source	<p>If delivered, the following possible values can be used:</p> <ul style="list-style-type: none"> • C53F Collective Booking Statement – FI collects Prtry • C53C Collective Booking Statement – Customer collects Prtry • C52F Collective Booking Account Report – FI collects Prtry • C52C Collective Booking Account Report – Customer collects Prtry • DBTN Debit Notification (ISO Code) • CDTN Credit Notification (ISO Code)

5.3 Entry Status <Sts>, C-Level

In addition to the "BOOK" status in "camt.053", in "camt.054" the status "PDNG" can also be sent.

6 Business specifications

6.1 Character set

In ISO 20022 XML messages, only characters from the Unicode character set UTF-8 (8-bit Unicode Transformation Format) can be used.

The camt messages are encoded in UTF-8.

As a result of transmitting the original messages via several financial institutions and platforms, it is possible that only a reduced number of characters is delivered. In the case of certain elements (address lines, unstructured transmission information and the like) it is also possible that characters such as special characters or umlauts may have been replaced or removed.

Formatting conventions for fields showing amounts

In the XML context, different formats are permitted in fields showing amounts. To ensure that the payment is processed without problem, the following format should be delivered by the financial institutions:

- No use of leading or final filler characters (space, white space, zero, plus signs).
- A decimal point is always used.
- Even where the amount is a whole number, decimal places are always used (the number of decimal places depends on the currency).

Certain financial institutions may define further restrictions if required.

6.2 References

The following section gives an overview about the references used in the individual messages.

Depending on the business case ("pain.001", "pain.008" or others) on which the bank statement transaction is based, different references are delivered in the camt messages.

6.2.1 References in the processing chain

In the Swiss versions of the ISO messages, the following references, identifications and "Bank Transaction Codes" are used.

Identifier (Point-Point)	Meaning
1: <MsgId>	"Message ID" from the A-Level (Group Header) of the original message (pain.001 or pain.008).
2: <PmtInfId>	"Payment Information ID" from the B-Level of the original message (pain.001 or pain.008).
3: <InstrId>	"Instruction ID" from the C-Level of the original message (pain.001 or pain.008).
10: <TxId>	"Transaction ID" of the corresponding Interbank message (pacs.008 or pacs.003).
References (End-End)	Meaning
4: <EndToEndId>	End-to-end ID created by the initiating party
5: <CrdtRefInf>	Initiating party reference from the "Remittance Information" element. In the case of ISR payments, this element contains the ISR reference number.
Identifications	Meaning
6: <MndtId>	Mandate ID This element is only used with Direct Debits (pain.008).
7: <CrdtId>	Creditor Scheme Identification This element is only used with Direct Debits (pain.008).
Bank Transaction Codes	Meaning
8: <BkTxCd>	Bank Transaction Code The "Bank Transaction Code" may vary within one transaction depending on the role of the recipient of a "camt" message. "Bank Transaction Code" for the creditor.
9: <BkTxCd>	"Bank Transaction Code" for the debtor.

Table 9: References in camt messages

6.2.2 References in payment instructions (pain.001)

The following diagram shows the use of different references in a payment (pain.001).

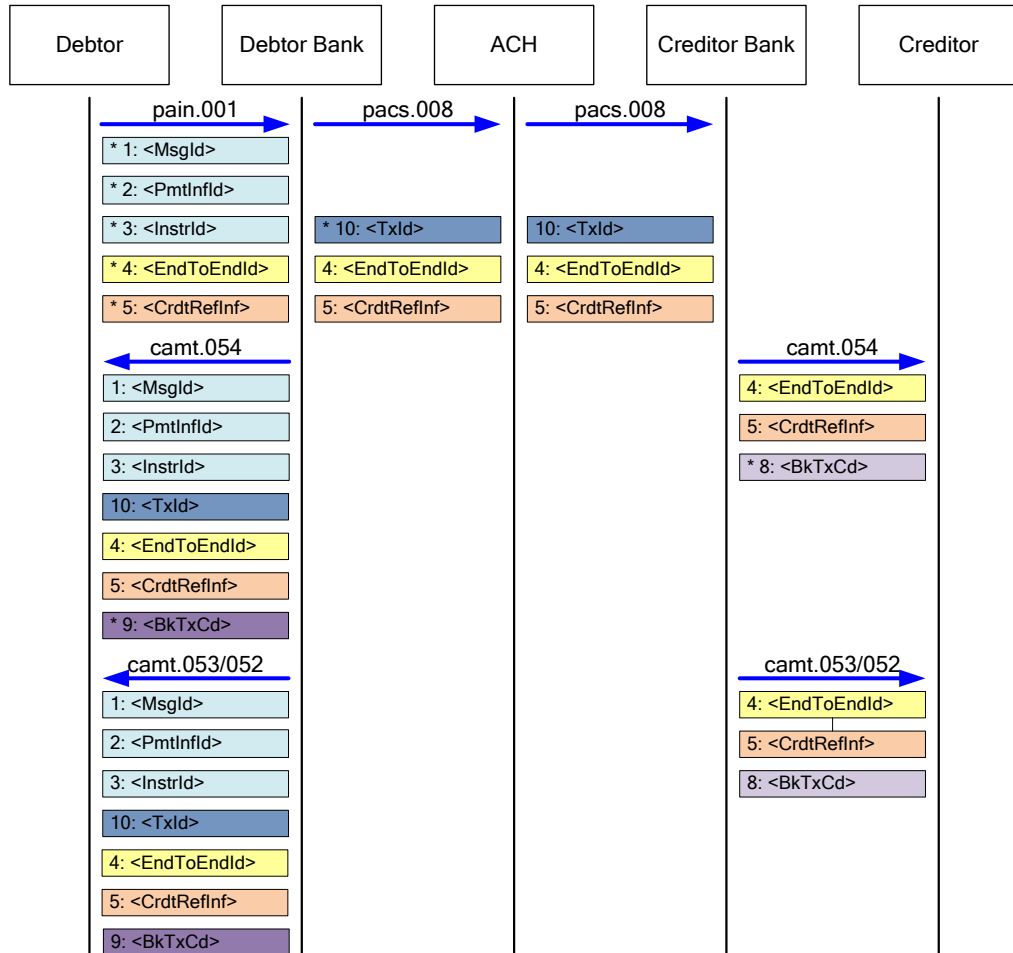


Figure 12: "camt" references in a payment

* Point at which the relevant element is created.

6.2.3 References in Direct Debits (pain.008)

The following diagram shows the use of different references when collecting a Direct Debit (pain.008).

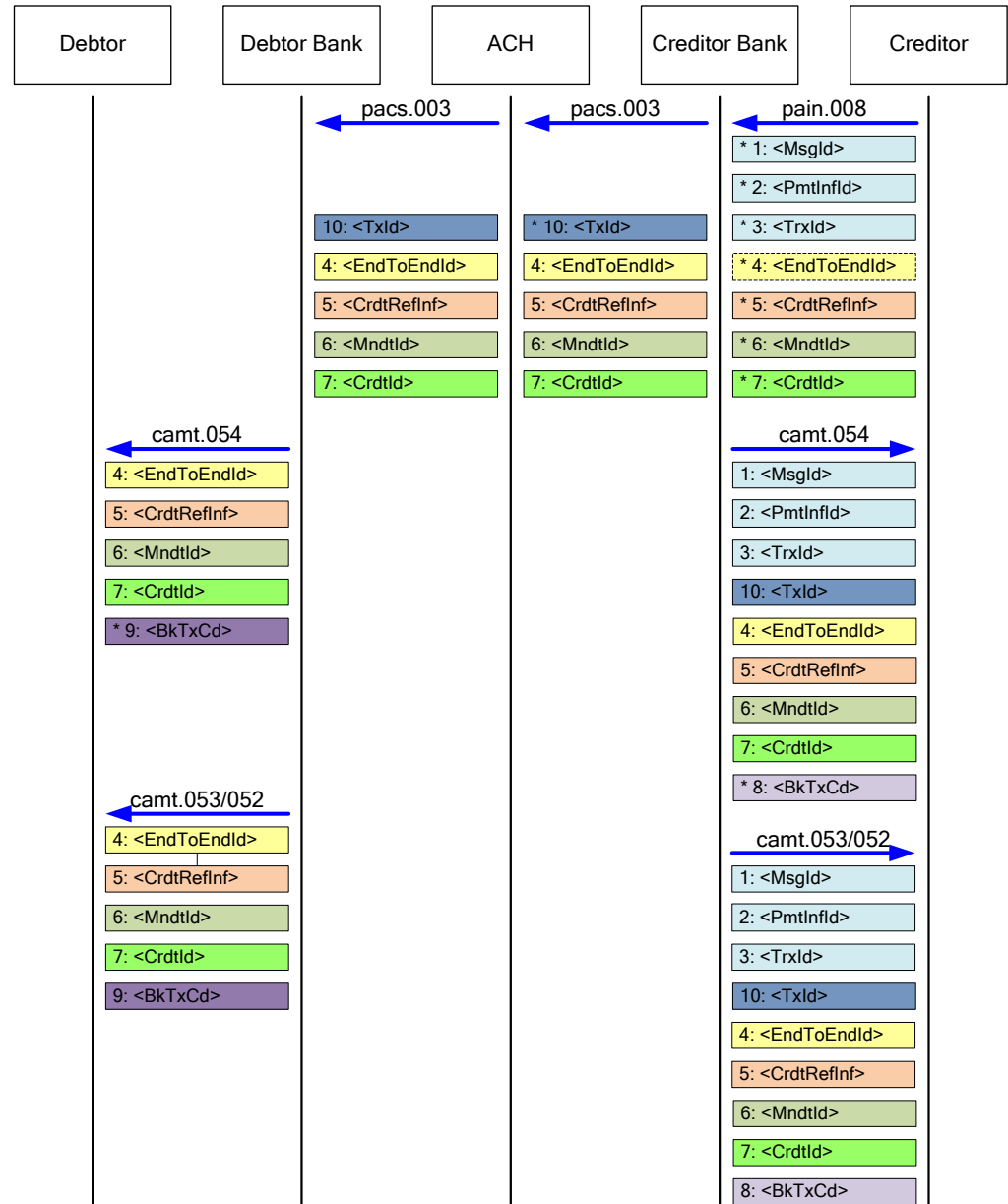


Figure 13: "camt" references for a Direct Debit

* Point at which the relevant element is created.

6.2.4 ISR reference numbers in "camt" messages

The ISR reference number is originally sent to the financial institution by means of a message of the type "Credit Transfer" or "Direct Debit" in the C-Level element "Creditor Reference Information".

In the subsequent camt messages from the financial institutions, the ISR reference number is forwarded to the debtor and to the creditor in the D-Level element "Creditor Reference Information".

ISR reference in a Credit Transfer – pain.001

In "Credit Transfers", the debtor receives the details of the creditor, in particular the ISR reference number, in the form of an invoice or a paying-in slip. The debtor enters this reference number in the "Creditor Reference Information" element of a pain.001 message, which is sent via pacs messages between the financial institutions involved to the creditor's financial institution. The ISR reference number is shown to the creditor in the form of camt messages.

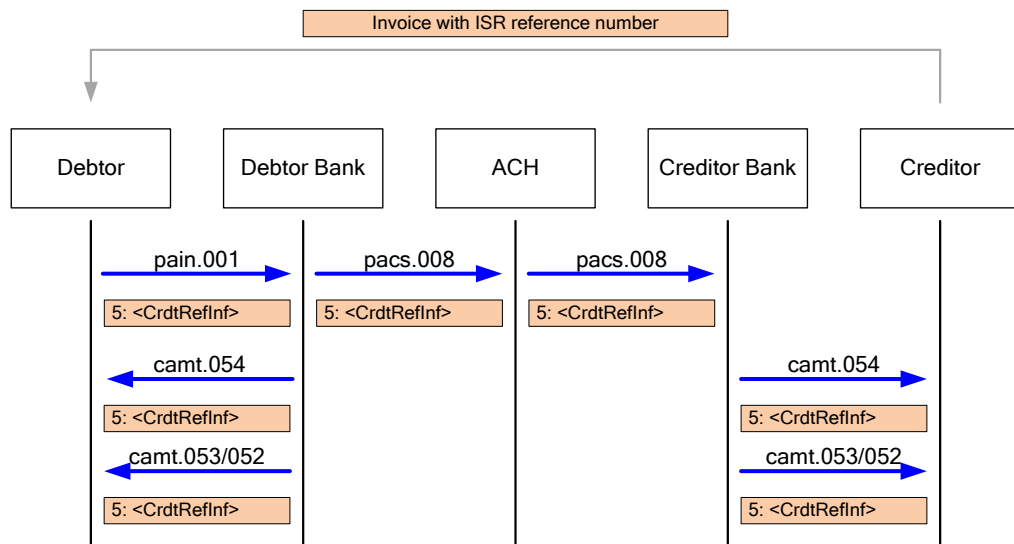


Figure 14: ISR reference in a Credit Transfer (pain.001)

ISR reference in a Direct Debit – pain.008

In a "Direct Debit", the debtor receives information about a forthcoming debit as an advance notification. The form and content of this notification can essentially be freely chosen and do not have to include the ISR reference number. The creditor sends the ISR reference number in a "Direct Debit" message (pain.008) to the debtor's financial institution, which forwards the information to the debtor in camt messages.

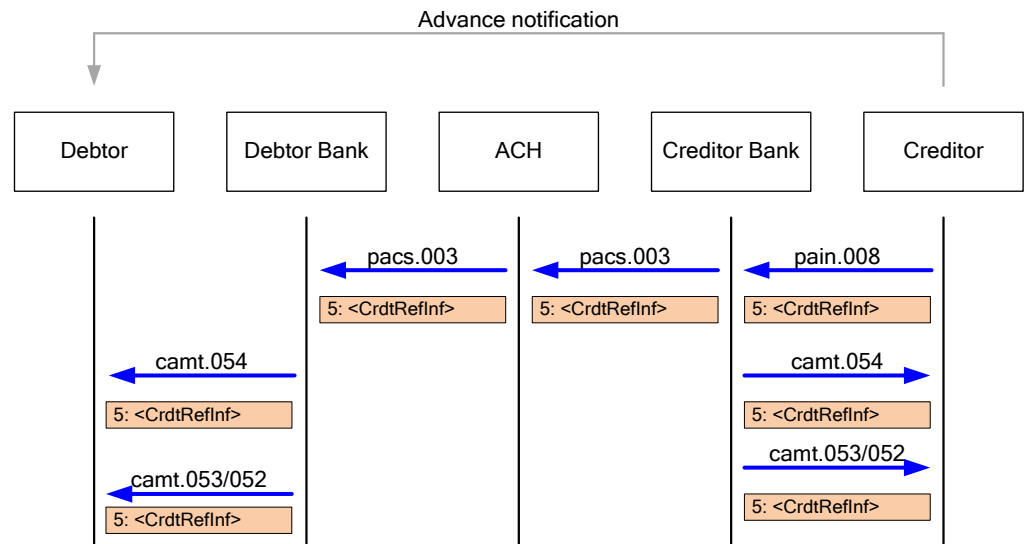


Figure 15: ISR reference in a Direct Debit (pain.008)

6.3 Elements for the parties involved in R-transactions

If, in the course of inter-bank processing, an R-transaction occurs (Return/Refund or Reject), this is done using the "pacs.004" or "pacs.002" message. In these inter-bank messages, from which "camt" account information is then generated, the parties involved in the original payment are retained, because e.g. the "Debtor" and "Creditor" elements from the payment remain part of the "Original Transaction Information" block (i.e. the data from the original transaction). This means that in the "pacs.004" or "pacs.002" message, the debtor (from the "Original Transaction Information" element) is credited with the amount and the creditor is debited. This logic is retained in the "camt" messages.

Element in the inter-bank messages pacs.002/pacs.004 for R-transactions	Representation in Cash Management messages camt.052, camt.053 and camt.054
<OrgTxRef><UltmtDbtr>	<NtryDtls><TxDtls><RltdPties><UltmtDbtr>
<OrgTxRef><Dbtr>	<NtryDtls><TxDtls><RltdPties><Dbtr>
<OrgTxRef><DbtrAcct>	<NtryDtls><TxDtls><RltdPties><DbtrAcct>
<OrgTxRef><DbtrAgt>	<NtryDtls><TxDtls><RltdAgt><DbtrAgt>
<OrgTxRef><CdtrAgt>	<NtryDtls><TxDtls><RltdAgt><CdtrAgt>
<OrgTxRef><Cdtr>	<NtryDtls><TxDtls><RltdPties><Cdtr>
<OrgTxRef><CdtrAcct>	<NtryDtls><TxDtls><RltdPties><CdtrAcct>
<OrgTxRef><UltmtCdtr>	<NtryDtls><TxDtls><RltdPties><UltmtCdtr>

Table 10: Elements for the parties involved in R-transactions

6.4 Example of the handling of "Multi-page Statements"

If an account statement is divided into more than one message, then this should be indicated in the "Message Pagination/Page Number" and "Message Pagination/Last Page Indicator" elements. The following example shows how the relevant elements should be filled in, including the amounts and the "Balance Type Code" where an account statement is divided into two messages. The corresponding interim balances are marked with the code "INTM" (Intermediate) and contain the interim total.

Message 1	Value	Comment
Page Number	1	
Last Page Indicator	false	
Balance Code (type of booking)	OPBD	
Sub Type	–	
Amount	1000	
Booking 1	100	Credit
Booking 2	200	Credit
Booking ...	100	Credit
Balance Code (type of booking)	CLBD	
Sub Type	INTM	
Amount	1400	

Message 2	Value	Comment
Page Number	2	
Last Page Indicator	true	
Balance Code (type of booking)	OPBD	
Sub Type	INTM	
Amount	1400	
Booking 1	100	Debit
Booking 2	400	Credit
Booking ...	100	Debit
Balance Code (type of booking)	CLBD	
Sub Type	–	
Amount	1600	

6.5 Specific representation of certain transaction types in account statement camt.053

The following table shows the specific representation in account statement "camt.053" for the following transaction types:

- ISR
- SEPA DD
- SEPA CT
- LSV+/BDD

The reference to "Type 3" and "Type 4" listed in the "ISR payment" column refers to the current standard ISR credit record, Type 3 and Type 4.

ISO 20022 Standard				Swiss ISO 20022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
	Document +Bank-to-Customer Statement	BkToCstmrStmt	1..1	1..1	The XML message "Bank-to-Customer Statement" (camt.053) is used by financial institutions to send electronic account information to their customers. It is used on the basis of the ISO 20022 XML schema "camt.053.001.02".				
1.0	Group Header	GrpHdr	1..1	1..1	The "Group Header" (A-Level of the message) contains all elements that apply to all the transactions in the XML message "Bank-to-Customer Statement" (camt.053). It occurs exactly once in the message.				
1.5	Group Header +Additional Information	AddtlInf	0..1	0..1	Element is not normally sent.	Indicates whether this is a test file. If this indication (or the element) is missing, then it is a production delivery. Type3: n/a Type4: Delivery type: "TEST"			

ISO 20022 Standard				Swiss ISO 20022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.0	Statement	Stmt	1..n	1..n	Details about the statement for which the following information is being delivered. This level is described as followed in the various "camt" messages: camt.053: Element name is "Statement", <Stmt> camt.052: Element name is "Report", <Rpt> camt.054: Element name is "Notification", <Ntfcn> This element contains, for camt.053: Report on balances and transactions on an account camt.052: Report on movement within a particular period camt.054: Notification of credits and debits Sub-elements also apply to "camt.052" (Report) and "camt.054" (Notification), unless mentioned explicitly.				
2.10	Statement +Account	Acct	1..1	1..1	Information about the account, its owner and the financial institution.				
2.10	Statement +Account ++Identification	Id	1..1	1..1	This element is used as follows: • IBAN or • Proprietary Account				
2.10	Statement +Account ++Identification +++IBAN	IBAN	1..1	1..1	If used, then "Proprietary Account" must not be present.	Corresponds to the account, not the participant number. Type3: n/a Type4: n/a			

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.76	Entry	Ntry	0..n	0..n	Detailed information about a single entry Is always sent, provided at least 1 account movement has taken place. If there has been no account movement and only account balances are being reported, this element is not sent. camt.052/053: This element is optional. camt.054: This element is always sent.				
2.77	Entry +Entry Reference	NtryRef	0..1	0..1		ISR participant number Type3: ISR customer number Type4: ISR customer number E1: ISR-IBAN from Index 2			Type 3: ISR customer number
2.78	Entry +Amount	Amt	1..1	1..1	Amount and currency of the entry The currency shown in the "Amount" field at "Entry" level is the same as the account currency. Note: the currency is always sent as an attribute of the "Amount" element.	Single Advice: Type3: Individual amount Type4: Individual amount Batchbooking: Type3: Amount from collective booking Type4: Amount from collective booking			Type3: Individual amount or amount from collective booking
		@ Ccy			Currency code	Type4: Currency code			Type3: Currency code

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.79	Entry +Credit Debit Indicator	CdtDbtInd	1..1	1..1	Indicator of credit or debit entry	ISR payment (Reversal Indicator not sent): For the debtor: <CdtDbtInd> "DBIT": Debit based on an ISR payment For the creditor: <CdtDbtInd> "CRDT": Credit based on an ISR payment	SEPA direct debit (Reversal Indicator not sent): For the debtor: <CdtDbtInd> "DBIT": Debit based on a SEPA direct debit collection For the creditor: <CdtDbtInd> "CRDT": Credit based on a SEPA direct debit collection	SEPA credit transfer (Reversal Indicator not sent): For the debtor: <CdtDbtInd> "DBIT": Debit based on a SEPA credit transfer For the creditor: <CdtDbtInd> "CRDT": Credit based on a SEPA credit transfer	Direct debit (Reversal Indicator not sent): For the debtor: <CdtDbtInd> "DBIT": Debit based on a LSV direct debit collection For the creditor: <CdtDbtInd> "CRDT": Credit based on a LSV direct debit collection
2.80	Entry +Reversal Indicator	RvslInd	0..1	0..1	Indicator shows whether the entry is a cancellation booking. It should only be present for a transaction (Entry) that results from a cancellation. If the "Credit Debit Indicator" is "CRDT" and the "Reversal Indicator" is "TRUE", then the original entry was a debit entry. If the "Credit Debit Indicator" is "DBIT" and the "Reversal Indicator" is "TRUE", then the original entry was a credit entry.	If "TRUE": Reversal: For the debtor: <CdtDbtInd> "CRDT": Credit based on an ISR cancellation For the creditor: <CdtDbtInd> "DBIT": Debit based on an ISR cancellation	If "TRUE": Reversal: For the debtor: <CdtDbtInd> "CRDT": Credit based on a Return/Refund For the creditor: <CdtDbtInd> "DBIT": Debit based on a Return/Refund	If "TRUE": Reversal: For the debtor: <CdtDbtInd> "CRDT": Credit based on a SEPA credit transfer cancellation For the creditor: <CdtDbtInd> "DBIT": Debit based on a SEPA credit transfer cancellation	If "TRUE": Reversal: For the debtor: <CdtDbtInd> "CRDT": Credit based on an objection For the creditor: <CdtDbtInd> "DBIT": Debit based on a reverse direct debit
2.82	Entry +Booking Date	BookgDt	0..1	0..1	Corresponds to the booking date. camt.053: Element is always sent. camt.052: Element may be sent. camt.054: Element may be sent.				

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.82	Entry +Booking Date ++Date	Dt	1..1	1..1	If used, then "Date Time" must not be present.	Always used. Type3: Processing date Type4: Processing date	Always used.	Always used.	Always used.
2.83	Entry +Value Date	ValDt	0..1	0..1	Corresponds to the value date.			Always used.	
2.83	Entry +Value Date ++Date	Dt	1..1	1..1	If used, then "Date Time" must not be present.	Always used. Type3: Credit date Type4: Credit date	Always used.		Always used.
2.91	Entry +Bank Transaction Code	BkTxCd	1..1	1..1	Bank Transaction Code This element provides details of the type of entry.	For the creditor: PMNT RCDT VCOM For the debtor: PMNT ICDT VCOM Type3: Substitution of transaction code (combined with BTC at D- Level) Type4: Type of transaction	For the creditor: SEPA Core Direct Debit: PMNT/RDDT/ESDD SEPA B2B Direct Debit: PMNT/RDDT/BBDD For the debtor: SEPA Core Direct Debit: PMNT/IDDT/ESDD SEPA B2B Direct Debit: PMNT/IDDT/BBDD	For the creditor: PMNT RCDT ESCT For the debtor: PMNT ICDT ESCT	For direct debit: PMNT RDDT PMDD (for the debtor and the creditor) For reverse direct debit: PMNT RDDT PRDD (for the debtor and the creditor) The reverse direct debit is an own business case and not a cancellation booking.
2.105	Entry +Charges	Chrgs	0..n	0..n	Single Advice: N/A Batchbooking: Total charges for a single transaction				
2.106	Entry +Charges ++Total Charges And Tax Amount	TtlChrgsAndTaxAmt	0..1	0..1		Single Advice: Total charges single transaction Batchbooking: Total charges collective transaction Type3: Prices for in- payments/follow-on processing of ISR+ Type4: Charges			

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.135	Entry +Entry Details	NtryDtls	0..n	0..n	Contains details about the entry.				
2.136	Entry +Entry Details ++Batch	Btch	0..1	0..1		Single Advice: N/A Batchbooking: Number of transactions in the "Number of Transactions" element			Single Advice: N/A Batchbooking: Number of transactions in the "Number of Transactions" element
2.142	Transaction Details	TxDtls	0..n	0..n	Contains booking details for the entry, e.g. the end-to-end identification and other remittance information. Description see section "Transaction Details (TxDtls, D-Level)".				
2.143	Transaction Details +References	Refs	0..1	0..1	References to the original transaction in relation to which these details are being sent.				
2.148	Transaction Details +References ++End To End Identification	EndToEndId	0..1	0..1	Customer reference for the debtor from the original instruction is sent throughout (C-Level from "pain.001"). In the case of "pain.008" this may be the reference for the payment recipient.	Reference of the debtor	AT-10 Creditor's reference of the Direct Debit Collection	AT-41 Originator's Reference of the Credit Transfer	Reference of the creditor
2.150	Transaction Details +References ++Mandate Identification	MndtId	0..1	0..1	Mandate identification from the original Direct Debit instruction (C-Level, from "pain.008")		AT-01 The unique mandate reference		
2.156	Transaction Details +Amount Details	AmtDtls	0..1	0..1	Further information about the transaction amount The following elements may be offered depending on the financial institution.				

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.156	Transaction Details +Amount Details ++Transaction Amount	TxAmt	0..1	0..1	Information about the transaction amount: the amount exchanged between the financial institutions involved (credit amount). For sub-elements see element "Instructed Amount" <InstdAmt>.				
2.156	Transaction Details +Amount Details ++Transaction Amount +++Amount	Amt	1..1	1..1	Transaction amount: The amount that is exchanged between the financial institutions that are involved.	Amount E1: Index 4 (amount) and Index 5 (currency), provided there has been no conversion.	AT-06 The amount of the collection in euro	AT-04 Amount of the Credit Transfer in euro	Amount
2.163	Transaction Details +Bank Transaction Code	BkTxCd	0..1	0..1	Information about the type of transaction. External code list similar to the element at C-Level. Code at D-Level may be different from at C-Level, e.g. in a batch breakdown (see also Swiss code list in the appendix).	By origin: PMNT CNTR CDPT = Post office PMNT RCDT DMCT = ZAG PMNT RCDT AUTT = electronically PMNT RCDT ATXN = SIC/ euroSIC Optional: Use the "Proprietary" field with "old transaction type codes". Type3: Substitution of transaction code (combined with BTC at D-Level) Type4: Origin	AT-20 The identification code of the Scheme or an equivalent debit bank specific - SEPA Direct Debit based - direct debit product identification		"Proprietary" element used with "old transaction type codes": Credit: 202 Cancellation: 205
2.172	Transaction Details +Charges	Chrgs	0..n	0..n	This element can contain charges which are deducted directly from the transaction amount. In Switzerland the sub-element "Amount" <Amt> is used for this.	Single Advice: N/A Batchbooking: Total charges single transaction			

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.174	Transaction Details +Charges ++Amount	Amt	1..1	1..1	Charges which are deducted from the transaction amount.	Type3: Sum of prices for in-payments/follow-on processing of ISR+ Type4: Charges			
2.199	Transaction Details +Related Parties	RltdPties	0..1	0..1	Related parties, where known, can be shown on the statement. Sub-elements as in the ISO standard. Below, those elements are listed which are understood and delivered in the same way by Swiss financial institutions. In the case of R-transactions, the parties involved (Creditor/Debtor, Ultimate Creditor/Ultimate Debtor) retain their roles from the original transaction.				
2.201	Transaction Details +Related Parties ++Debtor	Dbtr	0..1	0..1	Debtor				
2.201	Transaction Details +Related Parties ++Debtor +++Name	Nm	0..1	0..1	Name of debtor (for credit transfers)			AT-02 Name of the Originator	
2.201	Transaction Details +Related Parties ++Debtor +++Identification	Id	0..1	0..1	ID of debtor (for credit transfers)			AT-10 Originator Identification Code	
2.202	Transaction Details +Related Parties ++Debtor Account	DbtrAcct	0..1	0..1	Account of debtor	E1: Index 6 (debtor)			
2.203	Transaction Details +Related Parties ++Ultimate Debtor	UltmtDbtr	0..1	0..1	Ultimate debtor				

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.203	Transaction Details +Related Parties ++Ultimate Debtor +++Name	Nm	0..1	0..1	Name of ultimate debtor (for credit transfers)			AT-08 Name of the Originator Reference Party	
2.203	Transaction Details +Related Parties ++Ultimate Debtor +++Identification	Id	0..1	0..1	ID of ultimate debtor (for credit transfers)			AT-09 Identification Code of the Originator Reference Party	
2.204	Transaction Details +Related Parties ++Creditor	Cdtr	0..1	0..1	Creditor				
2.204	Transaction Details +Related Parties ++Creditor +++Name	Nm	0..1	0..1	Name of creditor (for credit transfers)		AT-03 The name of the creditor	AT-21 Name of the beneficiary	
2.204	Transaction Details +Related Parties ++Creditor +++Identification	Id	0..1	0..1	ID of creditor (for credit transfers)		The "Creditor Identifier" is also sent in <PrvtId><Othr> (content as in "pain.008")	AT-24 Beneficiary Identification Code	
2.205	Transaction Details +Related Parties ++Creditor Account	CdtrAcct	0..1	0..1	Account of creditor			AT-20 The IBAN of the account of the beneficiary	
2.206	Transaction Details +Related Parties ++Ultimate Creditor	UltmtCdtr	0..1	0..1	Ultimate creditor				
2.206	Transaction Details +Related Parties ++Ultimate Creditor +++Name	Nm	0..1	0..1	Name of ultimate creditor (for credit transfers)			AT-28 Name of the Beneficiary Reference Party	
2.206	Transaction Details +Related Parties ++Ultimate Creditor +++Identification	Id	0..1	0..1	ID of ultimate creditor (for credit transfers)			AT-29 Identification Code of the Beneficiary Reference Party	
2.208	Transaction Details +Related Parties ++Proprietary	Prtry	0..n	0..n					

ISO 20022 Standard				Swiss ISO 20022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.209	Transaction Details +Related Parties ++Proprietary +++Type	Tp	1..1	1..1			Creditor Scheme Identification		
2.210	Transaction Details +Related Parties ++Proprietary +++Party	Pty	1..1	1..1			AT-02 The Identifier of the Creditor • Private Identification is used to identify either an organisation or a private person. • «Scheme Name» under «Other» is used to specify «SEPA» under «Code». • Only one occurrence of «Other» needs to be reported.		
2.224	Transaction Details +Purpose	Purp	0..1	0..1	Reason for the transaction, taken from the instruction. "Purpose" (e.g. "SALA") may be shown for the initiating party and the creditor, depending on how consistent the systems are. The codes are administered in an external list (type "External Purpose Code", see www.iso20022.org).				
2.225	Transaction Details +Purpose ++Code	Cd	1..1	1..1	Code from the list of values for "Purpose"			AT-44 Purpose of the Credit Transfer	

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.234	Transaction Details +Remittance Information	RmtInf	0..1	0..1	The field consists of a number of sub-elements. In Switzerland the field <CdtrRefInf> can be filled in, where in the instruction the structured "Creditor Reference" is given (e.g. ISR reference, IPI reference or the new international "Creditor's Reference" according to ISO 11649).				
2.235	Transaction Details +Remittance Information ++Unstructured	Ustrd	0..n	0..n	This element can contain unstructured messages, e. g. for messages from a "pain.001" instruction or booking information. The element can occur more than once.	Reject code as in current overview: 0=No reject 1=Reject 5=Mass reject Type3: Reject code Type4: Reject code			
2.236	Transaction Details +Remittance Information ++Structured	Strd	0..n	0..n	The field consists of a number of sub-elements. In Switzerland the field <CdtrRefInf> can be filled in, where in the instruction the structured "Creditor Reference" is given (e.g. ISR reference, IPI reference or the new international "Creditor's Reference" according to ISO 11649).		AT-22 The remittance information from the creditor to the debtor such as the identification number of the underlying contract, the reference number of the pre-notification etc. (if present in DS-03).	AT-05 Remittance Information	
2.236	Transaction Details +Remittance Information ++Structured +++Creditor Reference Information	CdtrRefInf	0..1	0..1					

ISO 2022 Standard				Swiss ISO 2022 Payments Standard					
Index	Message Item	XML Tag	Mult.	Mult.	Definition	ISR Payment/ Inpayment slip with QR code	SEPA DD	SEPA CT	LSV+/BDD
2.236	Transaction Details +Remittance Information ++Structured +++Creditor Reference Information ++++Reference	Ref	0..1	0..1		Type3: Reference number Type4: Reference number E1: Index 7 (reference number)			ISR/IPI Reference number
2.266	Transaction Details +Related Dates	RltdDts	0..1	0..1	This element can be used optionally by Swiss financial institutions to enter dates.				
2.267	Transaction Details +Related Dates ++Acceptance DateTime	AcptncDtTm	0..1	0..1		Type3: Acceptance date Type4: Acceptance date			Acceptance date
2.270	Transaction Details +Related Dates ++Interbank Settlement Date	IntrBkStlmDt	0..1	0..1	Interbank Settlement Date			AT-42 The Settlement Date of the Credit Transfer	

Table 11: Specific representation in account statement "camt.053" for ISR payments/inpayment slip with QR code, SEPA DD, SEPA SCT and LSV+/BDD

7 Example

7.1 The business situation in the example

For the details of the example in XML, the following assumptions were made:

For XML versions of the example, see Appendix D.

7.2 Data in the example

Account statement with 2 entries

Data for Entry 1, with details from 2 transactions (D-Level), batch booking of 2 ISR credits:

Field designation	Content
Currency and amount	CHF 145.70
Booking date	25.07.2011
Value date	25.07.2011
Bank Transaction Code	PMNT / RCDT / VCOM (ISR payment)
Transaction 1	
Currency and amount	CHF 100
ISR reference	12 34567 89012 34567 89012 34567
Transaction 2	
Currency and amount	CHF 45.70
ISR reference	21 00000 00003 13947 14300 09017

Data for Entry 2, debiting a withdrawal from a cash machine:

Field designation	Content
Currency and amount	CHF 250.00
Booking date	25.07.2011
Value date	24.07.2011 (Sunday)
Bank Transaction Code	PMNT / CCRD / CWDL (cash machine withdrawal)
Transaction 1	
Currency and amount	CHF 250
Bank Transaction Code	PMNT / CCRD / CWDL (cash machine withdrawal)

Appendix A: Credit notification using a structured reference in the "camt.054"

The previous ISR credit notification Type3/Type4 is being extended and applies generally to all credits with a structured reference (e.g. ISR reference or ISO reference). This means that ISR credit bookings in the "camt.054" message will be notified in the same way as the proprietary ISR format (Type3/Type4) by all financial institutions. The following overview shows which elements in the "camt.054" are mandatorily delivered by all financial institutions in the same way. A distinction is made between compulsory fields and optional fields.

Compulsory fields: Are delivered by all financial institutions and for every booking/transaction.

Optional fields: Are not delivered for all transactions.

Elements which can only be supported with ISO version 2013 of "camt.054.001.04" are highlighted in pale blue.

The batch booking principle is offered by all financial institutions: booking level (C-Level) with batch credit, individual transactions at D-Level.

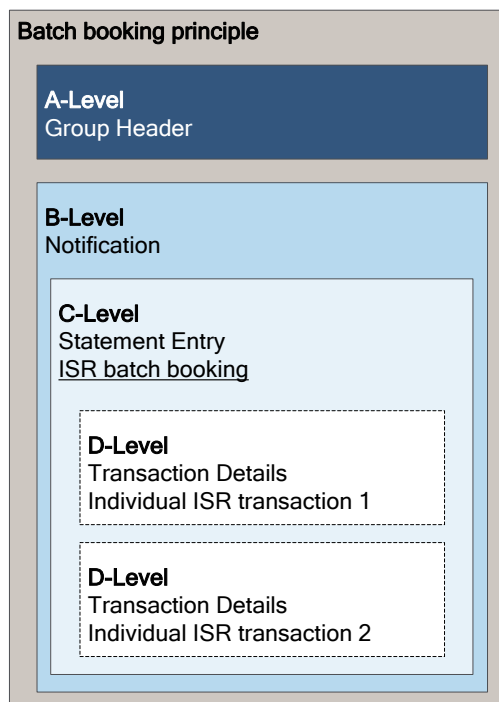


Figure 16: Batch booking principle

Index 053	Index 054	Message Item	XML Tag	Mandatory or optional	Description	Mapping reference to Type3	Mapping reference to paying-in slip with data code
A-Level							
1.5	1.5	Group Header +Additional Information	<AddtlInf>	Optional	Indicates whether this is a test file. If the indicator (or the element) is missing, this is a production delivery.		
B-Level							
2.10	2.10	Notification +Account ++Identification +++IBAN	<IBAN>	Mandatory	Indicates the credit account, not the participant number or ISR-IBAN.		With E2 the IBAN corresponds to the Index 2 "IBAN/ISR-IBAN" from the data code.
C-Level							
2.77	2.57	Entry +Entry Reference	<NtryRef>	Optional	ISR participant number in the format 010001628 or ISR-IBAN in the format CH9912345012345678901	ISR customer number	With E1 the IBAN corresponds to the Index 2 "IBAN/ISR-IBAN" from the data code.
2.78	2.58	Entry +Amount	<Amt>	Mandatory	Amount and currency of the ISR batch credit. Note: the currency is always sent as an attribute of the "Amount" element.	Amount from the batch booking	
2.80	2.60	Entry +Reversal Indicator	<RvslInd>	Optional	If it is an ISR cancellation, this is sent with "true", otherwise "false" or the element is not sent at all.		
2.82	2.62	Entry +Booking Date ++Date	<Dt>	Mandatory	Indicates the booking date	Processing date	
2.83	2.63	Entry +Value Date ++Date	<Dt>	Mandatory	Indicates the value date	Credit date	
2.91	2.71	Entry +Bank Transaction Code	<BkTxCd>	Mandatory	BTC consists of 3 fields: Domain, Family and Sub-Family. The following codes are used: Credit: Domain = PMNT / Family = RCDT / Sub-Family = VCOM Cancellation: Domain = PMNT / Family = ICDT / Sub-Family = DAJT	Replaces the transaction type code (combined with BTC at D-Level)	
2.106	2.86	Entry +Charges ++Total Charges And Tax Amount	<TtlChrgsAndTaxAmt>	Optional (only V4)	Total charges for the batch booking Note: the currency is always sent as an attribute of the "Amount" element.		

Index 053	Index 054	Message Item	XML Tag	Mandatory or optional	Description	Mapping reference to Type3	Mapping reference to paying-in slip with data code
V.04	V.04	Entry +Charges ++Record	<Rcrd>	Optional (only V4)	Summary of the different charge types	Prices for paying in/post-processing of ISR+	
2.139	2.119	Entry +Entry Details ++Batch +++Number of Transactions	<NbOfTxs>	Optional	Number of transactions (D-Level) in the corresponding booking (C-Level)		
D-Level							
2.154	2.134	Transaction Details +References ++Proprietary +++Type	<Tp>	Optional	ISR-voucher type, possible values: 01 = ISR 03 = ISR surname 04 = ISR+ 11 = ISR own account 14 = ISR+ own account 21 = Euro-ISR 23 = Euro-ISR own account 31 = Euro-ISR+		No longer required/sent where the paying-in slip has a data code.
2.155	2.135	Transaction Details +References ++Proprietary +++Reference	<Ref>	Optional	Unique number for the ISR voucher. Can be sent if there is a physical voucher.		
V.04	V.04	Transaction Details +Amount	<Amt>	Mandatory (only V.04)	Amount and currency of the individual ISR transaction. Note: the currency is always sent as an attribute of the "Amount" element.	Amount	Corresponds to the Index 4 "Amount" and 5 "Currency" from the data code (with E1 and E2) if no conversion has taken place.
2.156	2.136	Transaction Details +Amount Details ++Transaction Amount +++Amount	<Amt>	Mandatory	Amount and currency of the individual ISR transaction. Note: the currency is always sent as an attribute of the "Amount" element.	Amount	Corresponds to the Index 4 "Amount " and 5 "Currency" from the data code (with E1 and E2) if no conversion has taken place.

Index 053	Index 054	Message Item	XML Tag	Mandatory or optional	Description	Mapping reference to Type3	Mapping reference to paying-in slip with data code
2.163	2.143	Transaction Details +Bank Transaction Code	<BkTxCd>	Optional	BTC consists of 3 fields: Domain, Family and Sub-Family. Shows the origin of the individual transaction: Post Office: Domain = PMNT / Family = CNTR / Sub-Family = CDPT ZAG: Domain = PMNT / Family = RCDT / Sub-Family = DMCT Electronic: Domain = PMNT / Family = RCDT / Sub-Family = AUTT SIC/euroSIC: Domain = PMNT / Family = RCDT / Sub-Family = ATXN	Replaces the transaction type code (combined with BTC at C-Level)	
V.04	V.04	Transaction Details +Charges ++Total Charges And Tax Amount	<TtlChrgsAndTaxAmt>	Optional (only V.04)	Total charges for the individual transaction Note: the currency is always sent as an attribute of the "Amount" element.		
V.04	V.04	Transaction Details +Charges ++Record	<Rcrd>	Optional (only V.04)	Identifies individual charge types for each transaction	Prices for paying-in/post-processing of ISR+	
2.201	2.181	Transaction Details +Related Parties ++Debtor	<Dbtr>	Optional	Details about the debtor		
2.203	2.183	Transaction Details +Related Parties ++Ultimate Debtor	<UltmtDbtr>	Optional	Details about the ultimate debtor		Equates to Index 6 "Debtor" from the data code (with E1 and E2). Sub-fields Name, StreetName, Building Number, Postcode, TownName, Country are sent.
2.257	2.237	Transaction Details +Remittance Information ++Structured +++Creditor Reference Information ++++Type	<Tp>	Optional	Depending on the type of reference, the fields may be filled in as follows: ISR reference: the "ISR Reference" is sent in the <Prtry> field Creditor Reference: "SCOR" is sent in the <Cd> field		
2.262	2.242	Transaction Details +Remittance Information ++Structured +++Creditor Reference Information ++++Reference	<Ref>	Mandatory	ISR reference number or Creditor Reference according to ISO11649	Reference number	Equates in E1 to the Index 7 "Reference number" from the data code.

Index 053	Index 054	Message Item	XML Tag	Mandatory or optional	Description	Mapping reference to Type3	Mapping reference to paying-in slip with data code
2.265	2.245	Transaction Details +Remittance Information ++Structured +++Additional Remittance Information	<AddtlRmtInf>	Optional	Reject code, possible values: 0 = no reject 1 = reject 5 = bulk reject	Reject code	
2.267	2.247	Transaction Details +Related Dates ++Acceptance DateTime	<AcptncDtTm>	Optional	Indicates the submission date	Submission date	

Table 12: Transaction Details (TxDtls, D-Level)

Appendix B: Bank Transaction Codes

The Bank Transaction Code element <BkTxCd> (mandatory field at C-Level) defines the booking type. There is an externally defined list of codes. In Switzerland, the code is also known as the Business Transaction Code.

For a current list see: http://www.iso20022.org/external_code_list.page

Description of the Swiss bank transaction codes for the Payments section:

Domain	Family	Sub-Family	Domain Code	Family Code	SubFamily Code	Swiss Market Individualization
Payments	Counter Transactions	Cash Deposit	PMNT	CNTR	CDPT	Einzahlung
Payments	Counter Transactions	Cash Withdrawal	PMNT	CNTR	CWDL	Auszahlung
Payments	Counter Transactions	Check Deposit	PMNT	CNTR	CHKD	Checkeinlösung
Payments	Counter Transactions	Foreign Currencies Deposit	PMNT	CNTR	FCDP	Einzahlung Fremdwährung
Payments	Counter Transactions	Foreign Currencies Withdrawal	PMNT	CNTR	FCWD	Auszahlung Fremdwährung
Payments	Counter Transactions	Travellers Cheques Deposit	PMNT	CNTR	TCDP	Einlösung Travellers Checks
Payments	Counter Transactions	Travellers Cheques Withdrawal	PMNT	CNTR	TCWD	Kauf Travellers Checks
Payments	Customer Card Transactions	Cash Deposit	PMNT	CCRD	CDPT	Einzahlung Automat
Payments	Customer Card Transactions	Cash Withdrawal	PMNT	CCRD	CWDL	Auszahlung Automat
Payments	Customer Card Transactions	Cross-Border Cash Withdrawal	PMNT	CCRD	XBCW	Auszahlung Automat Ausland
Payments	Customer Card Transactions	Point-of-Sale (EFT/POS) Payment - Debit Card	PMNT	CCRD	POSD	Zahlung Debit Karte
Payments	Customer Card Transactions	Smart-Card Payment	PMNT	CCRD	SMRT	Übertrag Cash Funktion
Payments	Drafts	Discounted Draft	PMNT	DRFT	DDFT	Wechsel Diskont
Payments	Drafts	Dishonoured/Unpaid Draft	PMNT	DRFT	UDFT	Wechsel Rückbuchung mangels Deckung
Payments	Drafts	Draft Maturity Change	PMNT	DRFT	DMCG	Wechsel Verlängerung
Payments	Drafts	Settlement At Maturity	PMNT	DRFT	STAM	Wechseleinlösung nach Eingang
Payments	Drafts	Settlement Under Reserve	PMNT	DRFT	STLR	Wechseleinlösung Eingang vorbehalten
Payments	Issued Cash Concentration Transactions	Intra Company Transfer	PMNT	ICCN	ICCT	Cash Management Sweep
Payments	Issued Cheques	Bank Cheque	PMNT	ICHQ	BCHQ	Bankcheck
Payments	Issued Cheques	Cash Letter	PMNT	ICHQ	CASH	Cash Letter
Payments	Issued Cheques	Cash Letter Adjustment	PMNT	ICHQ	CSHA	Cash Letter Änderung
Payments	Issued Cheques	Cheque	PMNT	ICHQ	CCHQ	Check

Domain	Family	Sub-Family	Domain Code	Family Code	SubFamily Code	Swiss Market Individualization
Payments	Issued Cheques	Cheque Reversal	PMNT	ICHQ	CQRV	Check Storno
Payments	Issued Cheques	Crossed Cheque	PMNT	ICHQ	CRCQ	Check nur zur Verrechnung
Payments	Issued Cheques	Foreign Cheque	PMNT	ICHQ	XBCQ	Check Ausland
Payments	Issued Cheques	Unpaid Cheque	PMNT	ICHQ	UPCQ	Check nicht gedeckt
Payments	Issued Credit Transfers	Automatic Transfer	PMNT	ICDT	AUTT	Zahlung
Payments	Issued Credit Transfers	Domestic Credit Transfer	PMNT	ICDT	DMCT	Zahlung Inland (ES, IBAN, Postkontozahlung)
Payments	Issued Credit Transfers	Credit Transfer With Agreed Commercial Information	PMNT	ICDT	VCOM	ESR-Zahlung
Payments	Issued Credit Transfers	Cross-Border Credit Transfer	PMNT	ICDT	XBCT	Zahlung Ausland
Payments	Issued Credit Transfers	Cross-Border Payroll/Salary Payment	PMNT	ICDT	XBSA	Zahlung Ausland Salär
Payments	Issued Credit Transfers	Cross-Border Standing Order	PMNT	ICDT	XSTD	Dauerauftrag Ausland
Payments	Issued Credit Transfers	Financial Institution Credit Transfer	PMNT	ICDT	FICT	Zahlung FI2FI
Payments	Issued Credit Transfers	Internal Book Transfer	PMNT	ICDT	BOOK	Kontoübertrag
Payments	Issued Credit Transfers	Payroll/Salary Payment	PMNT	ICDT	SALA	Zahlung Salär
Payments	Issued Credit Transfers	Priority Credit Transfer	PMNT	ICDT	PRCT	Zahlung priorisiert
Payments	Issued Credit Transfers	Reversal Due To Payment Return	PMNT	ICDT	RRTN	Rückbuchung Zahlung
Payments	Issued Credit Transfers	SEPA Credit Transfer	PMNT	ICDT	ESCT	SEPA-Zahlung
Payments	Issued Credit Transfers	Standing Order	PMNT	ICDT	STDO	Dauerauftrag
Payments	Issued Direct Debits	Cross-Border Direct Debit	PMNT	IDDT	XBDD	Lastschrift Ausland
Payments	Issued Direct Debits	Direct Debit Payment	PMNT	IDDT	PMDD	Lastschrift
Payments	Issued Direct Debits	Direct Debit Under Reserve	PMNT	IDDT	URDD	Lastschrift Eingang vorbehalten
Payments	Issued Direct Debits	Reversal Due To Payment Cancellation Request	PMNT	IDDT	RCDD	Rückbuchung infolge Rücklastschrift
Payments	Issued Direct Debits	Reversal Due To Return/ Unpaid Direct Debit	PMNT	IDDT	UPDD	Rückbuchung infolge Rücklastschrift
Payments	Issued Direct Debits	Reversal Due To Payment Reversal	PMNT	IDDT	PRDD	Rückbuchung infolge Rücklastschrift
Payments	Issued Direct Debits	SEPA B2B Direct Debit	PMNT	IDDT	BBDD	SEPA-Firmenlastschrift
Payments	Issued Direct Debits	SEPA Core Direct Debit	PMNT	IDDT	ESDD	SEPA-Basislastschrift
Payments	Received Cash Concentration Transactions	Intra Company Transfer	PMNT	RCCN	ICCT	Cash Management Sweep

Domain	Family	Sub-Family	Domain Code	Family Code	SubFamily Code	Swiss Market Individualization
Payments	Received Cheques	Bank Cheque	PMNT	RCHQ	BCHQ	Bankcheck
Payments	Received Cheques	Cash Letter	PMNT	RCHQ	CASH	Cash Letter
Payments	Received Cheques	Cash Letter Adjustment	PMNT	RCHQ	CSHA	Cash Letter Änderung
Payments	Received Cheques	Cheque	PMNT	RCHQ	CCHQ	Check
Payments	Received Cheques	Cheque Reversal	PMNT	RCHQ	CQRV	Check Rückbuchung
Payments	Received Cheques	Cheque Under Reserve	PMNT	RCHQ	URCQ	Check Eingang vorbehalten
Payments	Received Cheques	Foreign Cheque	PMNT	RCHQ	XBCQ	Check Ausland
Payments	Received Cheques	Foreign Cheque Under Reserve	PMNT	RCHQ	XRCQ	Check Ausland Eingang vorbehalten
Payments	Received Cheques	Unpaid Cheque	PMNT	RCHQ	UPCQ	Check nicht gedeckt
Payments	Received Cheques	Unpaid Foreign Cheque	PMNT	RCHQ	XPCQ	Check Ausland nicht gedeckt
Payments	Received Credit Transfers	Cross-Border Credit Transfer	PMNT	RCDT	XBCT	Zahlungseingang Ausland
Payments	Received Credit Transfers	Domestic Credit Transfer	PMNT	RCDT	DMCT	Zahlungseingang
Payments	Received Credit Transfers	Credit Transfer With Agreed Commercial Information	PMNT	RCDT	VCOM	Zahlungseingang ISR
Payments	Received Credit Transfers	Financial Institution Credit Transfer	PMNT	RCDT	FICT	Zahlungseingang FI2FI
Payments	Received Credit Transfers	Internal Book Transfer	PMNT	RCDT	BOOK	Kontoübertrag
Payments	Received Credit Transfers	Payroll/Salary Payment	PMNT	RCDT	SALA	Zahlungseingang Salär
Payments	Received Credit Transfers	Priority Credit Transfer	PMNT	RCDT	PRCT	Zahlungseingang priorisiert
Payments	Received Credit Transfers	Reversal Due To Payment Cancellation Request	PMNT	RCDT	RPCR	Rückbuchung Zahlung
Payments	Received Credit Transfers	Reversal Due To Payment Return	PMNT	RCDT	RRTN	Rückbuchung Zahlung
Payments	Received Credit Transfers	SEPA Credit Transfer	PMNT	RCDT	ESCT	SEPA-Überweisung
Payments	Received Direct Debits	Cross-Border Direct Debit	PMNT	RDDT	XBDD	Lastschriftengang Ausland
Payments	Received Direct Debits	Direct Debit	PMNT	RDDT	PMDD	Lastschriftengang

Domain	Family	Sub-Family	Domain Code	Family Code	SubFamily Code	Swiss Market Individualization
Payments	Received Direct Debits	Reversal Due To Payment Reversal	PMNT	RDDT	PRDD	Rückbuchung Lastschrift
Payments	Received Direct Debits	SEPA B2B Direct Debit	PMNT	RDDT	BBDD	Eingang SEPA-Firmenlastschrift
Payments	Received Direct Debits	SEPA Core Direct Debit	PMNT	RDDT	ESDD	Eingang SEPA-Basislastschrift

alle	alle	Charges (Generic)	*	*	CHRG	Gebühren, Spesen
alle	alle	Credit Adjustments (Generic)	*	*	CAJT	Berichtigung Haben
alle	alle	Debit Adjustments (Generic)	*	*	DAJT	Berichtigung Soll
alle	alle	Other	*	*	OTHR	Übrige

Table 13: Bank Transaction Codes

Appendix C: Unused elements

The following elements from the ISO standard are not sent in the Swiss standard:

ISO 20022 Standard		
Message Item	XML Tag	Mult.
Group Header +Message Recipient ++Postal Address	PstlAdr	0..1
Group Header +Message Recipient ++Country Of Residence	CtryOfRes	0..1
Group Header +Message Recipient ++Contact Details	CtctDtls	0..1
Statement +Legal Sequence Number	LglSeqNb	0..1
Statement +Account ++Identification +++Other ++++Scheme Name	SchmeNm	0..1
Statement +Account ++Identification +++Other ++++Issuer	Issr	0..1
Statement +Account ++Type	Tp	0..1
Statement +Account ++Currency	Ccy	0..1
Statement +Account ++Name	Nm	0..1
Statement +Account ++Owner +++Country Of Residence	CtryOfRes	0..1
Statement +Account ++Owner +++Contact Details	CtctDtls	0..1
Statement +Related Account	RltdAcct	0..1
Statement +Interest	Intrst	0..n
Statement +Balance ++Credit Line	CdtLine	0..1
Statement +Balance ++Availability	Avlbty	0..n
Statement +Transactions Summary ++Total Entries per Bank Transaction Code +++Availability	Avlbty	0..n
Entry +Availability	Avlbty	0..n
Entry +Commission Waiver Indicator	ComssnWvrInd	0..1
Entry +Amount Details ++Instructed Amount	InstdAmt	0..1

ISO 20022 Standard		
Message Item	XML Tag	Mult.
Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Unit Currency	UnitCcy	0..1
Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Contract Identification	CtrctId	0..1
Entry +Amount Details ++Transaction Amount +++Currency Exchange ++++Quotation Date	QtnDt	0..1
Entry +Amount Details ++Counter Value Amount	CntrValAmt	0..1
Entry +Amount Details ++Announced Posting Amount	AnncdPstngAmt	0..1
Entry +Amount Details ++Proprietary Amount	PrtryAmt	0..n
Entry +Charges ++Credit Debit Indicator	CdtDbtInd	0..1
Entry +Charges ++Bearer	Br	0..1
Entry +Charges ++Party	Pty	0..1
Entry +Charges ++Tax	Tax	0..1
Entry +Technical Input Channel	TechInptChanl	0..1
Entry +Interest	Intrst	0..n
Entry +Entry Details ++Batch +++Credit Debit Indicator	CdtDbtInd	0..1
Transaction Details +References ++Transaction Identification	TxId	0..1
Transaction Details +References ++Clearing System Reference	ClrSysRef	0..1
Transaction Details +References ++Proprietary	Prtry	0..1
Transaction Details +Amount Details ++Announced Posting Amount	AnncdPstngAmt	0..1
Transaction Details +Amount Details ++Proprietary Amount	PrtryAmt	0..n
Transaction Details +Availability	Avlbty	0..n
Transaction Details +Charges ++Total Charges And Tax Amount	TtlChrgsAndTaxAmt	0..1

ISO 20022 Standard		
Message Item	XML Tag	Mult.
Transaction Details +Charges ++Credit Debit Indicator	CdtDbtInd	0..1
Transaction Details +Charges ++Type	Tp	0..1
Transaction Details +Charges ++Rate	Rate	0..1
Transaction Details +Charges ++Party	Pty	0..1
Transaction Details +Charges ++Tax	Tax	0..1
Transaction Details +Interest	Intrst	0..n
Transaction Details +Related Parties ++Trading Party	TradgPty	0..1
Transaction Details +Related Agents ++Intermediary Agent 2	IntrmyAgt2	0..1
Transaction Details +Related Agents ++Intermediary Agent 3	IntrmyAgt3	0..1
Transaction Details +Related Agents ++Receiving Agent	RcvgAgt	0..1
Transaction Details +Related Agents ++Delivering Agent	DlvrgAgt	0..1
Transaction Details +Related Agents ++Issuing Agent	IssgAgt	0..1
Transaction Details +Related Agents ++Settlement Place	SttlmPlc	0..1
Transaction Details +Related Agents ++Proprietary	Prtry	0..n
Transaction Details +Related Remittance Information	RltdRmtInf	0..10
Transaction Details +Related Dates ++Trade Activity Contractual Settlement Date	TradActvtyCtrctlSttlmDt	0..1
Transaction Details +Related Dates ++Trade Date	TradDt	0..1
Transaction Details +Related Dates ++Start Date	StartDt	0..1
Transaction Details +Related Dates ++End Date	EndDt	0..1
Transaction Details +Related Dates ++Transaction Date Time	TxDtTm	0..1
Transaction Details +Related Dates ++Proprietary	Prtry	0..n
Transaction Details +Related Quantities	RltdQties	0..n

ISO 20022 Standard		
Message Item	XML Tag	Mult.
Transaction Details +Financial Instrument Identification	FinInstrmId	0..1
Transaction Details +Tax	Tax	0..1
Transaction Details +Corporate Action	CorpActn	0..1
Transaction Details +Safekeeping Account	SfkpgAcct	0..1
Transaction Details +Additional Transaction Information	AddlTxInf	0..1
Statement +Additional Statement Information	AddlStmntInf	0..1

Table 14: Unused elements

The following elements are also not sent in V4:

ISO 20022 Standard		
Message Item	XML Tag	Mult.
Group Header +Original Business Query	OrgnlBIZQry	0..1
Statement +Statement Pagination	StmntPgntn	0..1
Entry +Card Transaction	CardTx	0..1
Transaction Details +Cash Deposit	CshDpst	0..1
Transaction Details +Card Transaction	CardTx	0..1
Transaction Details +Supplementary Data	SplmtryData	0..*
Supplementary Data	SplmtryData	0..*

Table 15: Elements not sent in V4

Appendix D: Example

On the www.iso-payments.ch website, the example described in this document is published as XML file:

- ***camt_053_Beispiel_1.xml***

Appendix E: Symbols for graphical XML representation

Expand and collapse symbols

Wherever parts of the tree structure can be expanded or collapsed, expand and collapse symbols are added to the symbols in the graphical representation. These consist of a small square containing either a plus sign or a minus sign.

- ⊕ Expand symbol: if you click on the plus sign the tree structure is expanded so subsequent symbols (attributes or child elements) are displayed. The expand symbol then changes to a collapse symbol.
- ⊖ Collapse symbol: if you click on the minus sign, the tree structure is collapsed again, i.e. the subsequent symbols disappear again. The collapse symbol then changes to an open symbol again.

Elements

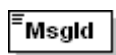
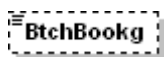
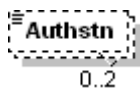


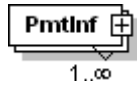
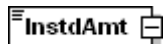
Elements are shown as rectangles containing the name of the element. For mandatory elements, the rectangle is shown with a continuous line, for optional elements the line is dotted.

For complex elements, which, unlike simple elements could contain attributes or other elements (so-called child elements), the rectangle has an expand or collapse symbol on the right.

Three little lines in the top left corner of the rectangle indicate that the element contains data (otherwise the element contains child elements).

Elements which are allowed to occur more than once are shown as 2 superimposed rectangles. Bottom right, you can see the minimum and maximum number of occurrences.

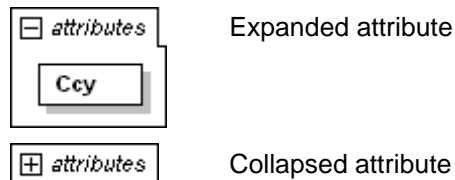
Examples:

	Mandatory simple element
	Optional simple element
	Optional simple element which can occur a maximum of twice
	Mandatory complex element (with child elements) with collapsed tree structure
	Mandatory complex element (with child elements) with expanded tree structure
	Mandatory complex element (with child elements) which can occur any number of times
	Mandatory complex element (with attributes)

Attributes

Attributes are also shown as rectangles, containing the name of the attribute. They are surrounded by a box containing the word "attributes" and an expand or collapse symbol. For mandatory attributes, the rectangle is drawn with a continuous line, for optional attributes the line is dotted.

Example:



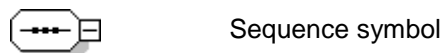
Choice

To the right of a choice symbol, the connecting lines branch off to the possible elements, of which only one can be present in the XML message.



Sequence

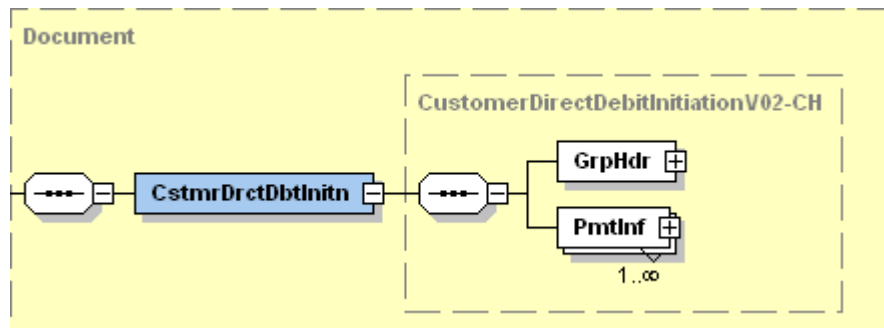
To the right of a sequence symbol, the connecting lines branch off to the elements which are to be used in the XML message in the order shown (optional elements and attributes can of course also be omitted).



Frame

For increased clarity, all the child elements, attributes and other information belonging to a complex element are surrounded by a dotted frame with a yellow shaded background.

Example:



Appendix F: Basis for the Swiss recommendations

The Swiss recommendations (Business Rules and these Implementation Guidelines for Cash Management Messages) are based on documents from ISO and EPC.

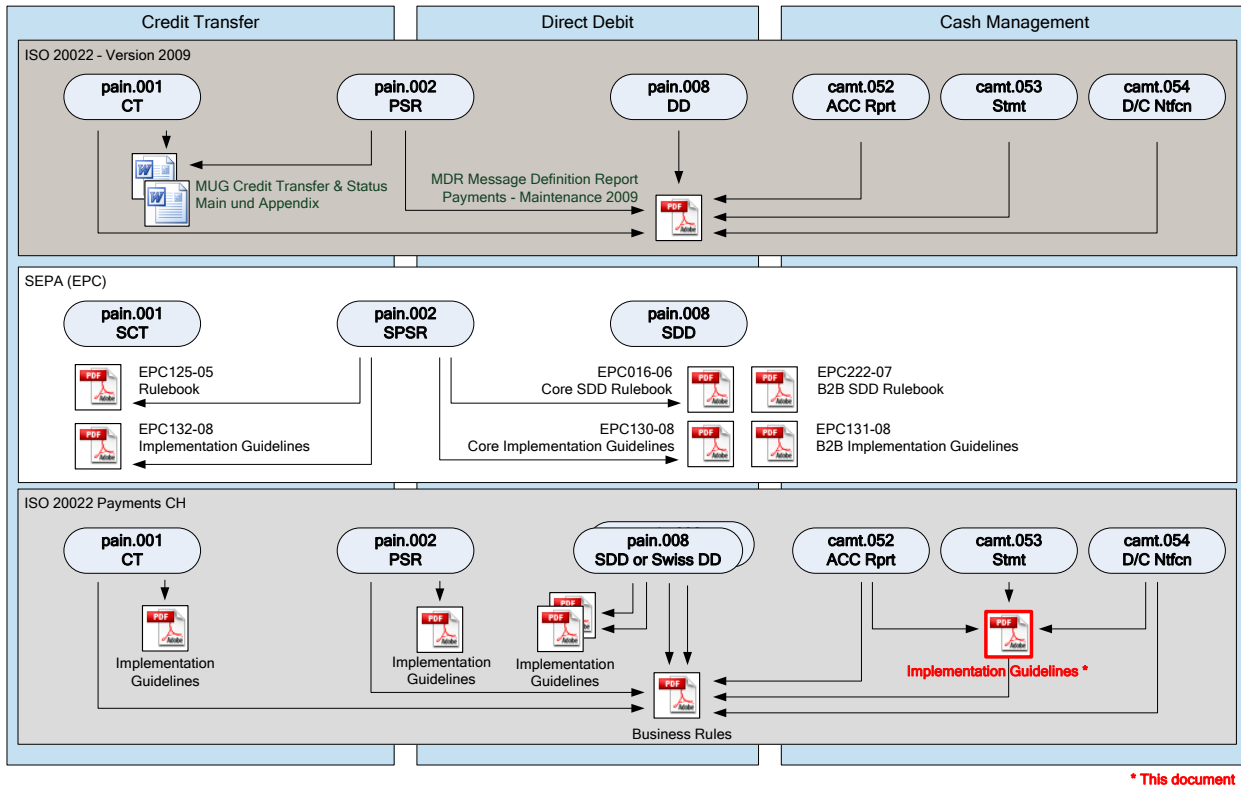


Figure 17: Basis for the Swiss recommendations

Appendix G: Table of tables

Table 1:	Reference documents	7
Table 2:	Links to the relevant Internet pages	7
Table 3:	Correspondence between "camt" messages and SWIFT MT messages	17
Table 4:	Group Header (GrpHdr, A-Level)	21
Table 5:	Statement/Report/Notification (B-Level)	31
Table 6:	Report Entry (Ntry, C-Level)	37
Table 7:	Batch (Btch)	39
Table 8:	Transaction Details (TxDtls, D-Level)	48
Table 9:	References in camt messages	53
Table 10:	Elements for the parties involved in R-transactions	58
Table 11:	Specific representation in account statement "camt.053" for ISR payments/inpayment slip with QR code, SEPA DD, SEPA SCT and LSV ⁺ /BDD	72
Table 12:	Transaction Details (TxDtls, D-Level)	78
Table 13:	Bank Transaction Codes	82
Table 14:	Unused elements	86
Table 15:	Elements not sent in V4	86

Appendix H: Table of figures

Figure 1:	Payment instructions and cash management (reporting) with ISO 20022	8
Figure 2:	Degree of concordance between the Swiss ISO 20022 Payments Standards and ISO 20022	9
Figure 3:	Example of graphical representation of an XML message	10
Figure 4:	Message structure for Cash Management messages (camt.053)	16
Figure 5:	Group Header (GrpHdr)	18
Figure 6:	Statement (Stmnt)	22
Figure 7:	Entry (Ntry)	32
Figure 8:	Entry Details (NtryDtls)	38
Figure 9:	Batch (Btch)	38
Figure 10:	Transaction Details (TxDtls)	40
Figure 11:	Use of the ISO version 2013 "camt.053.001.04"	49
Figure 12:	"camt" references in a payment	54
Figure 13:	"camt" references for a Direct Debit	55
Figure 14:	ISR reference in a Credit Transfer (pain.001)	56
Figure 15:	ISR reference in a Direct Debit (pain.008)	57
Figure 16:	Batch booking principle	74
Figure 17:	Basis for the Swiss recommendations	90