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Die Deutsche
Kreditwirtschaft

Appendix 3

of the specification for

remote data transfer between customer and

bank according to the DFÜ

agreement

"Specification of Data Formats"

Version 3.0 of May 12th, 2016

Effective from November 20th, 2016

Final Version

Amendment History (in comparison to version 2.9 of April 20th, 2015)

Chapter	Type*	Description
2 and SEPA schema	A	<p>Adjustment of chapter "SEPA" to the EPC Implementation Guidelines, valid from November 20th, 2016 and in addition the EPC recommendations regarding the range of values for the mandate reference.</p> <p>The presentation deadline for direct debits to the payer's payment service provider (Zahlungsdienstleister = ZDL) will always be D-1 in the future. Especially, the meaning of the value „CORE“ (local Instrument) changes to D-1.</p> <p>Important note:</p> <p>For these adjustments an update of the SEPA schema was required which complies with the suggestions of the EPC.</p> <p>Each and all new allocation rules (relevant to the schema) being specified in this version (version 3.0) of Appendix 3 of the DFÜ Agreement can only be applied with simultaneous use of the schema data being adapted to this version of Annex 3 (For file name see beginning of chapter 2, "SEPA-Payment Transactions").</p> <p>In case of further use of the previous schema, version 2.9 of Annex 3 has to be referred to. This applies especially to the observance of the reference documents mentioned in chapter 2.</p> <p>The (technical) amendments to the schema are the following:</p> <ul style="list-style-type: none"> • Data type for the mandate reference (as to element <MndtId>) is extended by the value of the blank character. Instead of RestrictedIdentificationSEPA2 type RestrictedIdentificationSEPA1 is now used with mandate reference. As a consequence, data type RestrictedIdentificationSEPA2 can be deleted completely from the schema. • Structural amendments, especially owing to IBAN Only, were made in the area of mandate amendments: With the original debtor agent <OrgnDbtrAgt> only the BIC can be specified (not SMNDA any more), with the account of the original debtor <OrgnDbtrAcct> there are now two options for specification instead of one (old IBAN or SMNDA, however, with a different meaning than before with the debtor agent) – this being connected with a complex amendment of rules (see chapter 2.2.2.9 for details). • The new schema documents provided by the DK receive the same name space as ISO (Edition 2009) and the EPC's draft for the Customer to Bank-Schema, respectively, i.e.: pain.001.001.03, pain.002.001.02 and pain.008.001.02. <p>The adjustment of Annex 3 to the new EPC Implementation Guidelines partly have an effect on the SEPA schema; to some extent only the allocation rule of a field has changed, without an alteration of the schema's syntax. The items mentioned above under 1) to 3) are the amendments with syntax changes of the schema.</p>
2	C	Clarification of the earliest date of submission for SEPA direct debits and credit transfers.

* E = Error; A = Amendment; C = Clarification; Ext = Extension; D = Deletion

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Chapter	Type*	Description
2	A	In context of the revision of chapter 2, the term „place of payment“ which has been used up to now is being replaced by the PSD compliant term „payer's service provider“ (ZDL)
5	A	Minor adjustments and additions
7	E / C	For reasons of clarification or extension the following adjustments have been applied: 1) Specification for specifying the payment information identification (identifies a bulk) with camt statement on the AG's end 2) Specification of bank transaction code on entry level mandatory 3) Update of field Issuer of BkTxCd
7.5 / 8.2.6 new Appendix 1 of Annex 3	E / D / A	<p>A mapping of ISO Domain/Family/Subfamily has been defined for all business transaction codes (GVC) of chapter 8.2.6. The mapping will be kept as a separate document (Appendix 1 of Annex 3 of the DFÜ Agreement).</p> <p>For reasons of illustration the examples in 7.5.15.3 have been extended by the allocation of <Domn>. As these are optional allocations, examples in other chapters have not been extended by <Domn>.</p> <p>In context of the mapping, the list of business transaction codes (GVC) have been updated (amendments, extensions) and have partly also been reassessed (deletions).</p>

Management Summary

The appendix 3, Specification of Data Formats, of the DFÜ agreement is a compilation of formats which are standardised and permitted for “DFÜ (remote data transfer) with customers”.

The formats described are formats for payment transactions (DTAUS, schema files provided by the German Banking Industry Committee (Deutsche Kreditwirtschaft, DK) for SEPA and for submission of same-day urgent credit transfer as well as DTAZV), for downloading customer statement messages (MT940/942, camt.05x) and information pertaining to the securities business as well as formats for the documentary business (documentary credits and guarantees).

Moreover, the next to last chapter (chapter 9) specifies the facilities for storing multiple individual messages in one file (container formats).

Note: The order types listed in this document are not the complete bank-technical order types defined in EBICS (Appendix 1 of the DFÜ agreement) with their allocated formats (e.g. RFT = MT101, ESR and ESA = EDIFACT ...)

To some extent, international standards are concerned which have been supplied with special allocation rules by the DK; other formats are subsets of existing standards or specifications by the DK in their own right, respectively.

The appendix 3, Specification of Data Formats, of the DFÜ agreement is directed at personnel working at financial institutions in the field of payment transactions and electronic banking or being in charge of the implementation of electronic banking solutions (in IT departments of financial institutions, corporate customers or producers).

It is also directed at clients who submit files as specified in appendix 3 to test their files in the case of format errors accordingly.

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Notes:

As minimum requirement for the contents of the accompanying note signed by hand for the formats which are described in the first three chapters (DTAUS, SEPA, DTAZV), the data of the EBICS customer protocol file display is recommended.

The SWIFT character set applies for all SWIFT formats unless otherwise defined.

1 Domestic Payments

Annotation for payments which come under the regulation (EU) 260/2012 (SEPA regulation): Since February 1st 2016 customers are not allowed to submit files in the format specified here.

This chapter will be omitted in the next version of this document.

1.1 DTAUS0: Collective payment transactions order in diskette format

The file in diskette format (ASCII format; unpacked) possesses the following file specifications:

Permitted Character Set ¹	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' - X '39'
Upper-case letters	A to Z	X '41' - X '5A'
<u>Special characters:</u> Blank Full stop Comma Ampersand Hyphen Slash Plus sign Asterisk Dollar sign Percent sign	" " "." "." "." "&" "-" "/" "+" "*" "\$" "%"	
Special German characters are coded as follows:	"Ä" "Ö" "Ü" "ß"	X '5B' X '5C' X '5D' X '7E'

The financial institution will not be liable for any errors that occur when printing characters differing from the above.

The financial institution may either automatically convert lower-case letters in data records into upper-case letters, or it may return those data records to the customer. Other not permitted special characters may be replaced by blanks.

File format:

Direct access files; physical record length 128 bytes. Record levels A and E consist of one physical record each with 128 bytes.

Every data record C comprises at least two record sections (physical records) with 128 bytes.²

¹ Coding according to DIN 66003 (June 1974), Code Table 2, German reference version.

² Only the defined character set may be used. In particular, the file must neither contain any hyphens nor any formatting or control characters.

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File structure:

The logical file is to be structured as follows:

- Record level A = data header
- Record level C = single payment order
- Record level E = data trailer

A logical file may only contain either credits or direct debits. Any deviation of structure or specification must be agreed upon separately.

In the case of any violations of IT specific conventions which lead to a program abort, especially if a record length or a data format is wrong, the recipient is entitled to return the entire file unprocessed.

Record level A (data header)

Record level A contains the sender and receiver of the file and exists only once in each logical file. It is 128 bytes long.

Field	Length in Bytes	Format ³	Content	Explanation
1	4	n	Record length	'0128'
2	1	an	Record level	Constant "A"
3	2	an	Identifier "GK" or "LK", "GB" or "LB"	Reference to credit transfer (= G) or direct debit (= L), C2B (= K), B2B (= B)
4	8	n	German bank code	German bank code of the receiving party (file recipient)
5	8	n	X '30'	B2B only, zero otherwise
6	27	an	Name of customer	Initiating party (sender)
7	6	n	Date	Creation date of file (DDMMYY; D = day, M = month, Y = year)
8	4	an	X '20'	Blanks (bank internal field)
9	10	n	Account number	German account number of customer (payee in the case of a direct debit / payer in the case of a credit transfer), max. 10 digits (right-justified, empty digits set to zero). The equivalent amount is allocated via this account.
10	10	n	Reference number of the submitting customer	Optional
11a	15	an	(X '20')	Reserve

³ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

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Field	Length in Bytes	Format ³	Content	Explanation
11b	8	an	Execution date (DDMMYYYY)	Optional. The earliest execution date may be on the day of file creation (field A7) or up to 15 calendar days later than the date specified in field A7 at the most. If a particular date is provided in this data field, the period stipulated in paragraph III, no. 4, of the Special Conditions for Remote Data Transfer of at least 14 calendar days is to be calculated from the scheduled execution date on.
11c	24	an	Blanks (X '20')	Reserve
12	1	an	Currency attribute	"1" = Euro
	128			

Record level C (single payment order)

Record level C contains details of the orders to be executed (credit transfers or direct debits). It contains a constant and a variable part.

Constant part, 1st record section:

Field	Length in Bytes	Data Format ⁴	Content	Explanation
1	4	n	Record length	Logical record length (constant part with 187 bytes + extension(s) of 29 bytes), max. '0622' ⁵)
2	1	an	Record type	Constant "C"
3	8	n	Bank code	German bank code: first financial institution involved, discretionary
4	8	n	Bank code	German bank code: destination financial institution /place of payment
5	10	n	Account number	German account number: payee (in the case of a credit transfer) / payer (in the case of a direct debit)
6	13	n	If not used: zeros	Field C6 can be filled in as follows: 1st byte = 0 or 1 ⁶ 2nd - 12th bytes: internal customer number or zeros 13th byte = 0
7a	2	n	Text key	Identifier for payment type and text key additions according to chapter 1.1.1

⁴ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁵ The fields of the variable part of a record which are used only to delimit each record section (fields C 23, C 32, C 41, C 50, C 53) are thus not to be considered in the statement of record length.

⁶ The application of value 1 is only permitted for banks and network providers.

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Field	Length in Bytes	Data Format ⁴	Content	Explanation
7b	3	n	Text key extension	
8	1	an	X '20'	Bank internal field
9	11	n	Zero ⁷	Right-justified; reserve
10	8	n	Bank code	German bank code: First financial institution instructed / first place of collection
11	10	n	Account number	German account number: payer (in the case of a credit transfer) / payee (in the case of a direct debit); right-justified
12	11	n	Amount in Euros, including decimal places	Right-justified
13	3	an	X '20'	Reserve
14a	27	an	Name	Payee (in the case of a credit transfer) / payer (in the case of a direct debit), left-justified
14b	8	an	X '20'	To be used as record section delimiter (must not contain any data)
	128			

Constant part, 2nd record section:

Field	Length in Bytes	Data Format ⁸	Content	Explanation
15	27	an	Name	Payer (in the case of a credit transfer) / payee (in the case of a direct debit); left-justified, names used should be as short as possible
16	27	an	Remittance information	Information given should be as brief as possible. The information has to refer exclusively to the payment transaction at hand. At the start of the data field, the information should be entered left-justified which the payee (in the case of a credit transfer) / payer (in the case of a direct debit) may want to access to mechanically or, in case of a direct debit, the payee needs if the payment cannot be credited and should need to be sent back to him unpaid. ⁹

⁷ Field may be filled with the amount in Deutsche Mark for information only by the bank.

⁸ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁹ The payee (in the case of a direct debit) / payer (in the case of a credit transfer) is able to automatically process payment information transmitted electronically without any separate agreement with the payer/payee if the information in the data field C16 "Remittance information" is structured as follows:

Field indicator	Content
/INV (Invoice)	Invoice number
/RFB (Reference Beneficiary)	Reference of the payee

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Field	Length in Bytes	Data Format ⁸	Content	Explanation
17a	1	an	Currency attribute	"1" = Euro
17b	2	an	X '20'	Reserve
18	2	n	Extension character	00 = no extension following 01-15 = number of extensions of 29 bytes

Variable part, 2nd record section (continued):

This variable part forms a single unit together with the constant part. It is only provided if additional information has to be entered which exceeds the data fields in the constant part. Up to 6 record sections of 128 bytes can be specified for record C. It may contain:

- 1 extension for payee (in the case of a credit transfer) or payer (in the case of direct debit) (01)
- Up to 13 extensions for remittance information (all 02) and
- 1 extension for payer (in the case of a credit transfer) or payee (in the case of direct debit) (03).

Field	Length in Bytes	Data Format ¹⁰	Content	Explanation
19	2	n	Identifier of extension	01 = Name of the payee (in the case of a credit transfer) or payer (in the case of direct debit) 02 = Remittance information 03 = Name of payer (in the case of a credit transfer) or payee (in the case of direct debit)

/ROC (Reference Ordering Customer) Reference of the ordering customer (payer)

Related to text key "54" (Employment savings benefits), particular details given as remittance information are represented by text key additions only. When transferring money to savings accounts of financial institutions, a related text in data field C16 "Remittance information" is not required. The field must therefore remain empty. However, if savings are transferred to accounts of building societies, insurance companies, and the like, the data field "Remittance information" has to be filled in as follows:

Building society account number or insurance number (left-justified)
Name of the payee

¹⁰ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

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Field	Length in Bytes	Data Format ¹⁰	Content	Explanation
20	27	an	Payee (in the case of a credit transfer) or payer (in the case of direct debit) / remittance information / payer (in the case of a credit transfer) or payee (in the case of direct debit)	Left-justified. Basically, returned remittances and direct debits are always returned without the content of the extensions under "remittance information" by the bank. For this reason, the payer (in the case of a credit transfer) or payee (in the case of direct debit) must include the necessary remittance information in the constant part of record C (see explanations to field C 16).
21	2	n	Identifier of the extension	(as for field 19)
22	27	an	Data of extension	(as for field 20)
23	11	an	X '20'	Used as record section delimiter (should not be taken into account when stating the record length in field C 1)
	128			

Variable part, 3rd record section:

Field	Length in Bytes	Data Format ¹¹	Content	Explanation
24	2	n	Identifier of extension	(as for field 19)
25	27	an	Data of extension	(as for field 20)
26	2	n	Identifier of extension	(as for field 19)
27	27	an	Data of extension	(as for field 20)
28	2	n	Identifier of extension	(as for field 19)
29	27	an	Data of extension	(as for field 20)
30	2	n	Identifier of extension	(as for field 19)
31	27	an	Data of extension	(as for field 20)
32	12	an	X '20'	Used as record section delimiter (should not be taken into account when stating the record length in field C 1)
	128			

¹¹ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30')..

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For any additional extensions that may be necessary, the 4th to 6th record sections are available. The structure of the 4th and 5th sections correspond to that of the 3rd section. Record section 6 contains only one extension.

Record E (data trailer)

Record E is used for performing checks. It occurs only once in each logical file.

Field	Length in Bytes	Data Format ¹²	Content	Explanation
1	4	n	Record length	'0128'
2	1	an	Record type	Constant "E"
3	5	an	X '20'	Reserve
4	7	n	Number of C records	Used for performing checks
5	13	n	Zero	Reserve, right-justified
6	17	n	Arithmetic sum of account numbers of field 5 of the C records	Used for performing checks
7	17	n	Arithmetic sum of the bank codes of field 4 of the C records	Used for performing checks
8	13	n	Arithmetic sum of the euro amounts of field 12 of the C records	Used for performing checks
9	51	an	X '20'	Used as record section delimiter
	128			

¹² an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

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1.1.1 Explanations of fields 7a and 7b of record C

To identify the type of payment, standard text keys have been defined by the banks. Any special text keys that have been specified for individual types of payment must always be used. This applies especially to wage, salary and pension payments (text key "53") and for employment savings benefits (text key "54"). Public institutions can identify wages and salaries paid by them using text key "56". The following entries for data fields 7a and 7b are possible:

Text Key (Field 7a)	Text Key Addition (Field 7b)	Explanation	Content of Field 7
04	000 ¹³	Direct debit (Pre-authorised payment order procedure)	'04000'
05	000 ¹³	Direct debit (Direct debit authority procedure)	'05000'
05	008 ¹⁴	Direct debit from credit card turnover	'05008'
05	019	Direct debit from POS transaction – German ELV procedure	'05019'
51	000 ¹³	Credit of a credit transfer (e.g. commercial payment)	'51000'
53	000 ¹³	Wages, salary, pension credit	'53000'
54	XXJ ¹⁵	Employment savings benefits (VL)	'54XXJ'
56	000	Payments of public institutions	'56000'
67 ¹⁶	000 ¹³	Remittance credit with checksum-protected processing instructions	'67000'
68	000 ¹³	Credit from blank remittance/payment form	'68000'
69	000 ¹³	Credit of a remittance for charitable contributions	'69000'

¹³ If the client or payment originator is a non-resident (under the definition of the foreign trade regulations), the text key addition "000" should be replaced by "888".

¹⁴ Permitted for credit card organisations only. Particular data format specifications apply to card-based payment transactions (not included in Appendix 3).

¹⁵ The characters "XX" are to be replaced with "00" or the percentage of the savings bonus; the letter "J" is to be replaced with the final digit of the year for which the payment shall apply. Example: For a payment for 2001 with 10% savings bonus, data field 7 should read "54001" or "54101".

¹⁶ The calculation method of the checksum for internal processing instructions (customer reference number; according to DIN ISO 7064, MOD 11, 10) can be gathered from the "Richtlinien für einheitliche Zahlungsverkehrsvordrucke" (Guidelines for standardised payment transaction forms) (2009), appendix 2 to appendix 1.

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1.1.2 Checks performed (plausibility and field contents)

After receipt and before transmission of a file in diskette format, the C data records are to be checked mechanically as follows:

Field	Content	Data Format ¹⁷
German bank code of destination financial institution/place of payment (field C 4)	Must be a valid bank code as per directory of the Deutsche Bundesbank, first digit neither 0 nor 9	n
German account number of the payee (in the case of a credit transfer)/payer (in the case of a direct debit) (field C 5)	Not equal to zero	n
Internal customer number (Field C 6)	1st byte equal to 0	n
Text key – Direct debits – Credit transfers (Field C 7a)	Equals 04, 05 ¹⁸ Equals 51, 53, 54, 56 ¹⁸	n
German bank code: first financial institution instructed / first place of collection (field C 10)	1st digit not equal to 0 or 9	n
German account number: payer (in the case of a credit transfer) / payee (in the case of a direct debit) (field C 11)	Not equal to zero	n
Amount (field C 12)	Not equal to zero	n
Name of the payee (in the case of a credit transfer) / payer (in the case of a direct debit) (field C 14)	Not equal to X '20'	an
Name of the payer (in the case of a credit transfer) / payee (in the case of a direct debit (field C 15)	Not equal to X '20'	an
Currency attribute (field C 17a)	"1" = Euro	an
Extension character (field C 18)	equals 00–15	n
Identifier of extension (field C 19; C 21; C 24; C 26; etc., variable part)	Equals 01, 02, 03, etc., in ascending order, 01 no more than once 02 no more than 13 times 03 no more than once	n

The check sums obtained by adding the number of C records, the "Amount" field (C 12), "the German account number of the payee (in the case of a credit transfer)/payer (in the case of a direct debit)" (C 5) and "German bank code of the destination financial institution/place of payment" (C 4) have to match the check data in record E.

¹⁷ an = alphanumeric data; n = numeric data, unpacked. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁸ Additional text keys 09, 59, 67 to 69 in the case of files in magnetic tape format delivered by the bank

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1.2 DTAUS: Collective payment transactions order in magnetic tape format

The file in magnetic tape format (EBCDIC-Code, packed format) possesses the following file specifications:

Permitted Character Set ¹⁹	Characters	Hexadecimal Code
Numeric characters	0 to 9	X 'F0' - X 'F9'
Upper-case letters	A to Z	X 'C1' - X 'C9' X 'D1' - X 'D9' X 'E2' - X 'E9'
Special characters:		
Blank	" "	X '40'
Full stop	"."	X '4B'
Comma	" , "	X '6B'
Ampersand	"&"	X '50'
Hyphen	" - "	X '60'
Slash	" / "	X '61'
Plus sign	" + "	X '4E'
Asterisk	" * "	X '5C'
Dollar sign	" \$ "	X '5B'
Percent sign	" % "	X '6C'
Special German characters are coded as follows:	"Ä" "Ö" "Ü" "ß"	X '4A' X 'EO' X '5A' X 'A1'

The financial institution will not be liable for any errors that occur when printing characters differing from the above.

The financial institution may either automatically convert lower-case letters in data records into upper-case letters, or it may return those data records to the customer. Other not permitted special characters may be replaced by blanks.

File structure:

The logical file is to be structured as follows:

- Record level A = data header with 150 bytes
- Record level C = single payment order with a constant part consisting of 150 bytes and a variable part of up to 435 bytes
- Record level E = data trailer with 150 bytes

A logical file may only contain either credits or direct debits. Any deviation of structure or specification must be agreed upon separately.

In the case of any violations which lead to a program abort, especially if a record length or a data format is wrong, the recipient is entitled to return the entire file unprocessed.

¹⁹ Codierung as per DIN 66003 (June 1974), Code Table 2, German reference version.

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Record level A (data header)

Record level A contains the sender and receiver of the file and exists only once in each logical file.

Field	Length in Bytes	Data Format ²⁰	Content	Explanation
1	4	b	Record length	Specification of record length according to the conventions for variable record length (Record length field 4 bytes, whereof 2 bytes to the left contain binary information and the remaining bytes are set to X '40' or X '00').
2	1	an	Record level	Constant "A"
3	2	an	Identifier "GK" or "LK", "GB" or "LB"	Reference to credit transfer (= G) or direct debit (= L), C2B (= K), B2B (= B)
4	5	np	German bank code	German bank code of the receiving party (file recipient)
5	5	np	Zero	B2B only, zero otherwise (packed)
6	27	an	Name of customer	Initiating party (sender)
7	4	np	Date	Creation date of file (DDMMYY; D= day, M= month, Y= year), right-justified
8	4	an	X '40'	Blanks (bank internal field)
9	6	np	Account number	German account number of customer (payee in the case of a direct debit) / payer (in the case of a credit transfer), up to 10 digits (right-justified, empty digits set to zero). The equivalent amount is allocated through this account.
10	10	n	Reference number of submitting customer	Optional.
11a	15	an	(X '40')	Reserve
11b	8	an	Execution date (DDMMYYYY)	Optional. The earliest execution date may be on the day of file creation (field A7) or up to 15 calendar days later than the date specified in field A7 at the most. If a particular date is provided in this data field, the period stipulated in paragraph III, no. 4, of the Special Conditions for Remote Data Transfer of at least 14 calendar days is to be calculated from the scheduled execution date on.
11c	58	an	X '40'	Reserve
12	1	an	Currency attribute	"1" = Euro
	150			

²⁰ an = alphanumeric (left-justified, empty digits filled with X'40'), b = binary, n = numeric data unpacked, np = numeric data packed, positive algebraic sign

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Appendix 3: Specification of Data Formats

Record level C (single payment order)

Record level C contains details of the orders to be executed (credit transfers or direct debits). It contains a constant and a variable part.

Constant part:

Field	Length in Bytes	Data Format ²¹	Content	Explanation
1	4	b	Record length	Specification of record length according to the conventions for variable record length (Record length field 4 bytes whereof 2 bytes to the left contain binary information and the remaining bytes are set to X '40' or X '00')
2	1	an	Record type	Constant "C"
3	5	np	Bank code	German bank code: First financial institution involved, discretionary
4	5	np	Bank code	German bank code: destination financial institution /place of payment
5	6	np	Account number	German account number: payee (in the case of a credit transfer) / payer (in the case of a direct debit); up to ten digits
6a	6	np without algebraic sign	Internal customer number	1st half-byte = 0 or 1 ²² , 2nd–12th half-byte = internal customer number or zeros
6b	7	np	Zeros	Bank internal field
7a	1	np without algebraic sign	Text key	Identifier for payment type and text key additions according to chapter 1.2.1
7b	2	np	Text key addition	
8	1	-	X'40'	Bank internal field
9	6	np	Zero ²³	Reserve, right-justified
10	5	np	Bank code	German bank code: First financial institution instructed / first place of collection
11	6	np	Account number	German account number: payer (in the case of a credit transfer) / payee (in the case of a direct debit); right-justified; up to 10 digits
12	6	np	Amount in Euros, including decimal places	Right-justified
13	3	an	X'40'	Bank internal field

²¹ an = alphanumeric (left-justified, empty digits filled with X'40'), b = binary, n = numeric data unpacked, np = numeric data packed, positive algebraic sign

²² The application of value 1 is only permitted for banks and network providers.

²³ Field may be filled with the amount in Deutsche Mark for information only by the bank.

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Field	Length in Bytes	Data Format ²¹	Content	Explanation
14	27	an	Name	Payee (in the case of a credit transfer) / payer (in the case of a direct debit), left-justified
15	27	an	Name	Payer (in the case of a credit transfer) / payee (in the case of a direct debit); left justified, names used should be as short as possible
16	27	an	Remittance information	Information given should be as brief as possible. The information has to refer exclusively to the payment transaction at hand. At the start of the data field, the information should be entered left-justified which the payee may want to access to mechanically during credit transfers (e.g. building society account number, insurance number, invoice number) or, in case of a direct debit, the payee needs if the payment cannot be credited and should need to be sent back to him unpaid ²⁴ .
17a	1	an	Currency attribute	„1“ = Euro
17b	2	-	X '40'	Reserve
18	2	np	Extension character	00 = no extension following 01-15 = number of extensions of 29 bytes
	150			

Variable part:

This variable part forms a single unit together with the constant part. It is only provided if additional information has to be entered which exceeds the data fields in the constant part. Up to 15 extensions can be appended to the constant part of data record C if the extension identifiers in ascending order are observed.

It may contain:

- 1 extension for payee (in the case of a credit transfer) or payer (in the case of direct debit) (01)

²⁴ The payee (in the case of a direct debit) / payer (in the case of a credit transfer) is able to automatically process payment information transmitted electronically without any separate agreement with the payer/payee if the information in the data field C16 "Remittance information" is structured as follows:

Field indicator	Content
/INV (Invoice)	Invoice number
/RFB (Reference Beneficiary)	Reference of the payee
/ROC (Reference Ordering Customer)	Reference of the ordering customer (payer)

Related to text key "54" (Employment savings benefits), particular details given as remittance information are represented by text key additions only. When transferring money to savings accounts of financial institutions, a related text in data field C16 "Remittance information" is not required. The field must therefore remain empty. However, if savings are transferred to accounts of building societies, insurance companies, and the like, the data field "Remittance information" has to be filled in as follows:

Building society account number or insurance number (left-justified)
Name of the payee

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- Up to 13 extensions for remittance information (all 02) and
- 1 extension for payer (in the case of a credit transfer) or payee (in the case of direct debit) (03).

Basically, returned remittances and direct debits are always returned without the content of the extensions under "remittance information". For this reason, the payer (in the case of a credit transfer) or payee (in the case of direct debit) must include the necessary remittance information in the constant part of record C (see explanations to field C 16).

Field	Length in Bytes	Data Format ²⁵	Content	Explanation
1	2	n	Identifier of extension	01 = name of the payee (in the case of a credit transfer) or payer (in the case of direct debit) 02 = remittance information 03 = name of payer (in the case of a credit transfer) or payee (in the case of direct debit)
2	27	an	Payee (in the case of a credit transfer) or payer (in the case of direct debit) / remittance information / payer (in the case of a credit transfer) or payee (in the case of direct debit)	Left-justified. Basically, returned remittances and direct debits are always returned without the content of the extensions under "remittance information". For this reason, the payer (in the case of a credit transfer) or payee (in the case of direct debit) must include the necessary remittance information in the constant part of record C (see explanations to field C 16).
	29			

Record E (data trailer)

Data record E is used for performing checks. It occurs only once in each logical file.

Field	Length in Bytes	Data Format ²⁶	Content	Explanation
1	4	b	Record length	Specification of record length according to the conventions for variable record length (Record length field (Record length 4 bytes, whereof 2 bytes to the left contain binary information and the remaining bytes are set to X'40' or X'00').
2	1	an	Record type	Constant "E"
3	5	-	X '40'	Reserve

²⁵ an = alphanumeric (left-justified, empty digits filled with X'40'), n = numeric data unpacked.

²⁶ an = alphanumeric (left-justified, empty digits filled with X'40'), b = binary, n = numeric data unpacked, np = numeric data packed, positive algebraic sign

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Field	Length in Bytes	Data Format ²⁶	Content	Explanation
4	4	np	Number of C records	Used for performing checks
5	7	-	Zero	Reserve, right-justified
6	9	np	Arithmetic sum of the account numbers in field 5 of the C records	Used for performing checks
7	9	np	Arithmetic sum of the bank codes in field 4 of the C records	Used for performing checks
8	7	np	Arithmetic sum of the Euro amounts in field 12 of the C records	Used for performing checks
9	104	-	X '40'	Reserve
	150			

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1.2.1 Explanations of fields 7a and 7b of record C

To identify the type of payment, standard text keys have been defined by the banks. Any special text keys that have been specified for individual types of payment must always be used. This applies especially to wage, salary and pension payments (text key "53") and for employment savings benefits (text key "54"). Public institutions can identify wages and salaries paid by them using text key "56".

The following are the possible entries for data fields 7a and 7b:

Text Key (Field 7a)	Text Key Addition (Field 7b)	Explanation	Content of Field 7
04	000 ²⁷	Direct debit (Pre-authorised payment order procedure)	'04000'
05	000 ²⁷	Direct debit (Direct debit authority procedure)	'05000'
05	008 ²⁸	Direct debit from credit card turnover	'05008'
05	019	Direct debit from POS transaction – German ELV procedure	'05019'
51	000 ²⁷	Credit of a credit transfer (e.g. commercial payment)	'51000'
53	000 ²⁷	Wages, salary, pension credit	'53000'
54	XXJ ²⁹	Employment savings benefits (VL)	'54XXJ'
56	000	Payments of public institutions	'56000'
67 ³⁰	000 ²⁷	Remittance credit with checksum- protected processing instructions	'67000'
68	000 ²⁷	Credit from blank remittance/ payment form	'68000'
69	000 ²⁷	Credit of a remittance for charitable contributions	'69000'

²⁷ If the client or payment originator is a non-resident (under the definition of the foreign trade regulations), the text key addition "000" should be replaced by "888".

²⁸ Permitted for credit card organisations only. Particular data format specifications apply to card-based payment transactions (not included in Appendix 3).

²⁹ The characters "XX" are to be replaced with "00" or the percentage of the savings bonus; the letter "J" is to be replaced with the final digit of the year for which the payment is to apply. Example: For a payment for 2001 with 10% savings bonus, data field 7 should read "54001" or "54101".

³⁰ The calculation method of the checksum for internal processing instructions (customer reference number; according to DIN ISO 7064, MOD 11, 10) can be gathered from the "Richtlinien für einheitliche Zahlungsverkehrsvordrucke" (Guidelines for standardised payment transaction forms) (2009), appendix 2 to appendix 1.

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1.2.2 Checks performed (plausibility and field contents)

After receipt and before transmission of a file in magnetic tape format, the C data records are to be checked mechanically as follows:

Field	Content	Data Format ³¹
German bank code of destination financial institution/place of payment (field C 4)	Must be a valid bank code as per directory of the Deutsche Bundesbank, first position neither 0 nor 9	np
German account number of the payee (in the case of a credit transfer)/payer (in the case of a direct debit) (field C 5)	Not equal to zero	np
Internal customer number (Field C 6)	1st half-byte equal to zero ³²	np without algebraic sign
Text key – Direct debits – Credit transfers (field C 7a)	Equals 04, 05 ³³ Equals 51, 53, 54, 56 ³³	np without algebraic sign
German bank code: First financial institution instructed / first place of collection (field C 10)	1st digit not equal to 0 or 9	np
German account number: payer (in the case of a credit transfer) / payee (in the case of a direct debit) (field C 11)	Not equal to zero	np
Amount (field C 12)	Not equal to zero	np
Name of the payee (in the case of a credit transfer) / payer (in the case of a direct debit) (field C 14)	Not equal to X '20'	an
Name of the payer (in the case of a credit transfer) / payee (in the case of a direct debit) (field C 15)	Not equal to X '20'	an
Currency attribute (field C 17a)	"1" = Euro	an
Extension character (field C 18)	Equals 00–15	np

³¹ an = alphanumeric; n = numeric data unpacked, np = numeric data packed, positive algebraic sign

³² In the case of files in magnetic tape format delivered by the bank, the first half-byte equals "1" for EZÜ payments, or equals "2" for BZÜ payments.

³³ In the case of files in magnetic tape format delivered by the bank, text keys 09, 59, 67 to 69 are added.

2 SEPA Payment Transactions

Since 2008 the German Banking Industry Committee (Die Deutsche Kreditwirtschaft, DK) have been supporting the SEPA data formats for credit transfers and direct debits.

The ISO Standard 20022 is the basis for data formats used by customers to submit voucher-less SEPA credit transfers and SEPA direct debits. To ensure an efficient use within the SEPA area³⁴ restrictions to the ISO standard were passed by the European Payments Council (EPC), the decision-making body of the European credit services sector for payment transactions.

The DK has specified the SEPA data formats for the customer-bank-interface based on the EPC Implementation Guidelines (reference documents see below) and provides corresponding schema files. In doing so, the EPC's precepts have been achieved precisely par for par. The schema files are fully interoperable with the ISO schema files. Therefore they use the same namespace. The complete message names are pain.001.001.03, pain.002.001.03 and pain.008.001.02.

The following message types have been specified at the customer-bank-interface for the SEPA Credit Transfer Initiation and the SEPA Direct Debit Initiation (direction is customer to bank):

Upload Order Type	Business Transaction	Namespace of the SEPA Message (DK)	Schema (DK)
CCT	Credit Transfer Initiation	urn:iso:std:iso:20022:tech:xsd:pain.001.001.03	pain.001.001.03.xsd
CDD	Direct Debit Initiation (SEPA core direct debit)	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02	pain.008.001.02.xsd
CDB	Direct Debit Initiation (SEPA business to business (B2B) direct debit)	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02	pain.008.001.02.xsd

From November 20th, 2016 the core direct debit will have a standard execution cycle D-1 (instead of D-5/D-2 as before). Hence the meaning of the code „CORE“ will have the meaning of the previous code „COR1“ which will not be permitted any longer from Version V 3.0 of Appendix 3 (this document). In one message only consignments of a particular type of SEPA direct debits (Either SEPA core direct debit or SEPA B2B direct debits) are permissive. This becomes apparent especially by the specification of the different upload order types.

The following message types have been specified at the customer-bank-interface for rejections prior to settlement (Rejects, direction is bank to customer):

Download Order Type	Business Transaction	Namespace of the SEPA Message (DK)	Schema (DK)
CRZ	Payment Status Report for Credit Transfer	urn:iso:std:iso:20022:tech:xsd:pain.002.001.03	Zip file with 1 to n messages of type pain.002.001.03.xsd

³⁴ For the currently participating countries please refer to the current version of the EPC document „SEPA Scheme Countries“ on the EPC-Website:
[http://www.europeanpaymentscouncil.eu/index.cfm/knowledge-bank/epc-documents/epc-list-of-sepa-scheme-countries/..](http://www.europeanpaymentscouncil.eu/index.cfm/knowledge-bank/epc-documents/epc-list-of-sepa-scheme-countries/)

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Download Order Type	Business Transaction	Namespace of the SEPA Message (DK)	Schema (DK)
CDZ	Payment Status Report for Direct Debit	urn:iso:std:iso:20022:tech:xsd:pain.002.001.03	Zip file with 1 to n messages of type pain.002.001.03.xsd

These message types are specified in the chapter 2.2 ('DK/EPC Specification for the SEPA Payment Transactions'). It is advised against using the schemas for the validation of XML files which are stored on the Internet. Instead, the schemas should be stored locally in the customer or bank systems as the availability of schemas on the Internet cannot always be guaranteed. This in turn may result in delays during the processing of orders.

Furthermore, the transmission of messages within an XML container is intended as an optional extension in view of message types and structures of messages. (Refer to chapter 9.1).

Referenced Documents

This specification is based on the following documents. When reference is made to these documents, the version listed below is valid:

- SEPA Credit Transfer Rulebook Version 8.2, valid from April 1st, 2016
- SEPA Credit Transfer Scheme Customer-to-Bank Implementation Guidelines Version 8.0, valid from November 22nd, 2015
- SEPA Direct Debit Core Rulebook Version 9.2, valid from November 20th, 2016 ,
- SEPA Direct Debit Core Scheme Customer-to-Bank Implementation Guidelines Version 9.0, valid from November 20th, 2016
- SEPA Direct Debit Business to Business Rulebook Version 7.2, valid from November 20th, 2016
- SEPA Direct Debit Business to Business Scheme Customer-to-Bank Implementation Guidelines Version 7.0, valid from November 20th, 2016
- ISO 20022 (schema) Payments - Maintenance 2009 Message Definition Report, Edition April 2009

Specifications for Shortform Terms used in this Document

Whenever the term SEPA core direct debit is used in the following specifications, it refers to the SEPA direct debit core scheme.

Whenever the term SEPA B2B is used in the following specifications, it refers to the SEPA direct debit Business to Business (B2B) scheme.

2.1 Specifications for all Data Formats

Message Structure

The messages 'Credit Transfer Initiation' and 'Direct Debit Initiation' are composed of three blocks:

- Group Header

This block is mandatory and occurs once. It contains elements such as Message-ID, and CreationDateTime.

- Payment Information

This block is mandatory and repetitive. It contains elements related to the originating side of the transaction, such as the Debtor/Creditor in case of a credit transfer or Payment Type Information, also one or several Transaction Information Blocks.

- Transaction Information

This block is mandatory for each Payment Information and repetitive. It contains, amongst others, elements related to the recipient of the message (such as the Creditor resp. Debtor in case of a credit transfer resp. direct debit), the amount, or remittance information.

On the group header level the specification of the number of transactions is mandatory (Number Of Transactions), the specification of the control sum (Control Sum) is optional. On the payment information level the specification of the number of transactions per batch and of the sum of the amounts is recommended.

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Character Set

To create SEPA messages, i.e. the reference data, the following characters are permitted according to the UTF-8 coding³⁵. Any usage of byte order marks (BOM) is not permitted.

Permitted Character Code	Character	Hex Code	UTF Coding ³⁶
numeric characters	0 to 9	X'30' – X'39'	U+0030 - U+0039
capital characters	A to Z	X'41' – X'5A'	U+0041 - U+005A
small characters	a to z	X'61' – X'7A'	U+0061 - U+007A
apostrophe	"'"	X'27'	U+0027
colon	"."	X'3A'	U+003A
question mark	"?"	X'3F'	U+003F
comma	"."	X'2C'	U+002C
minus	"_"	X'2D'	U+002D
blank character	" "	X'20'	U+0020
left bracket	"("	X'28'	U+0028
plus sign	"+"	X'2B'	U+002B
period	"."	X'2E'	U+002E
right bracket	")"	X'29'	U+0029
slash	"/"	X'2F'	U+002F

For the characters which have been additionally permitted for hitherto existing national payment transactions (DTAUS character set, see Chapter 1), the following regulation applies:

1. The financial institutions commit themselves to their adoption.
2. These can be converted according to the rules stated in the following table, if applicable:

³⁵ The declaration of the encoding being applied is dealt with in the XML message's declaration part. UTF-8 is permitted exclusively. The character set is restricted to the so called "Latin character set" by the EPC's Implementation Guidelines (chapter 1.4). In addition, references, identifications and identifiers are not allowed either to start or to end with a slash „/" or to contain a double slash „//". For detailed information regarding the concerned data elements in the SEPA schema please refer to the EPC document EPC230-15 „EPC Clarification Paper on the Use of Slashes in References, Identifications and Identifiers".

³⁶ The rules on the encoding of special characters functioning as control characters in XML messages are to be observed (see also EPC document EPC 217-08 "SEPA Requirements for an Extended Character Set (UNICODE Subset) Best Practices", chapter 6.2 "Handling of special characters")

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Characters to be supported	Characters	Hex Code	UTF Coding ³⁶	Conversion according to EPC Best Practices	Alternatively permitted
Umlauts (capital and small characters)	Ä Ö Ü ä ö ü	X'C3 84' X'C3 96' X'C3 9C' X'C3 A4' X'C3 B6' X'C3 BC'	U+00C4 U+00D6 U+00DC U+00E4 U+00F6 U+00FC	If not displayable, then convert to A, O, U, a, o, u	AE, OE, UE, ae, oe, ue
S sharp	ß	X'C3 9F'	U+00DF	s	ss
Ampersand	&	X'26'	U+0026	If not displayable, then convert to "+"	No alternative
Asterisk	*	X'2A'	U+002A	If not displayable, then convert to "." (period)	No alternative
Dollar symbol	\$	X'24'	U+0024	If not displayable, then convert to "." (period)	No alternative
Percent symbol	%	X'25'	U+0025	If not displayable, then convert to "." (period)	No alternative

If characters are used which are not contained in this character set, the financial institution is entitled either to replace the non-admissible characters or to reject the complete file³⁷. If the institution replaces any characters, it is recommended to apply Best Practices provided by the EPC as conversion rules as well.

Names for involved parties

In the SEPA data format (Implementation Guidelines) the allocation rule regarding the number of characters (140 characters defined by ISO 2009) is reduced. Names of all involved parties have 70 characters at maximum. (compare e.g. „Initiating Party“).

Remittance Information

The implementation guidelines for the SEPA data format limit the extent of the ISO allocation rules for the remittance information.

Subject	SEPA
repetition of the unstructured remittance information	only once
repetition of the structured remittance information	only once

³⁷ Characters not contained in the above mentioned character set prevent processing within the banks and the verifications administered therein (e.g. regarding the Prevention of Money Laundering Act).

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combination of unstructured and structured remittance information	either structured or unstructured
length of the structured remittance information	max. length of 140 characters (the characters needed for the element designation and whitespaces must be subtracted from the maximum value). The tags <Strd> and </Strd> are not taken into account. The only subtree permitted is 'Creditor Reference Information'.

A structured remittance information should only be used in case of credit transfers according to an agreement with the creditor.

Referencing

For referencing messages, message blocks, and payment orders, the following data elements are available:

- **Message Identification**

Identifies the entire message (file). It is located in the Group Header. On the bank's side this reference is displayed in the customer log, with the distributed electronic signature (VEU) and possibly in the account statement. Moreover, it can be found in the file routing slip.

- **Payment Information Identification**

Identifies a Payment Information Block (collector). When this reference is stated, it is displayed on the bank's side in the EBICS customer log, with the distributed electronic signature (VEU) and possibly in the account statement. Moreover, it can be found in the file routing slip.

- **End-to-End Identification**

This ID identifies a single transaction. It passes through the entire process chain and is also used in the return process. The use of an unambiguous allocation has the following advantages for the customer:

- Unambiguous, characteristic communication feature when dealing with payee (creditor, in case of credit transfer) / payer (debtor, in case of direct debit).
- Reference in case a customer wishes to put in a complaint at his bank.
- Allocation criterion for returns

Therefore customers should unambiguously identify the payment by the End to End Identification.

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Occurrences of XML elements

Due to technical reasons³⁸, the number of allowed occurrences of some XML elements has not been limited in the schema definition. However, the following usage rules apply:

Schemas	Element name	Maximum number of occurrences
pain.001.001.03	CdtTrfTxInf	9.999.999
pain.008.001.02	DrctDbtTxInf	9.999.999
pain.002.001.03	TxInfAndSts	9.999.999
pain.001.001.03, pain.008.001.02	PmtInf	9.999.999

Since even with these limits, the resulting documents may become larger than what is considered as reasonable today, we recommend that sending and receiving parties of a SEPA document agree on the allowed maximum size.

Setting individual prefixes

The setting of individual prefixes of the included namespace is not permitted. In the XML container, referencing has to be executed without a prefix on the level of the included document. Banks are entitled to reject files with prefixes that are individually set.

XML Notation

The following symbols are used for the graphical presentation of XML Schemas:

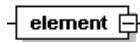


Diagram 1 Element

- Elements are displayed in rectangles.

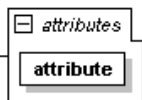


Diagram 2 Attribute

- Attributes are also displayed in rectangles and have an "attributes" box.

³⁸ A number of validating XML parsers are not able to handle a very high, but limited number of reoccurrences of XML elements. These parsers try to allocate memory for every possible occurrence, which leads to an out of memory error.



Diagram 3 Choice

- A branching corresponds to 'choice' in the XML Schemas. To the right of the symbol, the connecting lines point to the possible alternatives. One and only one of the alternatives can be used.



Diagram 4 Sequence

- A sequence corresponds to 'sequence' in the XML Schemas. To the right of the symbol, the connecting lines point to the individual sequence elements. All specified elements can be used in the order in which they are displayed.
- Symbols with solid border stand for obligatory use and correspond with the attribute `minOccurs="1"` for elements and/or `use="required"` for attributes in XML Schemas.
- Symbols with a dashed border stand for optional use and correspond with the attribute `minOccurs="0"` for elements and/or `use="optional"` for attributes in XML Schemas.
- The designation "m..n" on the lower right-hand corner of an element symbol limits the use of the element to between an m- and n-fold occurrence and corresponds with `minOccurs="m"` `maxOccurs="n"` in XML Schemas; with "m..∞" corresponding with `minOccurs="m"` `maxOccurs="unbounded"`.
- Symbols with a dashed border and a yellow background are used to identify elements, attributes and other declarations which belong to a complex type.

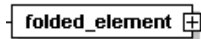


Diagram 5 Folded Elements

- Elements containing further elements, but which are not displayed in the current context, are hidden behind a "+" on the right border.

The following graphical presentation is an example for the use of different symbols.

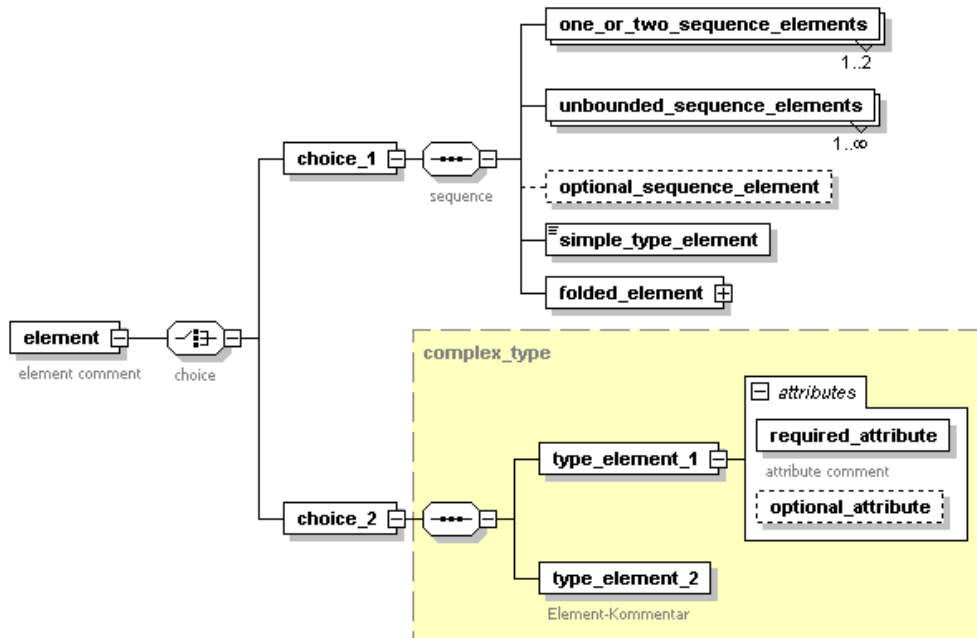


Diagram 6: XML Notation

In addition to the graphical presentation, each section lists the contained elements in a table form. This table is used to list the contained elements, the structure of the XML tree is not specified here. If we advise against using an element, this element is marked with a grey background.

Navigating XML references

Provided that you read this document online, references to XML elements are clickable links. So if a table describing an XML element contains a reference to another XML element, you may browse to the corresponding chapter by clicking on the link.

2.2 DK/EPC Specification for the SEPA Payment Transactions

This section describes the SEPA data formats for credit transfers, return messages and debits.

2.2.1 Credit Transfer Initiation – pain.001.001.03

The message is used to transport the Customer to Bank Credit Transfer Information sent by the Originator to the Originator Bank.

Order Type

The CCT order type is used to transmit the SEPA message Credit Transfer Initiation.

The following sections describe individual XML elements of the message, starting with the top level element.

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Appendix 3: Specification of Data Formats

Overview

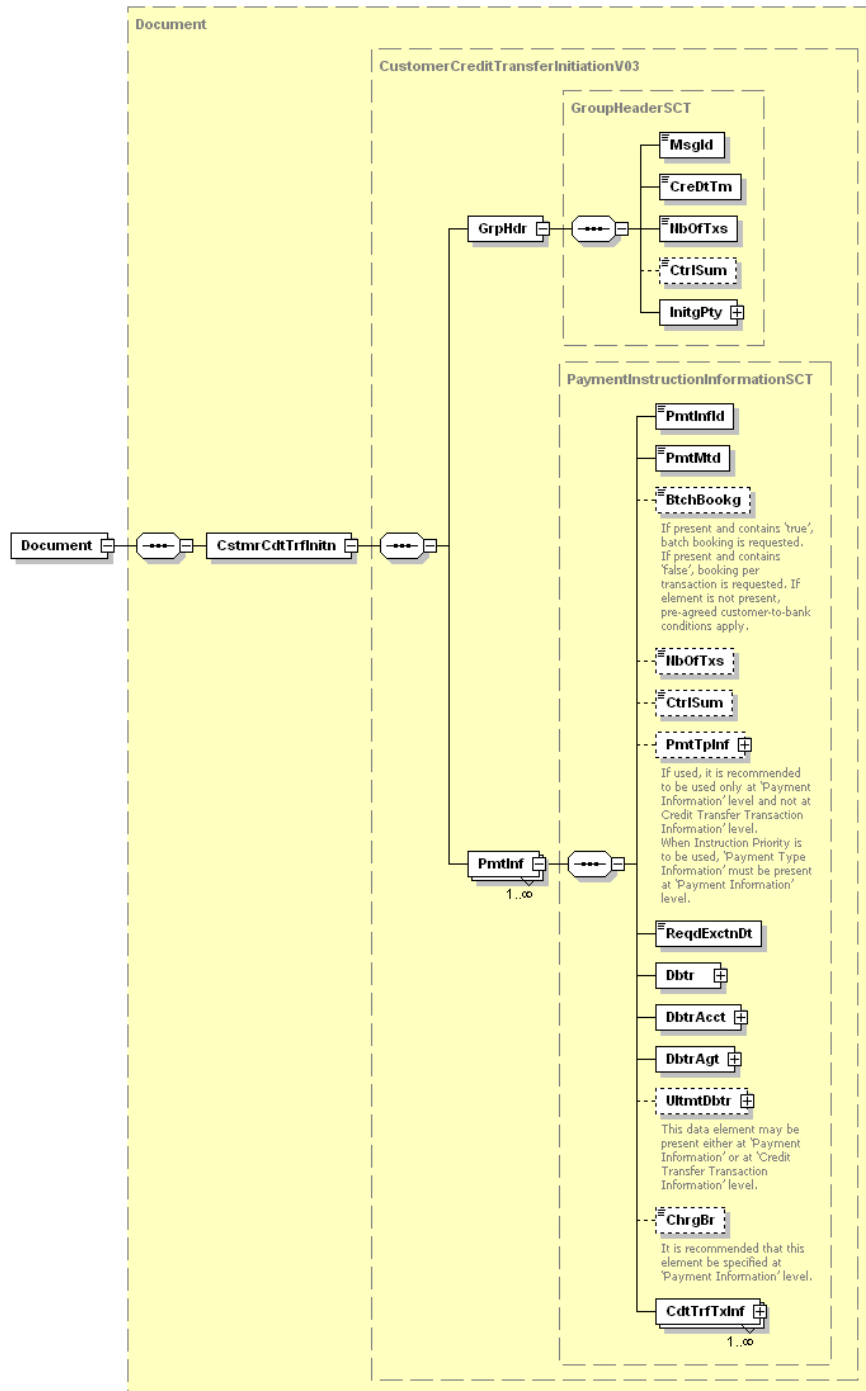


Diagram 7: Overview pain.001.001.03

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Appendix 3: Specification of Data Formats

2.2.1.1 Document

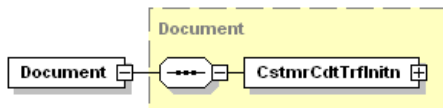


Diagram 8: pain.001.001.03, Document

Definition

UNIFI (ISO 20022) XML message: SEPA Credit Transfer Schema. This is the top level element of a pain.001.001.03 message.

XML Tag

<Document>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK- Rules
Customer Credit Transfer Initiation	<CstmrCdtTrfInittn>	[1..1]	Refer to 2.2.1.2		

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03 "
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn: iso:std:iso:20022:tech:pain.001.001.03
  pain.001.001.03.xsd">
  <CstmrCdtTrfInittn>
    <GrpHdr>
      <MsgId>Message-ID-4711</MsgId>
      <CreDtTm>2010-11-11T09:30:47.000Z</CreDtTm>
      <NbOfTxs>2</NbOfTxs>
      <Grpq>MIXD</Grpq>
      <InitgPty>
        <Nm>Initiator Name</Nm>
      </InitgPty>
    </GrpHdr>
    <PmtInf>
      <PmtInfId>Payment-Information-ID-4711</PmtInfId>
      <PmtMtd>TRF</PmtMtd>
      <BtchBookg>true</BtchBookg>
      <NbOfTxs>2</NbOfTxs>
      <CtrlSum>6655.86</CtrlSum>
      <PmtTpInf>
        <SvcLvl>
          <Cd>SEPA</Cd>
        </SvcLvl>
      </PmtTpInf>
      <ReqdExctnDt>2010-11-25</ReqdExctnDt>
      <Dbtr>
```

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Appendix 3: Specification of Data Formats

```
<Nm>Debtor Name</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE87200500001234567890</IBAN>
  </Id>
</DbtrAcct>
<DbtrAgt>
  <FinInstnId>
    <BIC>BANKDEFFXXX</BIC>
  </FinInstnId>
</DbtrAgt>
<ChrgBr>SLEV</ChrgBr>
<CdtTrfTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1234</EndToEndId>
  </PmtId>
  <Amt>
    <InstdAmt Ccy="EUR">6543.14</InstdAmt>
  </Amt>
  <CdtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <Cdtr>
    <Nm>Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE21500500009876543210</IBAN>
    </Id>
  </CdtrAcct>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</CdtTrfTxInf>
<CdtTrfTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1235</EndToEndId>
  </PmtId>
  <Amt>
    <InstdAmt Ccy="EUR">112.72</InstdAmt>
  </Amt>
  <CdtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <Cdtr>
    <Nm>Other Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE21500500001234567897</IBAN>
    </Id>
  </CdtrAcct>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</CdtTrfTxInf>
</PmtInf>
</CstmrCdtTrfInitn>
</Document>
```

2.2.1.2 Customer Credit Transfer Initiation

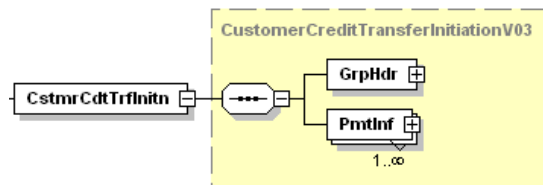


Diagram 9: pain.001.001.03

Definition

Customer Credit Transfer Initiation

XML Tag

<CstmrCdtTrfInitn>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
GroupHeader	<GrpHdr>	[1..1]	Refer to 2.2.1.3		-
PaymentInstructionInformation	<PmtInf>	[1..unbounded]	Refer to 2.2.1.6		-

2.2.1.3 Group Header

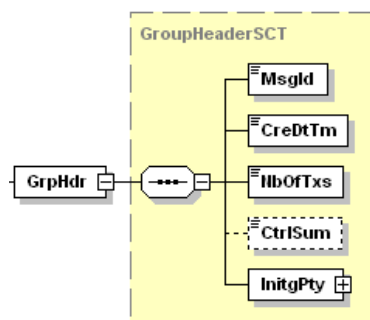


Diagram 10: pain.001.001.03, Group Header

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Appendix 3: Specification of Data Formats

Definition

Set of characteristics shared by all individual transactions included in the message.

XML Tag

<GrpHdr>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
MessageIdentification	<MsgId>	[1..1]	Point to point reference assigned by the instructing party and sent to the next party in the chain to unambiguously identify the message. The instructing party has to make sure that 'MessageIdentification' is unique per instructed party for a pre-agreed period.	Restricted-IdentificationSEPA1	If a file is submitted twice by mistake, a double processing can be avoided by verifying the tag <MsgID> in combination with the customer ID or the ordering party's IBAN. Therefore, the tag <MsgID> must contain a new value for every new pain message.
CreationDateTime	<CreDtTm>	[1..1]	Date and time at which a (group of) payment instruction(s) was created by the instructing party.	ISODatetime	-
Number-OfTransactions	<NbOfTx>	[1..1]	Number of individual transactions contained in the message.	Max15NumericText	-
ControlSum	<CtrlSum>	[0..1]	Total of all individual amounts included in the message, irrespective of currencies.	Decimal-Number	2 is the maximum number of decimal digits allowed.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
InitiatingParty	<InitgPty>	[1..1]	Refer to 2.2.1.4		Allocation may differ from Debt- or. Recommendation: only the subfield Name should be used

Example

```
<GrpHdr>
  <MsgId>Message-ID-4711</MsgId>
  <CreDtTm>2010-11-11T09:30:47.000Z</CreDtTm>
  <NbOfTxs>2</NbOfTxs>
  <CtrlSum>6655.86</CtrlSum>
  <InitgPty>
    <Nm>Initiator Name</Nm>
  </InitgPty>
</GrpHdr>
```


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Appendix 3: Specification of Data Formats

2.2.1.4 Initiating Party

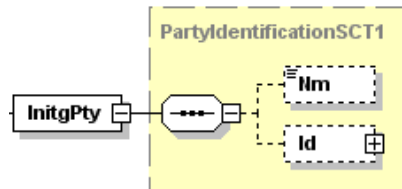


Diagram 11: pain.001.001.03, Initiating Party

Definition

Party initiating the payment. In the payment context, this can either be the debtor or the party that initiates the payment on behalf of the debtor.

XML Tag

<InitgPty>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Name	<Nm>	[0..1]	Name	Max70Text	name is restricted to 70 characters.
Identification	<Id>	[0..1]	Refer to 2.2.1.5		We recommend leaving this element group without allocation.

Example

```
<InitgPty>
  <Nm>Initiator Name</Nm>
</InitgPty>
```

2.2.1.5 Identification

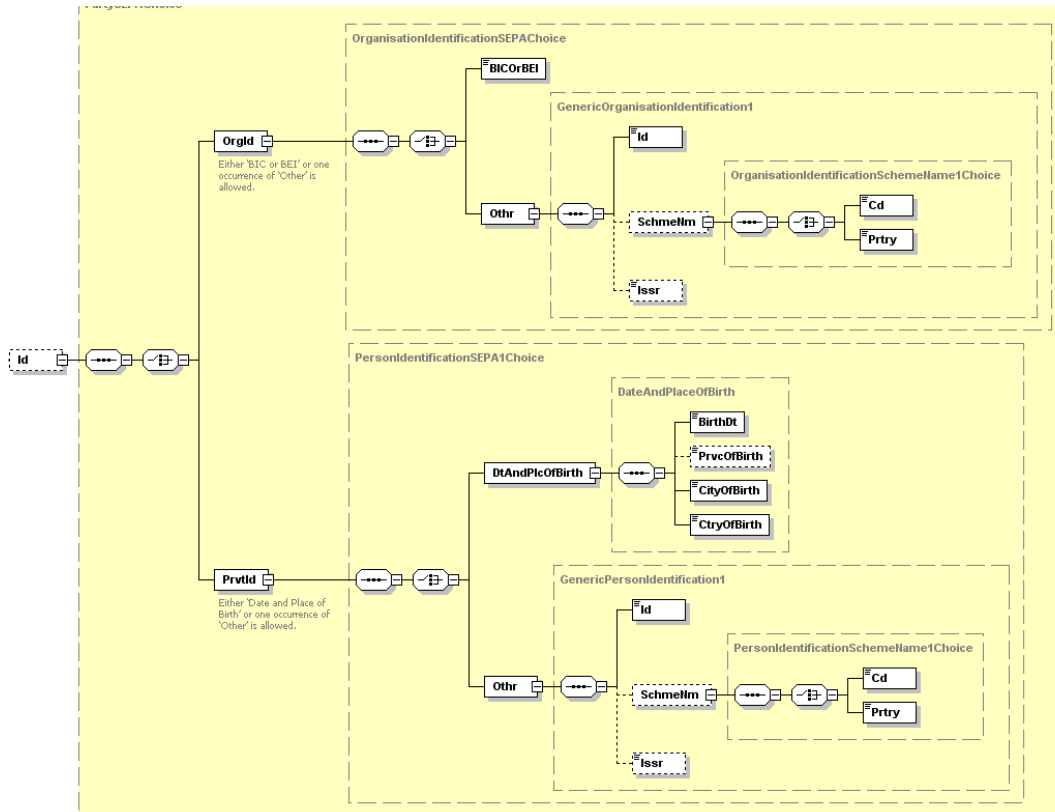


Diagram 12: pain.001.001.03, Identification

Definition

Unambiguous name or number assigned by an entity to enable recognition of that entity, e.g. account identifier. As to its elements, these element group is identical to SCT and SCC except for two instances where different names have been chosen for complex data types (see table below).

XML Tag

<Id>

Occurrences

[0..1]

Rules

It is recommended not to use this data element group.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
OrganisationIdentification	<OrgId>	[1..1]	Unique and unambiguous way of identifying an organisation.	OrganisationIdentification-SEPAChoice	Either „BICOrBEI“ or „Other“ must be allocated
BICOrBEI	<BICOrBEI>	[1..1]	Business Identifier Code (ISO 9362) or Business Entity Identifier (BEI)	AnyBICIdentifier	Must be allocated using valid BIC. This can be either 8 or 11 characters long.
Other	<Othr>	[1..1]	Unique identification of an organisation, as assigned by an institution, using an identification scheme	GenericOrganisationIdentification1	
Identification	<Id>	[1..1]	Identification Name or Number for recognition of a identification party (e.g. account number)	Max35Text	
SchemeName	<SchmeNm>	[0..1]	Name of the identification scheme	OrganisationIdentification-SchemeName1Choice	
Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list	External-OrganisationIdentification1Code	Only the codes of the external ISO 20022 code list are permitted. Refer to chapter 2.3.2
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	
PrivateIdentification	<PrvtId>	[1..1]	Unique and unambiguous identification of a person	Person-IdentificationSEPA1	
DateAndPlaceOfBirth	<DtAndPlcOfBirth>	[1..1]	Date and place of birth of a person	Date-AndPlace-OfBirth	
BirthDate	<BirthDt>	[1..1]	Date of birth	ISODate	To be allocated in the format YYYY-MM-DD (ISO 8601)
ProvinceOfBirth	<PrvcOfBirth>	[0..1]	Province where a person was born	Max35Text	

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
CityOfBirth	<CityOfBirth>	[1..1]	City where a person was born	Max35Text	
CountryOfBirth	<CountryOfBirth>	[1..1]	Country where a person was born	CountryCode	Code ISO 3166
OtherIdentification	<Other>	[1..1]	Proprietary identification of a person	GenericPersonIdentification1	
Identification	<Id>	[1..1]	Unique and unambiguous identification of a person	Max35Text	
SchemeName	<SchemeNm>	[0..1]	Name of the identification scheme	PersonIdentificationSchemeName1Choice	
Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list	External-OrganisationIdentification1Code	Only the codes of the external ISO 20022 code list are permitted. Refer to chapter 2.3.2
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
Issuer	<Issr>	[0..1]	Entity that assigns the identification	Max35Text	

2.2.1.6 Payment Information

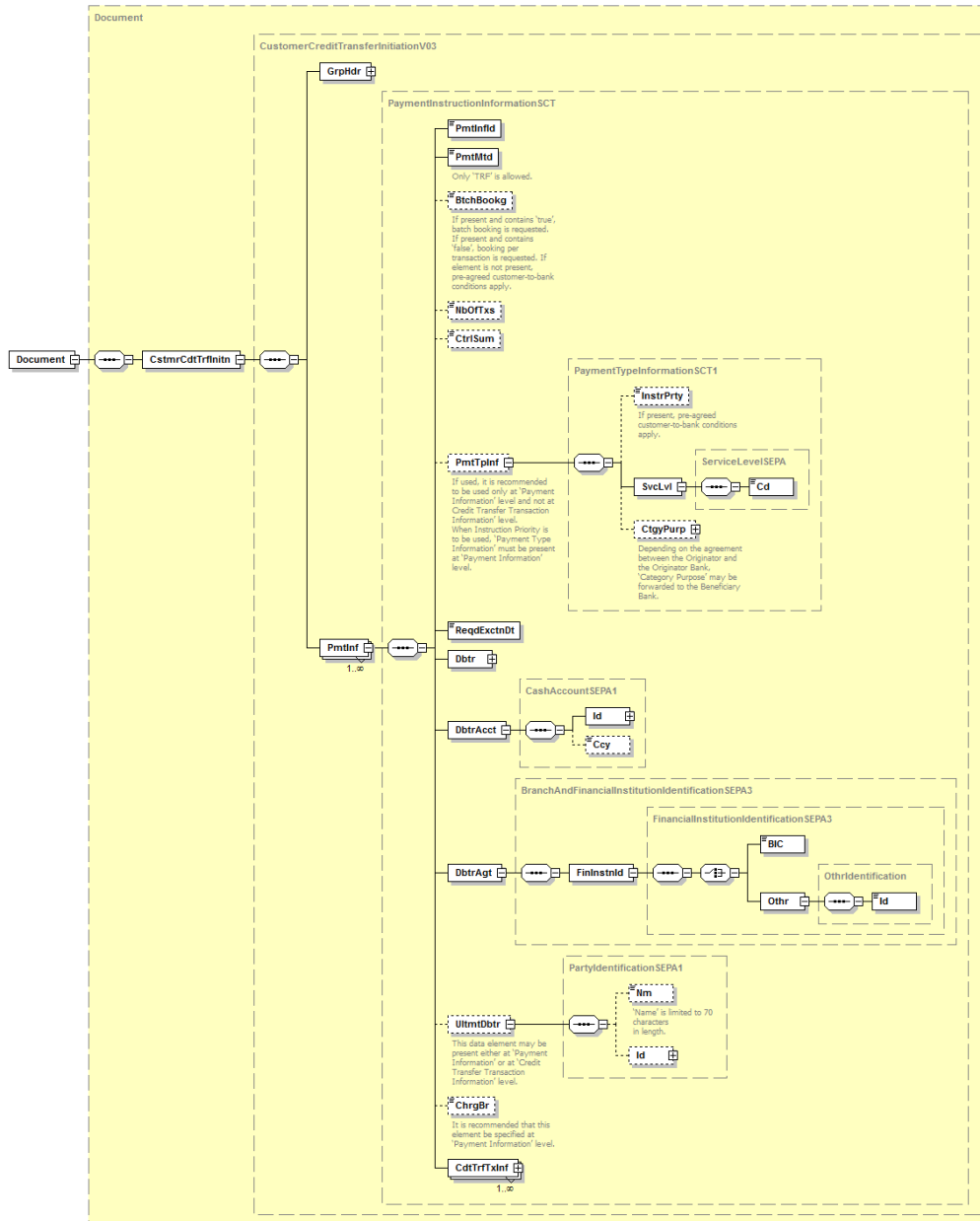


Diagram 13: pain.001.001.03, Payment Information

Definition

Set of characteristics that applies to the debit side of the payment transactions included in the credit transfer initiation.

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Appendix 3: Specification of Data Formats

XML Tag

<PmtInf>

Occurrences

[1..unbounded]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
PaymentInformationIdentification	<PmtInfId>	[1..1]	Reference assigned by a sending party to unambiguously identify the payment information block within the message.	RestrictedIdentificationSE-PA1	It is strongly recommended to use this reference as an identification.
PaymentMethod	<PmtMtd>	[1..1]	Specifies the means of payment that will be used to move the amount of money.	PaymentMethodSCTCode	Only TRF ist allowed.
BatchBooking	<Btch-Bookg>	[0..1]	Identifies whether a single entry (<i>false</i>) per individual transaction or a batch entry (<i>true</i>) for the sum of the amounts of all transactions within the group of a message is requested.	BatchBookingIndicator	Only if a corresponding agreement with the customer for single entries is on hand and in case of an allocation with <i>false</i> , every transaction will be displayed as a single item on the bank statement of the debtor (ordering party). Otherwise, a batched booking is always displayed (default/pre-agreed: <i>true</i>)
Number-OfTransactions	<NbOfTxs>	[0..1]	Number of individual transactions contained in the payment information group.	Max15NumericText	It is recommended to allocate this field
ControlSum	<CtrlSum>	[0..1]	Total of all individual amounts included in in the payment information group, irrespective of currencies.	Decimal-Number	It is recommended to allocate this field 2 is the maximum number of decimal digits allowed.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
PaymentTypeInformation	<PmtTpInf>	[0..1]	Set of elements that further specifies the type of transaction.	PaymentTypeInformationSCT1	It is recommended to allocate this element on this level rather than on the level of the transaction details. Furthermore a concomitance of this element group in both levels is not allowed.
InstructionPriority	<InstrPrty>	[0..1]	Indicator of the urgency or order of importance to apply to the processing of the instruction.	Priority2Code	If <InstrPrty> is to be applied, it is only permitted at the payment information level and not on the level of the transaction details. Permitted codes: HIGH and NORM. If not otherwise agreed upon with the financial institution, NORM is always assumed on this level (i.e. HIGH is ignored).
ServiceLevel	<SvcLvl>	[1..1]	Agreement or rules according to which the transaction is to be processed.	ServiceLevelSEPA	-
Code	<Cd>	[1..1]	Identification of a pre-agreed level of service between the parties in a coded form.	ExternalServiceLevel1Code	For SEPA payments, the solely permitted value from the external ISO 20022 code list is SEPA
CategoryPurpose	<CtgyPurp>	[0..1]	Specifies the purpose of the instruction based on a set of pre-defined categories	CategoryPurposeSEPA	

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Code	<Cd>	[1..1]	Specifies a pre-agreed service or level of service between the parties, as published in an external service level code list.	External-Cate-goryPur- pose1Code	Only the codes of the external ISO 20022 code list are permitted. Refer to chapter 2.3.2 Note: These codes are not represented in the account statement.
RequestedExecutionDate	<Re-qdExctnDt>	[1..1]	Date at which the initiating party requests the clearing agent to process the payment.	ISODate	Date of execution requested by the customer. In case a date is no TARGET business day the bank is authorised to indicate the subsequent TARGET business day as execution date. When the order reaches the bank after the declared cut-off time it is regarded as delivered at the subsequent business day. Banks are not obliged to execute order data which are delivered more than 15 calendar days BEFORE the requested execution date.
Debtor	<Dbtr>	[1..1]	Refer to 2.2.1.7		-
DebtorAccount	<DbtrAcct>	[1..1]	Account of the payer (debtor) to which a debit entry will be made as a result of the transaction.	CashAc- countSE- PA1	-
Identification	<Id>	[1..1]	Identification of the account between the account owner and the account servicer.	AccountI- dentifica- tionSEPA	-

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
IBAN	<IBAN>	[1..1]	International Bank Account Number (IBAN) – identifier.	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number). This can have a maximum of 34 characters.
Currency	<Ccy>	[0..1]	Currency of the account	ActiveOrHistoricCurrencyCode	-
DebtorAgent	<DbtrAgt>	[1..1]	Financial institution servicing an account for the debtor.	BranchAndFinancialInstitutionIdentification SEPA1	-
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution, as assigned under an internationally recognised or proprietary identification scheme.	FinancialInstitutionIdentification SEPA1	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362)	BICIdentifier	If the field is used it has to be allocated with a valid BIC . This can be either 8 or 11 characters long.
OtherIdentification	<Othr>	[1..1]	Other Identification of Financial Institution	OthrIdentification	
Identification	<Id>	[1..1]	Identification	OthrIdentification-Code	If the BIC field is not used, the constant NOTPROVIDED has to be specified
UltimateDebtor	<UltmtDbtr>	[0..1]	Debtor reference party. For information only.	PartyIdentification SEPA1	If a value is allocated to this element group, then the corresponding element group on the level of the transaction details must not be used.
Name	<Nm>	[0..1]	Name of the debtor reference party.	Max70Text	Name is restricted to 70 characters

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Identification	<Id>	[0..1]	Refer to 2.2.1.5		It is recommended not to allocate any value to this element group.
ChargeBearer	<ChrgBr>	[0..1]	Specifies which party/parties will bear the charges associated with the processing of the payment transaction.	ChargeBearerType-SEPACode	It is recommended to use this element on this level rather than on the level of the transaction details. If used then only SLEV is allowed. Furthermore a concomitance of this element group in both levels is not allowed.
CreditTransfer-TransactionInformation	<Cdt-TrfTxInf>	[1..unbounded]	Refer to 2.2.1.8		Refer to annotation in 2.1

Example

```

<PmtInf>
  <PmtInfId>Payment-Information-ID-4711</PmtInfId>
  <PmtMtd>TRF</PmtMtd>
  <BtchBookg>true</BtchBookg>
  <NbOfTxs>2</NbOfTxs>
  <CtrlSum>6655.86</CtrlSum>
  <PmtTpInf>
    <SvcLvl>
      <Cd>SEPA</Cd>
    </SvcLvl>
  </PmtTpInf>
  <ReqdExctnDt>2010-11-25</ReqdExctnDt>
  <Dbtr>
    <Nm>Debtor Name</Nm>
  </Dbtr>
  <DbtrAcct>
    <Id>
      <IBAN>DE87200500001234567890</IBAN>
    </Id>
  </DbtrAcct>
  <DbtrAgt>
    <FinInstnId>
      <BIC>BANKDEFFXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
  <ChrgBr>SLEV</ChrgBr>
  <CdtTrfTxInf>
    <PmtId>
      <EndToEndId>OriginatorID1234</EndToEndId>
    </PmtId>
    <Amt>
      <InstdAmt Ccy="EUR">6543.14</InstdAmt>
    </Amt>
    <CdtrAgt>
      <FinInstnId>
        <BIC>SPUEDE2UXXX</BIC>
      </FinInstnId>
    </CdtrAgt>
  </CdtTrfTxInf>
</PmtInf>

```

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Appendix 3: Specification of Data Formats

```
</CdtrAgt>
<Cdtr>
  <Nm>Creditor Name</Nm>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</CdtrAcct>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
</CdtTrfTxInf>
<CdtTrfTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1235</EndToEndId>
  </PmtId>
  <Amt>
    <InstdAmt Ccy="EUR">112.72</InstdAmt>
  </Amt>
  <CdtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <Cdtr>
    <Nm>Other Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE21500500001234567897</IBAN>
    </Id>
  </CdtrAcct>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</CdtTrfTxInf>
</PmtInf>
```

2.2.1.7 Debtor

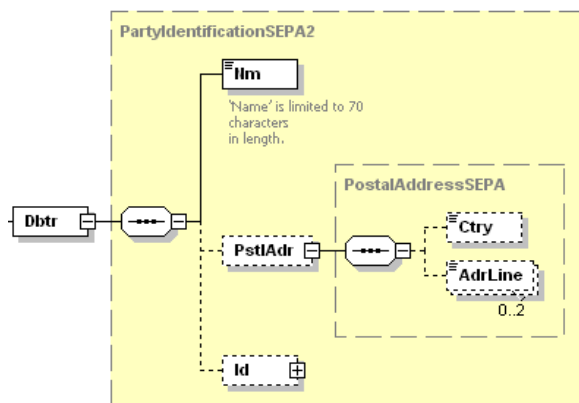


Diagram 14: pain.001.001.03, Debtor

Definition

Payer / Debtor: Party that owes an amount of money to the (ultimate) creditor.

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Appendix 3: Specification of Data Formats

XML Tag

<Dbtr>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Name	<Nm>	[1..1]	Name	Max70Text	The name of debtor (the ordering party) or the account holder has to be allocated to this field.
PostalAddress	<PstAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	PostalAddress-SEPA	It is recommended to leave this element group without allocation.
Country	<Ctry>	[1..1]	Nation with its own government.	CountryCode	Country code (acc. to ISO 3166) consisting of 2 capital characters, e.g. DE for Deutschland (Germany).
AddressLine	<AdrLine>	[0..2]	Address information is presented in free format text.	Max70Text	-
Identification	<Id>	[0..1]	Refer to 2.2.1.5		In case of allocation it is the Id of the debtor/payer. It is recommended leaving this field without allocation.

Example

```
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
```

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Appendix 3: Specification of Data Formats

2.2.1.8 Credit Transfer Transaction Information

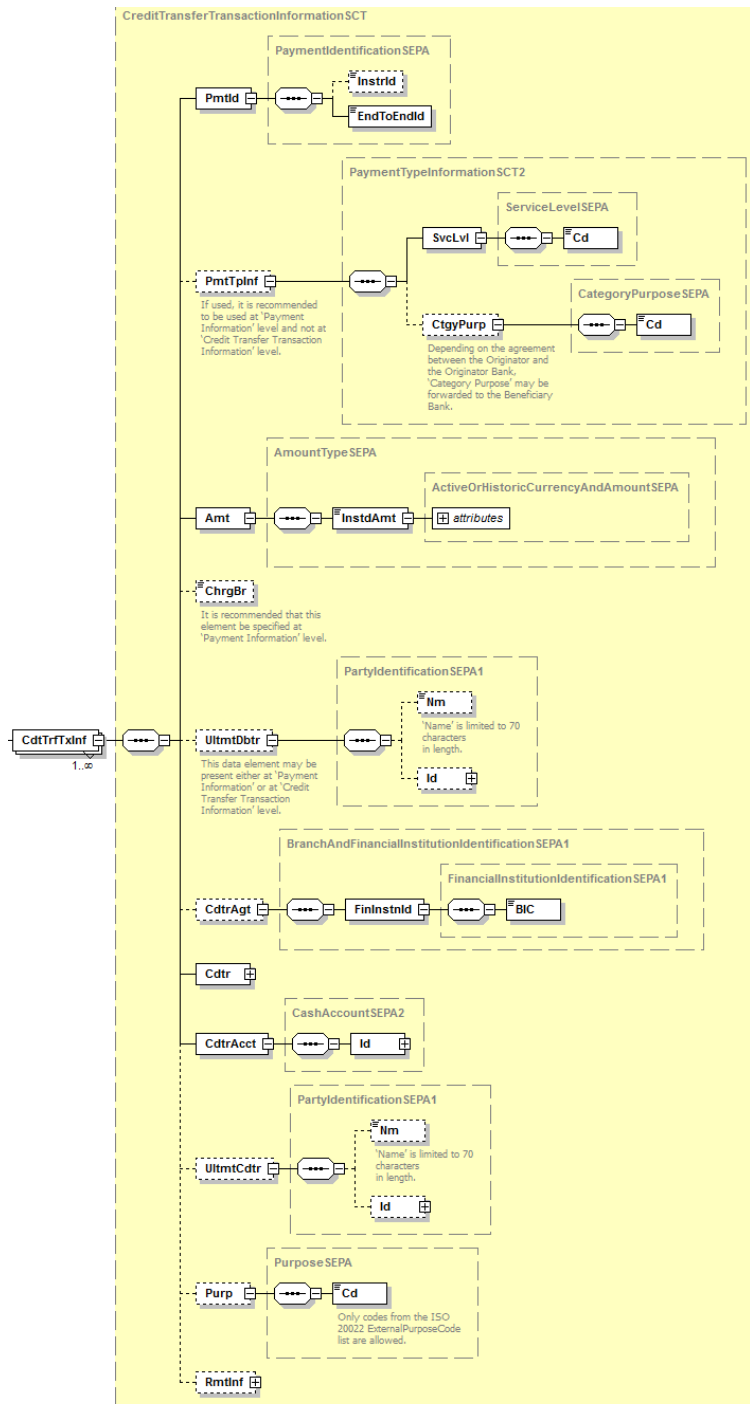


Diagram 15: pain.001.001.03, Credit Transfer Transaction Information

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Appendix 3: Specification of Data Formats

Definition

Set of elements providing information specific to the individual transaction(s) included in the message.

XML Tag

<CdtTrfTxInf>

Occurrences

[1..unbounded] (note the limits specified in chapter 2.1)

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
PaymentIdentification	<PmtId>	[1..1]	Set of elements to reference a payment instruction.	PaymentIdentificationSEPA	-
InstructionIdentification	<InstrId>	[0..1]	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction.	RestrictedIdentificationSEPA1	This field should only be used by a technical service company that allocates to the field its own reference.
EndToEndIdentification	<EndToEndId>	[1..1]	Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain.	RestrictedIdentificationSEPA1	We recommend allocating each credit transfer with an unambiguous reference. If no reference was given, only NOTPROVIDED is allowed.
PaymentTypeInformation	<PmtTpInf>	[0..1]	Set of elements that further specifies the type of transaction.	PaymentTypeInformationSCT2	It is recommended, not to allocate a value to this field on this level but to allocate it on the level of <PaymentInstructionInformation>. Furthermore a concomitance of this element group in both levels is not allowed.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
ServiceLevel	<SvcLvl>	[1..1]	Agreement under which or rules under which the transaction should be processed.	ServiceLevelSEPA	-
Code	<Cd>	[1..1]	Identification of a pre-agreed level of service between the parties in a coded form.	ExternalServiceLevel1Code	For SEPA payments, the solely permitted value from the external ISO 20022 code list is SEPA.
CategoryPurpose	<CtgyPurp>	[0..1]	Specifies the high level purpose of the instruction based on a set of pre-defined categories.	CategoryPurposeSEPA	
Code	<Cd>	[1..1]	Specifies a pre-agreed service or level of service between the parties, as published in an external service level code list.	ExternalCategoryPurpose1Code	Only the codes of the external ISO 20022 code list are permitted. Refer to chapter 2.3.2 Note: These codes are not represented in the account statement.
Amount	<Amt>	[1..1]	Amount.	AmountTypeSEPA	-
InstructedAmount	<InstAmt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	Active-OrHistoric-CurrencyAndAmountSEPA	Is to be allocated with an amount. The decimal separator is a period

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
ChargeBearer	<ChrgBr>	[0..1]	Specifies which party/parties will bear the charges associated with the processing of the payment transaction.	ChargeBearerType-SEPACode	It is recommended, not to allocate a value to the field on this level but to allocate it on the level of <PaymentInstructionInformation>. Furthermore a concomitance of this element group in both levels is not allowed. If allocated it contains the constant SLEV
UltimateDebtor	<UltmtDbtr>	[0..1]	Debtor reference party. For information only.	PartyIdentification-SEPA1	If a value is allocated to this field, then it is not allowed to use the element on the level of <PaymentInstructionInformation>.
Name	<Nm>	[0..1]	Name	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[0..1]	Refer to 2.2.1.5		it is recommended not to allocate any value to this element group
CreditorAgent	<CdtrAgt>	[0..1]	Financial institution servicing an account for the creditor.	Branch-AndFinancialInstitutionIdentification-SEPA1	-
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	FinancialInstitutionIdentification-SEPA1	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362)	BICIdentifier	This information continues to be necessary for payments outside the EU/EEA. The BIC can be either 8 or 11 characters long.
Creditor	<Cdtr>	[1..1]	Refer to 2.2.1.9		-

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
CreditorAccount	<CdtrAcct>	[1..1]	Unambiguous identification of the account of the creditor.	Cash-Account-SEPA2	-
Identification	<Id>	[1..1]	Unique and unambiguous identification of the account.	AccountIdentificationSEPA	-
IBAN	<IBAN>	[1..1]	International Bank Account Number.	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number). This can have a maximum of 34 characters.
UltimateCreditor	<UltmtCdtr>	[0..1]	Creditor reference party. For information only.	PartyIdentificationSEPA1	-
Name	<Nm>	[0..1]	Name	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[0..1]	Refer to 2.2.1.5		it is recommended not to allocate any value to this element group
Purpose	<Purp>	[0..1]	Type of payment.	Purpose-SEPA	
Code	<Cd>	[1..1]	In a coded form.	External-Purpose1-Code	Only codes of the ISO 20022 ExternalPurposeCode list are permitted. Refer to chapter 2.3.2. ³⁹ In an account statement in MT940/942 format not all codes are represented. (Assignments of purpose codes to specific transaction codes (GVC) of MT940 refer to the subsequent table)

³⁹ If information on capital building fringe fortune (or a capital building fringe fortune for retirement) is allocated in the unstructured remittance information, the purpose code CBFF (capital building fringe fortune) or CBFR (capital building fringe fortune for retirement) respectively must be used to avoid a continuous scanning of the remittance information.

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
RemittanceInformation	<RmtInf>	[0..1]	Refer to 2.2.1.10		Either Structured or Unstructured (but not both), may be present. It is recommended to use Structured only in agreement with the payee.

Assignment of purpose codes to business transaction codes in MT940

Purpose Code	maps to GVC
RINP	152
BONU, PENS, SALA, PAYR	153
BENE, GOVT, SSBE	156
CHAR	119 or 169 respectively
CBFF	154
CBFR	155
IVPT	167 (mapping only for payments whose structured remittance information contains left-aligned "RF")

Refer also to the corresponding footnotes of the GVC in chapter 8.2.6.

Example

```
<CdtTrfTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1234</EndToEndId>
  </PmtId>
  <Amt>
    <InstdAmt Ccy="EUR">6543.14</InstdAmt>
  </Amt>
  <CdtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <Cdtr>
    <Nm>Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE25370502991000122343</IBAN>
    </Id>
  </CdtrAcct>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</CdtTrfTxInf>
```

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Appendix 3: Specification of Data Formats

2.2.1.9 Creditor

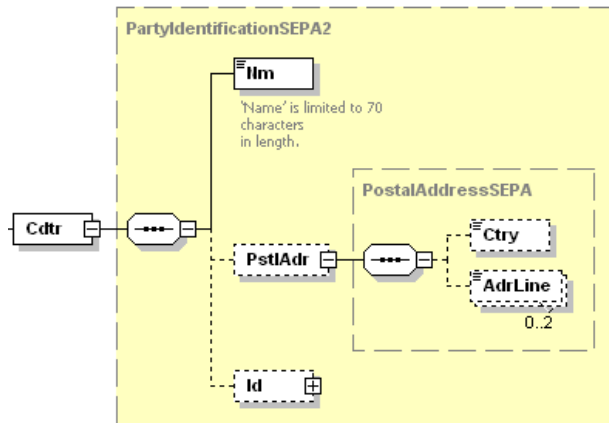


Diagram 16: pain.001.001.03, Creditor

Definition

Party to which an amount of money is due (payee / creditor).

XML Tag

<Cdtr>

Occurrences

[1..1]

Rules

Mandatory field for data on the creditor.

Name	XML Tag	Occurrences	Definition	Type	EPC- /DK Rules
Name	<Nm>	[1..1]	Name	Max70Text	Name of the creditor. name is restricted to 70 characters
PostalAddress	<PstlAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	Postal-Address-SEPA	We recommend leaving this field without allocation.
AddressLine	<AdrLine>	[0..2]	Address information is presented in free format text.	Max70Text	-

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Name	XML Tag	Occurrences	Definition	Type	EPC- /DK Rules
Country	<Ctry>	[1..1]	Nation with its own government.	CountryCode	Country code (acc. to ISO 3166) consisting of 2 capital characters, e.g. DE for Deutschland (Germany)
Identification	<Id>	[0..1]	Refer to 2.2.1.5		We recommend leaving this element group without allocation. If allocated, it is the identification of the creditor.

Example

```

<Cdtr>
  <Nm>Creditor Name</Nm>
</Cdtr>

```

2.2.1.10 Remittance Information

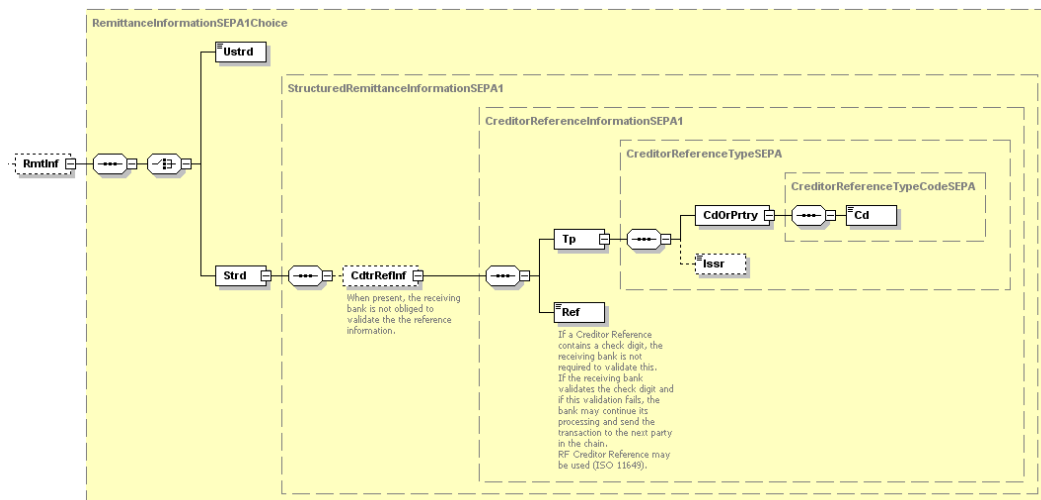


Diagram 17: pain.001.001.03, Remittance Information

Definition

Information that enables the matching, i.e. reconciliation, of a payment with the items that the payment is intended to settle, e.g. commercial invoices, in an account receivable system.

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Appendix 3: Specification of Data Formats

XML Tag

<RmtInf>

Occurrences

[0..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Unstructured	<Ustrd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in an unstructured form.	Max140-Text	<p>The use of the unstructured remittance information is recommended. It may carry structured remittance information, as agreed between the Creditor and the Debtor.</p> <p>In case of capital building fringe fortune (in German: VL) or capital building fringe fortune for retirement (in German: AVWL), this field has to be utilised as follows: „XXJ/contract number“. Please note: The VL/AVWL recipient's name can be assigned to the data element „Ultimate Creditor“ if necessary⁴⁰</p>

⁴⁰ In order to avoid a continuous scanning of the remittance information in case of capital building fringe fortune payments (or payments for capital building fringe fortune for retirement), purpose code CBFF (Capital building fringe fortune) or CBFR (Capital building fringe fortune for retirement) respectively must be allocated in <Purp>. The letters „XX“ can be replaced either by „00“ or by the percentage of the saving bonus; the letter „J“ is to be replaced by the last digit of the year the VL applies to.

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Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Structured	<Strd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in a structured form.	StructuredRemittanceInformationSEPA1	<p>We recommend not to use this option.</p> <p>We strongly recommend coming to an agreement with the creditor before allocating this field.</p> <p>The allocation of the creditor's structured reference to field Creditor Reference <Ref> according to ISO 11649⁴¹ is an exception.</p> <p>The content of this field (including contained tags and whitespace, but excluding the tags <Strd> and </Strd> themselves), must not exceed 140 characters.</p>
CreditorReferenceInformation	<CdtrRef-Inf>	[0..1]	<p>Reference information provided by the creditor to allow the identification of the underlying documents.</p> <p>This data element group can contain "Structured Creditor Reference to Remittance Information" according to ISO 11649. In this case the field <Ref> has the following format: RF<checksum><21 characters maximum></p>	CreditorReferenceInformationSEPA1	The debtor's bank is not obliged to validate the contents of this element group.

⁴¹ If a reference according to ISO 11649 (checksum-protected reference (RF)) is allocated in the structured remittance information it is recommended to use the purpose code IVPT (Invoice Payment).

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Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
CreditorReferenceType	<Tp>	[1..1]	Type of the reference	CreditorReference-TypeSEPA	-
CodeOrProprietary	<CdOrPrtry>	[1..1]	Specification of document type	CreditorReference-TypeCode-SEPA	
Code	<Cd>	[1..1]	Code to specify the document type	DocumentType3-CodeSEPA	Only the code SCOR is allowed.
Issuer	<Issr>	[0..1]	Issuer of the reference.	Max35Text	
CreditorReference	<Ref>	[1..1]	Unique and unambiguous reference assigned by the creditor to refer to the payment transaction.	Max35Text	<p>If the reference contains a check digit, the receiving bank is not obliged to check it and, in case of a failed check, the bank is entitled to continue further processing.</p> <p>When using the "Creditor Reference" according to ISO 11649, it is recommended to verify the checksum.</p>

Example

```
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
```

2.2.2 Direct Debit Initiation – pain.008.001.02

The message is used to transport the Customer to Bank Direct Debit Transfer Information sent by the Originator to the Originator Bank.

Order Type

The order type CDD (SEPA core direct debit) and CDB (SEPA B2B direct debit) respectively are used to transmit the SEPA message Direct Debit Initiation.

Creditor Identifier (CI)

The Creditor is identified by an Creditor Identifier (CI). The identifier is permanent (and unique for each creditor) and enables the Debtor and the Debtor Bank to come back to the Creditor for refunds and complaints, and to check the existence of a valid Mandate at the presentation of Collections by the Creditor.

The CI is constructed according to the following format rules:

- Positions 1 and 2 contain the ISO country code
- Positions 3 and 4 contain the check digits
- Positions 5 to 7 contain the Creditor Business Code. Positions 5 to 7 of the creditor identification number are allocated by default with "ZZZ" at allocation. These positions represent the business division identifier which can be used by the applicant for signifying particular business divisions or affiliates. These three positions can be allocated with any alphanumeric character. Not permitted are blank characters, special characters and special German Characters (umlauts and sharp s). If the business division identifier is not used, „ZZZ“ will remain allocated to the creditor ID..
- Positions 8 up to 35 contain the country-specific identifier

The calculation of the check digit is done according to the following steps:

- Disregard positions 5 to 7
- Take the country-specific part, positions 8 to 35, and delete all non-alphanumeric characters
- Add the ISO country code and '00' to the right-hand end
- Convert letters to digits by substituting 'A' or an 'a' with 10, 'B' or 'b' with 11 and so forth
- Apply the check character system MOD 97-10 (see ISO 7064)

CIs for German creditors are assigned by the Deutsche Bundesbank. Further information (e. g. on the length of the CI for German creditors) are available on the website of the Deutsche Bundesbank,

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Appendix 3: Specification of Data Formats

http://www.bundesbank.de/Navigation/DE/Kerngeschaeftsfelder/Unbarer_Zahlungsverkehr/S-EPA/Glaebiger_Identifikationsnummer/glaebiger_identifikationsnummer.html.

Mandate ID

1. According to the EPC Implementation Guidelines the details given in the Mandate ID are to be handled independently of upper or lower case letters, i.e.
<MndtId>123AAa45678</MndtId> and
<MndtId>123aaA45678</MndtId> stand for the same mandate.
2. The blank character is permitted for mandate IDs. This corresponds to the pattern defined by the EPC for this identifier.
Though blanks are valid characters, the DK recommends clients to define mandate IDs without blanks to prevent possible misunderstandings.
Because:
<MndtId>123aaa45678</MndtId> and
<MndtId>123aaa 45678</MndtId> stand for different mandates.

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Appendix 3: Specification of Data Formats

Overview

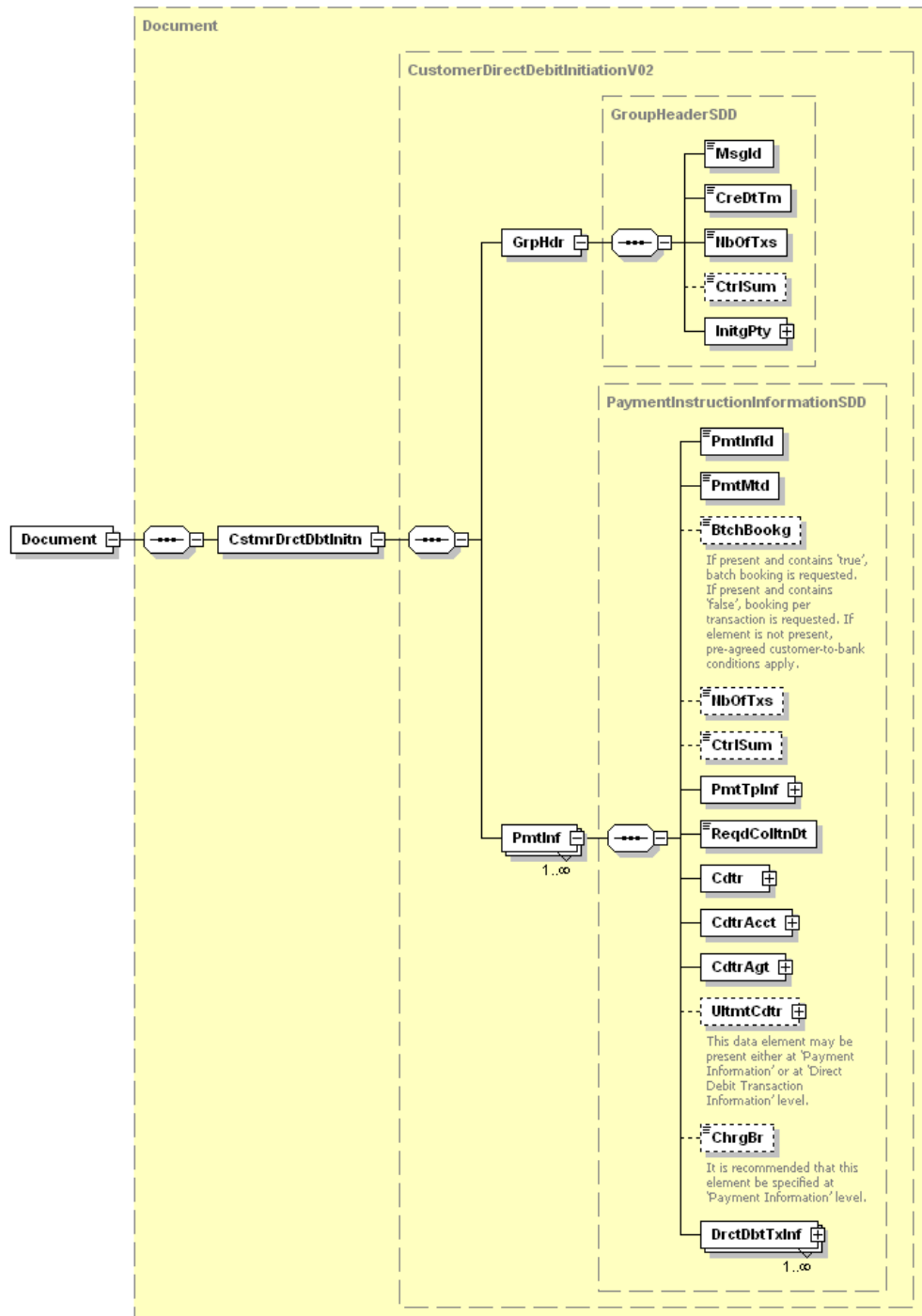


Diagram 18: Overview pain.008.001.02

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Appendix 3: Specification of Data Formats

2.2.2.1 Document

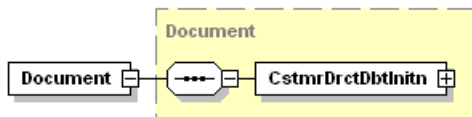


Diagram 19: pain.008.001.02, Document

Definition

UNIFI (ISO 20022) XML message: SEPA Direct Debit Transfer Schema. This is the top level element of the message pain.008.001.02.

XML Tag

<Document>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
DirectDebitInitiation	<CstmrDrctDbtInitn>	[1..1]	Refer to 2.2.2.2		-

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.008.001.02"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:pain.008.001.02
pain.008.001.02.xsd">
  <CstmrDrctDbtInitn>
    <GrpHdr>
      <MsgId>Message-ID</MsgId>
      <CreDtTm>2010-11-21T09:30:47.000Z</CreDtTm>
      <NbOfTxs>2</NbOfTxs>
      <InitgPty>
        <Nm>Initiator Name</Nm>
      </InitgPty>
    </GrpHdr>
    <PmtInf>
      <PmtInfId>Payment-ID</PmtInfId>
      <PmtMtd>DD</PmtMtd>
      <NbOfTxs>2</NbOfTxs>
      <CtrlSum>6655.86</CtrlSum>
      <PmtTpInf>
        <SvcLvl>
          <Cd>SEPA</Cd>
        </SvcLvl>
        <LclInstrm>
          <Cd>CORE</Cd>
        </LclInstrm>
        <SeqTp>RCUR</SeqTp>
      </PmtTpInf>
      <ReqdColltnDt>2010-12-03</ReqdColltnDt>
```

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Appendix 3: Specification of Data Formats

```
<Cdtr>
  <Nm>Creditor Name</Nm>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>DE87200500001234567890</IBAN>
  </Id>
</CdtrAcct>
<CdtrAgt>
  <FinInstnId>
    <BIC>BANKDEFFXXX</BIC>
  </FinInstnId>
</CdtrAgt>
<ChrgBr>SLEV</ChrgBr>
<CdtrSchmeId>
  <Id>
    <PrvtId>
      <Othr>
        <Id>DE00ZZZ00099999999</Id>
        <SchmeNm>
          <Prtry>SEPA</Prtry>
        </SchmeNm>
      </Othr>
    </PrvtId>
  </Id>
</CdtrSchmeId>
<DrctDbtTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1234</EndToEndId>
  </PmtId>
  <InstdAmt Ccy="EUR">6543.14</InstdAmt>
  <DrctDbtTx>
    <MndtRltdInf>
      <MndtId>Mandate-Id</MndtId>
      <DtOfSgntr>2010-11-20</DtOfSgntr>
      <AmdmntInd>true</AmdmntInd>
      <AmdmntInfDtls>
        <OrgnlCdtrSchmeId>
          <Nm>Original Creditor Name</Nm>
          <Id>
            <PrvtId>
              <Othr>
                <Id>AA00ZZZOriginalCreditorID</Id>
                <SchmeNm>
                  <Prtry>SEPA</Prtry>
                </SchmeNm>
              </Othr>
            </PrvtId>
          </Id>
        </OrgnlCdtrSchmeId>
      </AmdmntInfDtls>
    </MndtRltdInf>
  </DrctDbtTx>
</DbtrAgt>
  <FinInstnId>
    <BIC>SPUEDE2UXXX</BIC>
  </FinInstnId>
</DbtrAgt>
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</DbtrAcct>
<UltmtDbtr>
  <Nm>Ultimate Debtor Name</Nm>
</UltmtDbtr>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
</DrctDbtTxInf>
<DrctDbtTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1235</EndToEndId>
```

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```
</PmtId>
<InstdAmt Ccy="EUR">112.72</InstdAmt>
<DrctDbtTx>
  <MndtRltdInf>
    <MndtId>Other-Mandate-Id</MndtId>
    <DtOfSgntr>2010-11-20</DtOfSgntr>
    <AmdmntInd>false</AmdmntInd>
  </MndtRltdInf>
  </DrctDbtTx>
  <DbtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
  <Dbtr>
    <Nm>Other Debtor Name</Nm>
  </Dbtr>
  <DbtrAcct>
    <Id>
      <IBAN>DE21500500001234567897</IBAN>
    </Id>
  </DbtrAcct>
  <UltmtDbtr>
    <Nm>Ultimate Debtor Name</Nm>
  </UltmtDbtr>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</DrctDbtTxInf>
</PmtInf>
</CstmrDrctDbtInitn>
</Document>
```

2.2.2.2 Customer Direct Debit Initiation

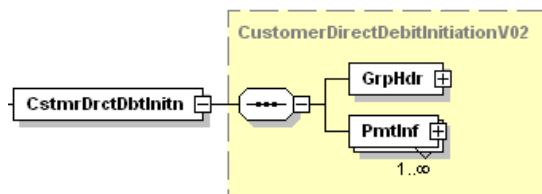


Diagram 20: pain.008.001.02

Definition

Customer Direct Debit Transfer Initiation

XML Tag

<CstmrDrctDbtInitn>

Occurrences

[1..1]

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Appendix 3: Specification of Data Formats

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
GroupHeader	<GrpHdr>	[1..1]	Refer to 2.2.2.3		-
PaymentInformation	<PmtInf>	[1..unbounded]	Refer to 2.2.2.5		-

2.2.2.3 Group Header

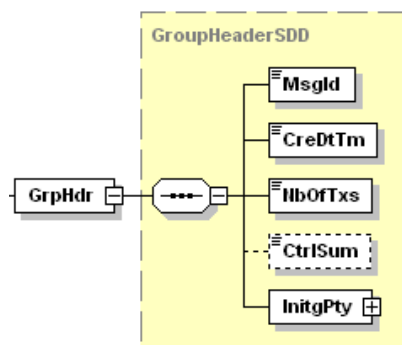


Diagram 21: pain.008.001.02, Group Header

Definition

Set of characteristics shared by all individual transactions included in the message.

XML Tag

<GrpHdr>

Occurrences

[1..1]

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Appendix 3: Specification of Data Formats

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- /DK-Rules
MessageIdentification	<MsgId>	[1..1]	Point to point reference assigned by the instructing party and sent to the next party in the chain to unambiguously identify the message.	RestrictedIdentificationSE-PA1	If a file is submitted twice by mistake, a double processing can be avoided by verifying the tag <MsgID> in combination with the customer ID or the ordering party's IBAN. Therefore, the tag <MsgID> must contain a new value for every new pain message.
CreationDateTime	<CreDtTm>	[1..1]	Date and time at which a (group of) payment instruction(s) was created by the instructing party.	ISODatetime	-
Number-OfTransactions	<NbOfTxs>	[1..1]	Number of individual transactions contained in the message.	Max15NumericText	-
ControlSum	<CtrlSum>	[0..1]	Total of all individual amounts included in the message, irrespective of currencies.	Decimal-Number	2 is the maximum number of decimal digits allowed
InitiatingParty	<InitgPty>	[1..1]	Refer to 2.2.2.4		Allocation may differ from Creditor. Recommendation: Only the subfield Name should be used.

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Appendix 3: Specification of Data Formats

Example

```
<GrpHdr>
  <MsgId>Message-ID</MsgId>
  <CreDtTm>2010-11-21T09:30:47.000Z</CreDtTm>
  <NbOfTxs>2</NbOfTxs>
  <CtrlSum>6655.86</CtrlSum>
  <InitgPty>
    <Nm>Initiator Name</Nm>
  </InitgPty>
</GrpHdr>
```

2.2.2.4 Initiating Party

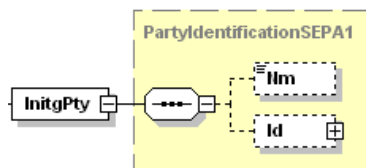


Diagram 22: pain.008.001.02, Initiating Party

Definition

Party initiating the payment. In the payment context, this can either be the creditor or the party that initiates the payment on behalf of the creditor.

XML Tag

<InitgPty>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Name	<Nm>	[0..1]	Name	Max70Text	Name is restricted to 70 characters.
Identification	<Id>	[0..1]	Refer to 2.2.1.5		It is recommended to leave this data element group without allocation.

Example

```
<InitgPty>
  <Nm>Initiator Name</Nm>
</InitgPty>
```


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Appendix 3: Specification of Data Formats

2.2.2.5 Payment Information

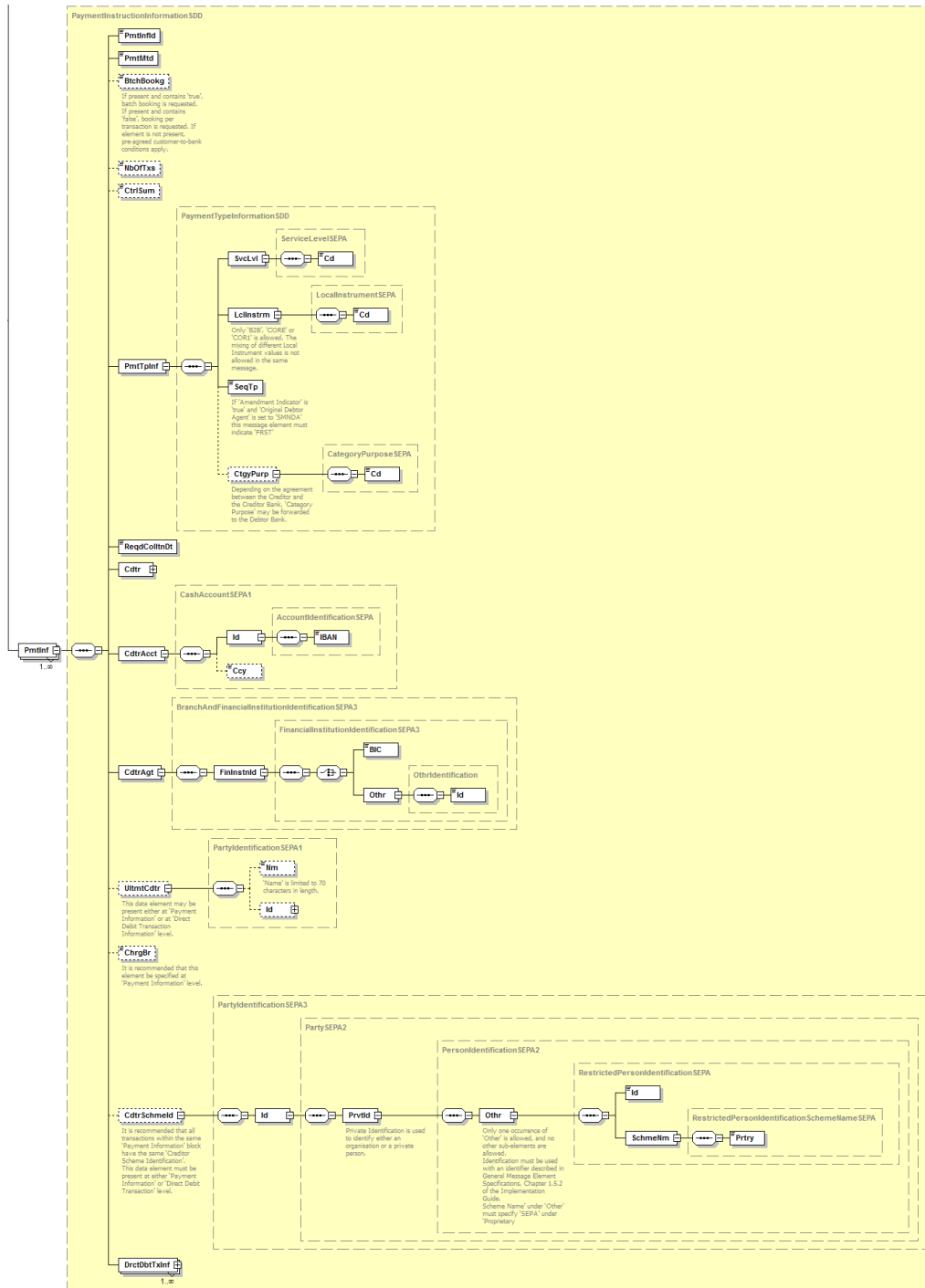


Diagram 23: pain.008.001.02, Payment Information

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Appendix 3: Specification of Data Formats

Definition

Set of characteristics that apply to the credit side of the payment transactions included in the direct debit transaction initiation.

XML Tag

<PmtInf>

Occurrences

[1..unbounded]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
PaymentInformationIdentification	<PmtInfId>	[1..1]	Reference assigned by a sending party to unambiguously identify the payment information block within the message.	RestrictedIdentificationSE-PA1	-
PaymentMethod	<PmtMtd>	[1..1]	Specifies the means of payment that will be used to move the amount of money.	PaymentMethod2Code	Only DD is allowed.
BatchBooking	<Btch-Bookg>	[0..1]	Identifies whether a single entry (<i>false</i>) per individual transaction or a batch entry for the sum of the amounts of all transactions within the group of a message (<i>true</i>) is requested.	BatchBookingIndicator	Only if a corresponding agreement with the customer for single entries is on hand and in case of an allocation with <i>false</i> , every transaction will be displayed as a single item on the bank statement of the creditor. Otherwise, a batched booking is always displayed (default/ pre-agreed: <i>true</i>).
Number-OfTransactions	<NbOfTxs>	[0..1]	Number of individual transactions contained in the Payment Information Block	Max15NumericText	It is recommended not to allocate any value to this field

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
ControlSum	<CtrlSum>	[0..1]	Total of all individual amounts included in the Payment Information Block	Decimal-Number	It is recommended to allocate any value to this field 2 is the maximum number of decimal digits allowed.
PaymentTypeInformation	<PmtTpInf>	[1..1]	Set of elements that further specifies the type of transaction.	PaymentTypeInformationSDD	-
ServiceLevel	<SvcLvl>	[1..1]	Agreement under which or rules under which the transaction should be processed.	Service-LevelSEPA	-
Code	<Cd>	[1..1]	Identification of a pre-agreed level of service between the parties in a coded form.	ExternalServiceLevel1Code	For SEPA payments, the solely permitted value from the external ISO 20022 code list is SEPA .
LocalInstrument	<LclInstrm>	[1..1]	Type of a direct debit	Local-InstrumentSEPA	It is not permissible to mix B2B and core SEPA direct debits in one pain.008 message.
Code	<Cd>	[1..1]	In a coded form	ExternalLocalInstrument1Code	Only CORE (SEPA direct debit core) and B2B (SEPA direct debit B2B) is permissible.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
SequenceType	<SeqTp>	[1..1]	Identifies the direct debit sequence, e.g. first, recurrent, final or one-off.	Sequence-Type1Code	<p>Only <code>FRST</code>, <code>RCUR</code>, <code>FNAL</code>, <code>OOFF</code> is permissible.</p> <p>The first of a recurrent series of collections can also be identified by <code>RCUR</code>.</p> <p>Note: According to the EPC IG each of the four above mentioned codes is usable without any restrictions in the case of mandate modifications (<code>SMNDA</code>). However, the Code <code>OOFF</code> is not practice relevant for in a first collection no mandate modifications is possible.</p>
Category Purpose	<Ctgy-Purp>	[0..1]	Type of a payment	Category-Purpose-SEPA	
Code	<Cd>	[1..1]	Category purpose, as published in an external category purpose code list.	ExternalCategoryPurpose1Code	<p>Only the codes of the external ISO 20022 code list are permitted. Refer to chapter 2.3.2</p> <p>Note: These codes are not represented in the account statement.</p>

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
RequestedCollectionDate	<ReqdCol-ltnDt>	[1..1]	Date at which the creditor requests the amount of money to be collected from the debtor.	ISODate	Due date requested by the customer. In case a date is no TARGET business day the bank is authorised to indicate the subsequent TARGET business day as due date, When the order reaches the bank after the declared cut-off time it is regarded as delivered at the subsequent business day. Banks are not obliged to execute order data which are delivered more than 15 calendar days BEFORE the requested collection date.
Creditor	<Cdtr>	[1..1]	Refer to 2.2.2.6		-
CreditorAccount	<CdtrAcct>	[1..1]	Unambiguous identification of the account of the creditor.	CashAccountSEPA1	-
Identification	<Id>	[1..1]	Unique and unambiguous identification of the account.	AccountIdentificationSEPA	-
IBAN	<IBAN>	[1..1]	International Bank Account Number (ISO 13616).	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number) This can have a maximum of 34 characters.
Currency	<Ccy>	[0..1]	Currency of the account	Active-OrHistoric-CurrencyCode	-

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
CreditorAgent	<CdtrAgt>	[1..1]	Financial institution servicing an account for the creditor.	BranchAndFinancialInstitutionIdentificationSEPA3	-
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	FinancialInstitutionIdentificationSEPA3	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362).	BICIdentifier	If the field is used it has to be allocated with a valid BIC. This can be either 8 or 11 characters long.
OtherIdentification	<Othr>	[1..1]	Other Identification of financial institution	OthrIdentification	
Identification	<Id>	[1..1]	Identification	OthrIdentification-Code	If the BIC field is not used, the constant NOTPROVIDED has to be specified
UltimateCreditor	<UltmtCdtr>	[0..1]	Creditor reference party. For information only.	Party-IdentificationSEPA1	This element is either to be allocated on the level of <PaymentInstructionInformation> or on the level of the transaction details.
Name	<Nm>	[0..1]	Name	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[0..1]	Refer to 2.2.1.5		It is recommended not to allocate any value to this element group

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
ChargeBearer	<ChrgBr>	[0..1]	Specifies which party/parties will bear the charges associated with the processing of the payment transaction.	ChargeBearerType-SEPACode	It is recommended, to use this field instead of the field on the level of transaction details. Furthermore a concomitance of this element group in both levels is not allowed. If used, only SLEV is allowed.
CreditorScheme-Identification	<CdtrSchmId>	[0..1]	Credit party that signs the mandate.	Party-IdentificationSEPA3	This field has to be allocated either on the level „Payment Instruction Information“ or on the level „Direct Debit Transaction“ The Creditor-Identifier (CI) must be allocated to this field. It is recommended that the CI in a payment instruction information is always the same.
Identification	<Id>	[1..1]	Unique and unambiguous identification of a party.	Party-SEPA2	
PrivateIdentification	<PrvtId>	[1..1]	Unique and unambiguous identification of a person	Person-IdentificationSEPA2	
OtherIdentification	<Othr>	[1..1]	Identifier issued to a person for which no specific identifier has been defined.	RestrictedPerson-IdentificationSEPA	
Identification	<Id>	[1..1]	Unique and unambiguous identification of the creditor	RestrictedPerson-IdentifierSEPA	
SchemeName	<SchemeNm>	[1..1]	Name of the identification scheme.	RestrictedPerson-IdentificationSchemeName-SEPA	

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	IdentificationSchemeName-SEPA	SEPA must be allocated to this field.
DirectDebitTransactionInformation	<DrctDbtTxInf>	[1..unbounded]	Refer to 2.2.2.7		Please refer to the annotation in chapter 2.1.

Example

```

<PmtInf>
  <PmtInfId>Payment-ID</PmtInfId>
  <PmtMtd>DD</PmtMtd>
  <NbOfTx>2</NbOfTx>
  <CtrlSum>6655.86</CtrlSum>
  <PmtTpInf>
    <SvcLvl>
      <Cd>SEPA</Cd>
    </SvcLvl>
    <LclInstrm>
      <Cd>CORE</Cd>
    </LclInstrm>
    <SeqTp>RCUR</SeqTp>
  </PmtTpInf>
  <ReqdColltnDt>2010-12-03</ReqdColltnDt>
  <Cdtr>
    <Nm>Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE87200500001234567890</IBAN>
    </Id>
  </CdtrAcct>
  <CdtrAgt>
    <FinInstnId>
      <BIC>BANKDEFFXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <ChrgBr>SLEV</ChrgBr>
  <CdtrSchmeId>
    <Id>
      <PrvtId>
        <Othr>
          <Id>DE00ZZZ00099999999</Id>
          <SchmeNm>
            <Prtry>SEPA</Prtry>
          </SchmeNm>
        </Othr>
      </PrvtId>
    </Id>
  </CdtrSchmeId>
  <DrctDbtTxInf>
    <PmtId>
      <EndToEndId>OriginatorID1234</EndToEndId>
    </PmtId>
    <InstAmt Ccy="EUR">6543.14</InstAmt>
    <DrctDbtTx>
      <MndtRltdInf>
        <MndtId>Mandate-Id</MndtId>
        <DtOfSgntr>2010-11-20</DtOfSgntr>
        <AmdmntInd>true</AmdmntInd>
        <AmdmntInfDtls>
          <OrgnlCdtrSchmeId>
            <Nm>Original Creditor Name</Nm>
            <Id>
              <PrvtId>
                <Othr>

```


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Appendix 3: Specification of Data Formats

```
<Id>AA00ZZZOriginalCreditorID</Id>
  <SchmeNm>
    <Prtry>SEPA</Prtry>
  </SchmeNm>
  </Othr>
  </PrvtId>
</Id>
</OrgnlCdtrSchmeId>
</AmdmntInfDtls>
</MndtRltdInf>
</DrctDbtTx>
<DbtrAgt>
  <FinInstnId>
    <BIC>SPUEDE2UXXX</BIC>
  </FinInstnId>
</DbtrAgt>
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</DbtrAcct>
<UltmtDbtr>
  <Nm>Ultimate Debtor Name</Nm>
</UltmtDbtr>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
</DrctDbtTxInf>
<DrctDbtTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1235</EndToEndId>
  </PmtId>
  <InstdAmt Ccy="EUR">112.72</InstdAmt>
  <DrctDbtTx>
    <MndtRltdInf>
      <MndtId>OtherMandateId</MndtId>
      <DtOfSgntr>2010-11-20</DtOfSgntr>
      <AmdmntInd>false</AmdmntInd>
    </MndtRltdInf>
  </DrctDbtTx>
  <DbtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
  <Dbtr>
    <Nm>Other Debtor Name</Nm>
  </Dbtr>
  <DbtrAcct>
    <Id>
      <IBAN>DE21500500001234567897</IBAN>
    </Id>
  </DbtrAcct>
  <UltmtDbtr>
    <Nm>Ultimate Debtor Name</Nm>
  </UltmtDbtr>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
</DrctDbtTxInf>
</PmtInf>
```

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Appendix 3: Specification of Data Formats

2.2.2.6 Creditor

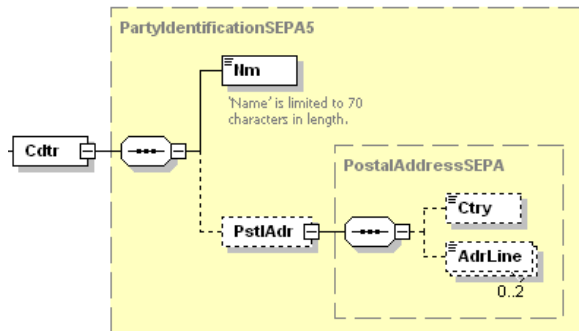


Diagram 24: pain.008.001.02, Creditor

Definition

Party to which an amount of money is due.

XML Tag

<Cdtr>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Name	<Nm>	[1..1]	Name	Max70Text	Name is restricted to 70 characters.
PostalAddress	<PstlAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	Postal-Address-SEPA	It is recommended to leave this field group without allocation.
Country	<Ctry>	[1..1]	Nation with its own government.	CountryCode	Country code (acc. to ISO 3166) consisting of 2 capital characters, e.g. DE for Deutschland (Germany)
AddressLine	<AdrLine>	[0..2]	Address information is presented in free format text.	Max70Text	-

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Appendix 3: Specification of Data Formats

Example

```
<Cdtr>  
  <Nm>Creditor Name</Nm>  
</Cdtr>
```

2.2.2.7 Direct Debit Transaction Information

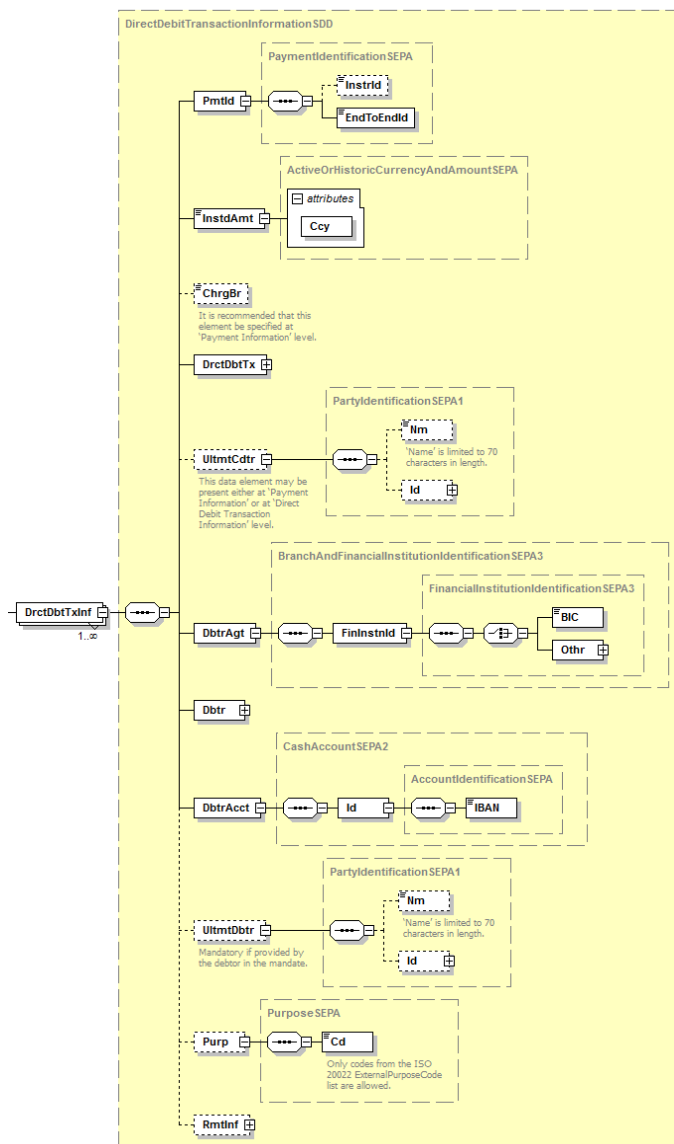


Diagram 25: pain.008.001.02, Direct Debit Transaction Information

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Appendix 3: Specification of Data Formats

Definition

Set of elements providing information specific to the individual transaction(s) included in the message.

XML Tag

<DrctDbtTxInf>

Occurrences

[1..unbounded]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
PaymentIdentification	<PmtId>	[1..1]	Set of elements to reference a payment instruction.	PaymentIdentificationSEPA	-
InstructionIdentification	<InstrId>	[0..1]	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction (point-to-point identification). Unambiguous reference of the submitter of a direct debit to his financial institution	RestrictedIdentificationSEPA1	This field should only be used by a technical service company that sets the field to its own reference.
EndToEndIdentification	<EndToEndId>	[1..1]	Unambiguous reference of the submitter of a direct debit Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain.	RestrictedIdentificationSEPA1	It is recommended to use the field for a direct debit reference. If not used as a reference, only NOTPROVIDED is allowed.
InstructedAmount	<InstdAmt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges.	Active-OrHistoric-CurrencyAndAmountSEPA	The fractional parts has a maximum of two digits.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
ChargeBearer	<ChrgBr>	[0..1]	Specifies which party/parties will bear the charges associated with the processing of the payment transaction.	ChargeBearerType-SEPACode	It is recommended, not to use this field but the field on the level of the Payment Instruction Information. Furthermore a concomitance of this element group in both levels is not allowed. If used, only SLEV is allowed.
DirectDebitTransaction	<DrctDbtTx>	[1..1]	Refer to 2.2.2.8		-
UltimateCreditor	<UltmtCdr>	[0..1]	Creditor reference party. For information only.	PartyIdentificationSEPA1	This element is either to be allocated on the level of <PaymentInstructionInformation> or on the level of the transaction details.
Name	<Nm>	[0..1]	Name	Max70Text	Name is restricted to 70 characters.
Identification	<Id>	[0..1]	Refer to 2.2.1.5		It is recommended not to allocate this element group.
DebtorAgent	<DbtrAgt>	[1..1]	Financial institution servicing an account for the debtor.	BranchAndFinancialInstitutionIdentificationSEPA3	BIC code of the debtor's bank.
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	FinancialInstitutionIdentificationSEPA3	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362).	BICIdentifier	This information continues to be necessary for payments outside the EU/EEA. The BIC can be either 8 or 11 characters long.
OtherIdentification	<Othr>	[1..1]	Other identification of financial institution	OthrIdentification	

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Identification	<Id>	[1..1]	Identifikation	OthrIdentification-Code	If the BIC field is not used, the constant NOTPROVIDED has to be specified
Debtor	<Dbtr>	[1..1]	Refer to 2.2.2.10		-
DebtorAccount	<DbtrAcct>	[1..1]	Identification of the debtor's account.	Cash-Account-SEPA2	IBAN of the debtor
Identification	<Id>	[1..1]	Unique and unambiguous identification of the account.	AccountIdentificationSEPA	-
IBAN	<IBAN>	[1..1]	International Bank Account number (IBAN)	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number). This can have a maximum of 34 characters.
UltimateDebtor	<UltmtDbtr>	[0..1]	Debtor reference party. For information only.	Party-IdentificationSEPA1	To be allocated with a debtor's name differing from the account holder if such a debtor has been specified in the direct debit mandate.
Name	<Nm>	[0..1]	Name of the debtor	Max70Text	Name is restricted to 70 characters.
Identification	<Id>	[0..1]	Refer to 2.2.1.5		It is recommended, not to allocate this element group.
Purpose	<Purp>	[0..1]	Underlying reason for the payment transaction.	Purpose-SEPA	-

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Code	<Cd>	[1..1]	In a coded form	External-Purpose1Code	Only the codes of ISO 20022 ExternalPurposeCode are allowed. Refer to chapter 2.3.2. In the customer statement messages MT940/942 only the code CGDD (Card Generated Direct Debit) is representable by mapping this code into a specific business transaction code (GVC 107). Refer to the respective footnote of this GVC in chapter 8.2.6
RemittanceInformation	<RmtInf>	[0..1]	Refer to 2.2.2.11		Information that is provided to the creditor by the debtor.

Example

```

<DrctDbtTxInf>
  <PmtId>
    <EndToEndId>OriginatorID1234</EndToEndId>
  </PmtId>
  <InstdAmt Ccy="EUR">6543.14</InstdAmt>
  <DrctDbtTx>
    <MndtRltdInf>
      <MndtId>Mandate-Id</MndtId>
      <DtOfSgnt>2010-11-20</DtOfSgnt>
      <AmdmntInd>true</AmdmntInd>
      <AmdmntInfDtls>
        <OrgnlCdtrSchmeId>
          <Nm>Original Creditor Name</Nm>
          <Id>
            <PrvtId>
              <Othr>
                <Id>AA00ZZZOriginal Creditor ID</Id>
                <SchmeNm>
                  <Prtry>SEPA</Prtry>
                </SchmeNm>
              </Othr>
            </PrvtId>
          </Id>
        </OrgnlCdtrSchmeId>
      </AmdmntInfDtls>
    </MndtRltdInf>
  </DrctDbtTx>
  <DbtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </DbtrAgt>

```

Appendix 3: Specification of Data Formats

```
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</DbtrAcct>
<UltmtDbtr>
  <Nm>Ultimate Debtor Name</Nm>
</UltmtDbtr>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
</DrctDbtTxInf>
```

2.2.2.8 Direct Debit Transaction

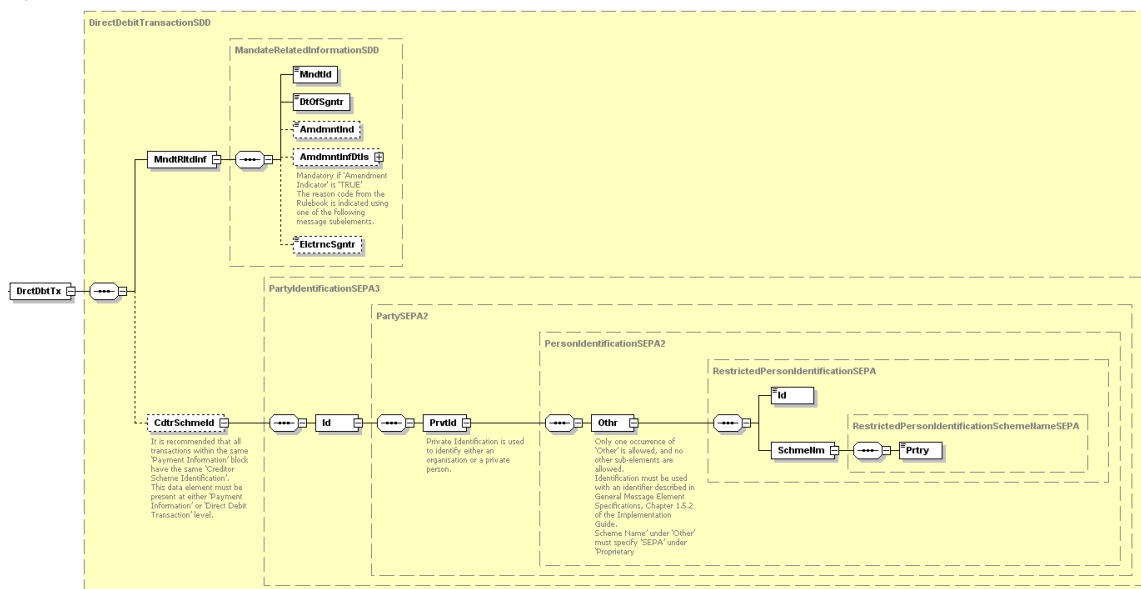


Diagram 26: pain.008.001.02, Direct Debit Transaction

Definition

Set of elements providing information specific to the direct debit mandate.

XML Tag

<DrctDbtTx>

Occurrences

[1..1]

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Appendix 3: Specification of Data Formats

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
MandateRelated-Information	<MndtRltd-Inf>	[1..1]	Set of elements used to provide further details related to a direct debit mandate.	MandateRelated-InformationSDD	-
MandateIdentification	<MndtId>	[1..1]	Reference of the direct debit mandate that has been signed between by the debtor and the creditor.	Restricted-IdentificationSEPA1	-
DateOfSignature	<DtOfSgntr>	[1..1]	Date on which the direct debit mandate has been signed by the debtor.	ISODate	-
AmendmentIndicator	<AmdmntInd>	[0..1]	Indicator notifying whether the underlying mandate is amended or not.	TrueFalseIndicator; Range: True, False	Default: False
AmendmentInformationDetails	<AmdmntInfDtls>	[0..1]	Refer to 2.2.2.9		Mandatory if AmendmentIndicator = True.
ElectronicSignature	<ElctrncSgntr>	[0..1]	Additional security provisions, e.g. digital mandate (e-mandate).	Max1025Text	Usage is not permissible in case of paper-based mandates.
CreditorScheme-Identification	<CdtrSchmId>	[0..1]	Credit party that signs the direct debit mandate.	Party-IdentificationSEPA3	Is to be allocated either to „Payment Instruction Information“ or to „Direct Debit Transaction“ The Creditor-Identifier (CI) must be allocated to this field. It is recommended that the CI in a payment instruction is always the same.
Identification	<Id>	[1..1]	Unique and unambiguous way of identifying an organisation or an individual person.	Party-SEPA2	-

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
PrivateIdentification	<PrvtId>	[1..1]	Unique and unambiguous identification of a person, e.g. passport.	Person-IdentificationSEPA2	-
OtherIdentification	<OthrId>	[1..1]	Identifier issued to a person for which no specific identifier has been defined.	RestrictedPerson-IdentificationSEPA	-
Identification	<Id>	[1..1]	Identifier issued to the Creditor for which no specific identifier has been defined.	Restricted-Person-IdentifierSEPA	Allocate to this field a CI as described in 2.2.2.
SchemeName	<SchemeNm>	[1..1]	Name of the identification scheme.	RestrictedPerson-IdentificationSchemeNameSEPA	
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	IdentificationSchemeNameSEPA	SEPA must be allocated to this field

Example

```

<DrctDbtTx>
  <MndtRltdInf>
    <MndtId>Mandate-Id</MndtId>
    <DtOfSgntr>2010-11-20</DtOfSgntr>
    <AmdmntInd>true</AmdmntInd>
    <AmdmntInfDtls>
      <OrgnlDbtrAcct>
        <Id>
          <Othr>
            <Id>SMNDA</Id>
          </Othr>
        </Id>
      </OrgnlDbtrAcct>
    </AmdmntInfDtls>
  </MndtRltdInf>
  <CdtrSchmeId>
    <Id>
      <PrvtId>
        <Othr>
          <Id>DE00ZZZ00099999999</Id>
          <SchemeNm>
            <Prtry>SEPA</Prtry>
          </SchemeNm>
        </Othr>
      </PrvtId>
    </Id>
  </CdtrSchmeId>
</DrctDbtTx>

```

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Appendix 3: Specification of Data Formats

2.2.2.9 Amendment Information Details

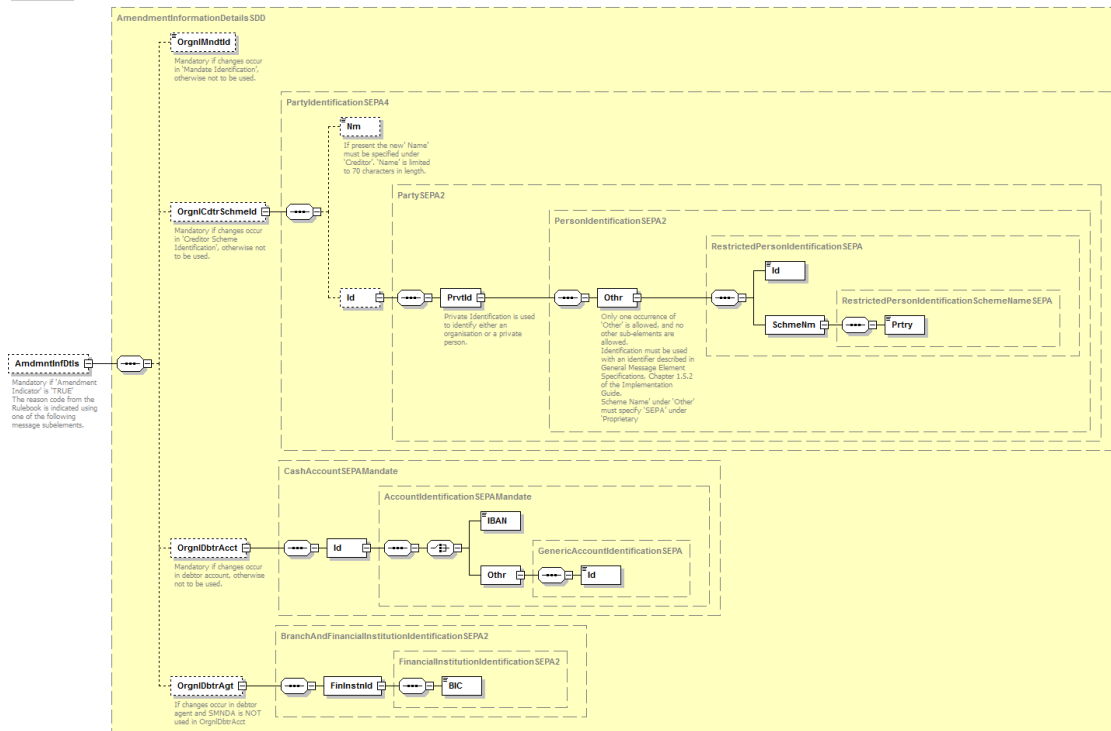


Diagram 27: pain.008.001.02, Amendment Information Details

Definition

List of direct debit mandate elements that have been modified.

XML Tag

<AmdmntInfDtls>

Occurrences

[0..1]

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Appendix 3: Specification of Data Formats

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
OriginalMandateIdentification	<Org-nlMndtId>	[0..1]	Original mandate identification that has been modified.	Restricted-IdentificationSEPA1	Mandatory if changes occur in MandateIdentification, otherwise not to be used.
OriginalCreditor-SchemeIdentification	<Org-nlCdtrSchmId>	[0..1]	Original creditor scheme identification and/or name of the Creditor that has been modified.	Party-IdentificationSEPA4	Mandatory if changes occur in MandateIdentification or in the Creditor Identifier (CI), otherwise not to be used.
Name	<Nm>	[0..1]	Name by which a party is known and which is usually used to identify that party.	Max70Text	If this original name is allocated, the new name has to be allocated to the element Creditor. Name is restricted to 70 characters.
Identification	<Id>	[0..1]	Unique and unambiguous way of identifying an organisation or an individual person.	Party-SEPA2	-
PrivateIdentification	<PrvtId>	[1..1]	Name or number assigned by an entity to enable recognition of that entity, e.g. account identifier.	Person-IdentificationSEPA2	-
OtherIdentification	<OthrId>	[1..1]	Identifier issued to a person for which no specific identifier has been defined.	RestrictedPerson-IdentificationSEPA	-
Identification	<Id>	[1..1]	Original CI of the Creditor	RestrictedPerson-IdentifierSEPA	Allocate a CI to this field as described in 2.2.2.
SchemeName	<Sch-meNm>	[1..1]	Name of the identification scheme.	RestrictedPerson-IdentificationSchemeName-SEPA	

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	IdentificationSchemeName-SEPA	SEPA must be allocated to this field
OriginalDebtorAccount	<OrgnIDbtrAcct>	[0..1]	Original debtor account.	CashAccountSE-PAMandate	To be used only for changes of accounts within the same bank.
Identification	<Id>	[1..1]	Unique and unambiguous identification of the account.	AccountIdentificationSE-PAMandate	-
IBAN	<IBAN>	[1..1]	International Bank Account Number (IBAN).	IBAN2007-Identifier	To be allocated with a valid IBAN (International Bank Account Number) Allocation only permitted in the case of an account change where the debtor agent does not change. This can have a maximum of 34 characters.
Other	<Othr>	[1..1]	Other identification	Generic Account IdentificationSEPA	
Identification	<Id>	[1..1]	Unique and unambiguous way of identifying an organisation or name (e.g. account number)	RestrictedSMN-DACode	Permitted code: SMNDA (Same Mandate New Debtor Account) indicates change of debtor account within the mandate.
OriginalDebtorAgent	<OrgnIDbtrAgt>	[0..1]	Original debtor's agent.	BranchAndFinancialInstitutionIdentificationSEPA2	This group can be allocated in the case of a change of debtor agent, but it is only allowed if <OriginalDebtorAccount> is not allocated with SMNDA

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution/Change of financial institution	Financial-Institution-IdentificationSEPA2	-
BIC	<BIC>	[1..1]	Business Identifier Code (SWIFT-Code)	BICIdentifier	Is to be allocated with a valid BIC The BIC can be either 8 or 11 characters long.

Example 1(Change of Creditor Identifier)

```

<DrctDbtTx>
  <MndtRltdInf>
    <MndtId>Mandate-Id</MndtId>
    <DtOfSgntr>2016-11-20</DtOfSgntr>
    <AmdmntInd>true</AmdmntInd>

    <AmdmntInfDtls>
      <OrgnlCdtrSchmeId>
        <Nm>Original Creditor Name</Nm>
        <Id>
          <PrvtId>
            <Othr>
              <Id>AA00OriginalCreditorID</Id>
              <SchmeNm>
                <Prtry>SEPA</Prtry>
              </SchmeNm>
            </Othr>
          </PrvtId>
        </Id>
      </OrgnlCdtrSchmeId>
    </AmdmntInfDtls>
  </MndtRltdInf>
</DrctDbtTx>

```

Formatiert: Englisch (USA)

Example 2 (Change of debtor account)

When the debtor account changes the following allocation rules may occur:

Which information has been provided to the creditor by the debtor? What information has to be allocated in the amendment block when sending the first direct debit with the new data?	Original Debtor Account	Original Debtor Agent
Debtor gave notice about the new IBAN (IBAN Only) → Creditor doesn't know, whether the debtor's ZDL ⁴² (=agent) also changed or not	SMNDA	- none -

⁴² ZDL = Zahlungsdienstleister (German term for payment service provider)

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Debtor gave notice about the new IBAN and a new/changed BIC → new ZDL	Option 1: SMNDA Option 2: - none -	Option 1: - none - Option 2: previous BIC
Debtor gave notice about the change of his account by giving IBAN and BIC, whereas the BIC remains constant → no new ZDL	Option 1: SMNDA Option 2: previous IBAN	- none -

The meaning of the code SMNDA has changed. In opposition to the previous versions of the SEPA schema its meaning is now „same mandate new debtor account“ (previous meaning: „same mandate new debtor agent“).

To avoid unnecessary complexity the allocation of SMNDA in
<OrgnlDbtrAcct><Id><Othr><Id> for each change of account is recommended.

The block <AmdmntInfDtls> for example looks like this in the case of a change of the debtor account:

```
<AmdmntInfDtls>
  <OrgnlDbtrAcct>
    <Id>
      <Othr>
        <Id>SMNDA</Id>
      </Othr>
    </Id>
  </OrgnlDbtrAcct>
</AmdmntInfDtls>
```

2.2.2.10 Debtor

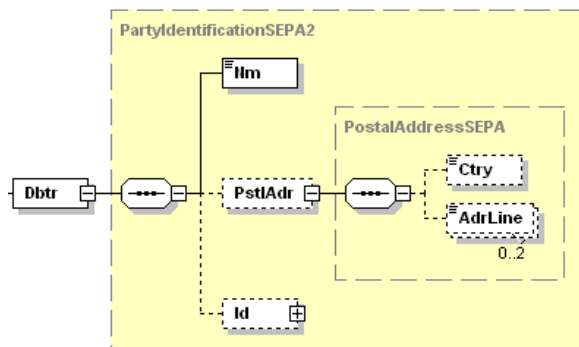


Diagram 28: pain.008.001.02, Debtor

Definition

Party that owes an amount of money to the (ultimate) creditor.

XML Tag

<Dbtr>

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Appendix 3: Specification of Data Formats

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Name	<Nm>	[1..1]	Name	Max70Text	<p>Name is restricted to 70 characters.</p> <p>If a mandate for a SEPA direct debit (Local instrument = CORE) is generated using data from a payment card at a point of sale and if the debtor's name is not available, the debtor can be identified by specifying the card data instead of his name in the following order:</p> <ul style="list-style-type: none"> • Constant /CDGM (Card Data Generated Mandate) • /CardNumber • /SequenceNumber • /ExpiryDateOfCard (4 digits in format JJMM). <p>In this case the purpose code „CGDD“ must be used.</p> <p>If the card number is not available, the PAN has to be used. In order to achieve the same data field length for the card number / PAN, the card number must be padded left-aligned with zeros up to 19 digits.</p>
PostalAddress	<PstlAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	Postal-Address-SEPA	We recommend leaving this field group without allocation.
Country	<Ctry>	[1..1]	Nation with its own government.	Country Code	-
AddressLine	<AdrLine>	[0..2]	Address in-	Max70Text	-

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Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
			formation is presented in free format text.		
Identification	<Id>	[0..1]	Refer to 2.2.1.5		We recommend leaving this field without allocation.

Examples

```
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
```

```
<Dbtr>
  <Nm>CDGM/0000000001234567891/1/1402</Nm>
</Dbtr>
```

2.2.2.11 Remittance Information

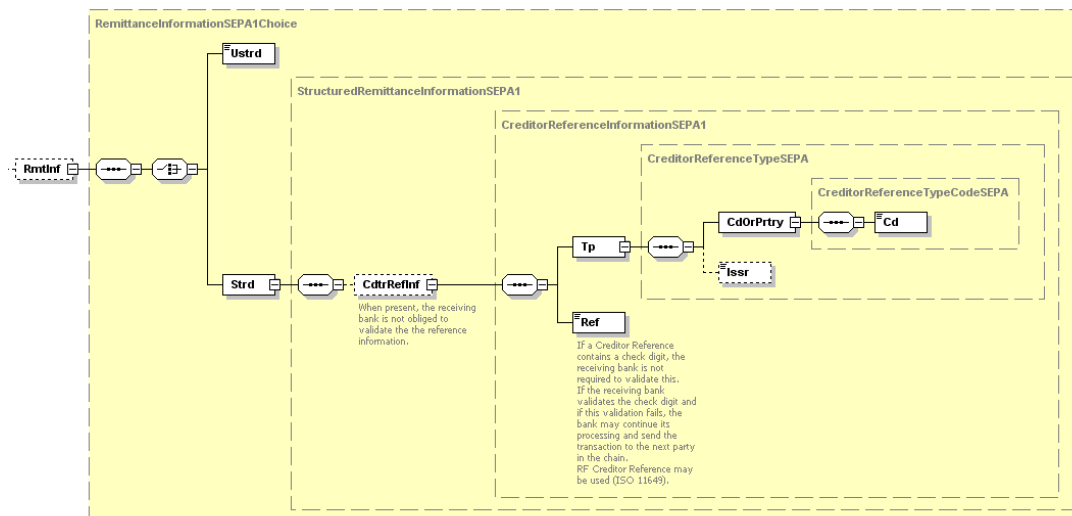


Diagram 29: pain.008.001.02, Remittance Information

Definition

Information that enables the matching, i.e. reconciliation, of a payment with the items that the payment is intended to settle, e.g. commercial invoices in an account receivable system.

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XML Tag

<RmtInf>

Occurrences

[0..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
Unstructured	<Ustrd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in an unstructured form.	Max140Text	The use of the unstructured remittance information is recommended. It may carry structured remittance information, as agreed between the Creditor and the Debtor.
Structured	<Strd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in a structured form.	Structured-RemittanceInformationSEPA1	We recommend not to use this option. We strongly recommend coming to an agreement with the creditor before allocating this field. The content of this field (including contained tags and whitespace, but excluding the tags <Strd> and </Strd> themselves), must not exceed 140 characters.
CreditorReferenceInformation	<CdtrRef-Inf>	[0..1]	Reference information provided by the creditor to allow the identification of the underlying documents.	CreditorReferenceInformationSEPA1	-
CreditorReferenceType	<Tp>	[1..1]	Type of the reference	CreditorReference-TypeSEPA	-

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Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
CodeOrProprietary	<CdOrPrtry>	[1..1]	Specification of the document type	CreditorReference-TypeCode-SEPA	
Code	<Cd>	[1..1]	Code to specify the document type	DocumentType3-CodeSEPA	Only the code SCOR is allowed.
Issuer	<Issr>	[0..1]	Issuer of the reference.	Max35Text	At present, this field is marked white according to EPC Bank-to-Bank Implementation Guidelines and, therefore, is not submitted if necessary..
CreditorReference	<CdtrRef>	[1..1]	Unique and unambiguous reference assigned by the creditor to refer to the payment transaction.	Max35Text	-

Example

```
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
```

2.2.3 Payment Status Report – pain.002.001.03

In the case of SEPA credit transfers (SCT = SEPA Credit Transfer), the Payment Status Report contains the financial institution's message to the payer on the rejection of transfer orders. The message only contains orders which have been rejected prior to settlement by the financial institution of the payer.

In the case of SEPA core direct debit and SEPA B2B direct debit (SDD = SEPA Direct Debit) the Payment Status Report contains the message of the first place of collection to the payee on the direct debits rejected prior to the due date.

Order Type

The SEPA message Status Report for the SEPA Credit Transfer (SCT) is transmitted with CRZ and the Status Report for the SEPA Direct Debit (SDD, no distinction between SEPA core direct debit and SEPA B2B direct debit is made here) is transmitted with CDZ.

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Appendix 3: Specification of Data Formats

Overview

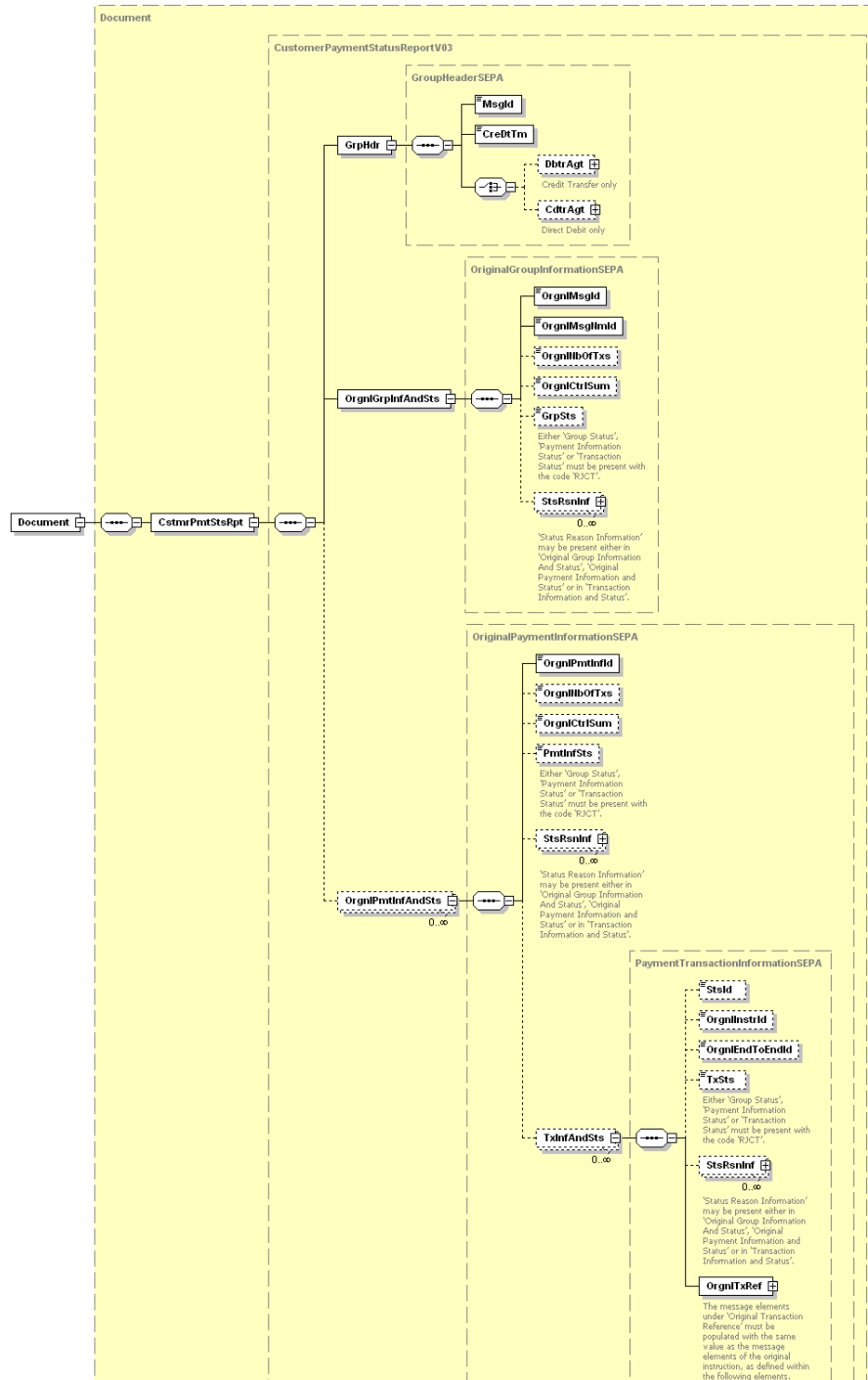


Diagram 30: Overview pain.002.001.03

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Appendix 3: Specification of Data Formats

2.2.3.1 Document

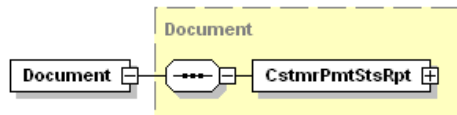


Diagram 31: pain.002.001.03, Document

Definition

For the Payment Status Report UNIFI (ISO 20022) XML message: SEPA Payment Status Report. This is the root element of the pain.002.001.03 message.

XML Tag

<Document>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK - Rules
Payment Status Report	<CstmrPmtStsRpt>	[1..1]	Refer to 2.2.3.2		-

In case of the reject of a SEPA direct debit the BIC fields are allocated as follows:

- In the group header (<GrpHdr>) the BIC of the bank generating the XML-message is specified (in this case the BIC of the creditor bank, as this is the reject of a direct debit)
- In the element group <StsRsnInf> the BIC of the bank which has identified the error having caused the reject is specified. In this case the first place of collection has detected that the IBAN is not correct and returns the error code AC01 "account identifier incorrect (i.e. invalid IBAN)".

To the data element group OriginalPaymentInformationAndStatus the original transaction data are allocated.

Example (for a reject of an SDD)

```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.002.001.03"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:pain.002.001.03
    pain.002.001.03.xsd">
  <CstmrPmtStsRpt>
    <GrpHdr>
      <MsgId>Message-ID-4712</MsgId>
      <CreDtTm>2010-11-22T09:30:47.000Z</CreDtTm>
      <CdtrAgt>
```

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```
<FinInstnId>
  <BIC>BANKDEFFXXX</BIC>
</FinInstnId>
</CdtrAgt>
</GrpHdr>
<OrgnlGrpInfAndSts>
  <OrgnlMsgId>Message-ID-4711</OrgnlMsgId>
  <OrgnlMsgNmId>pain.008</OrgnlMsgNmId>
</OrgnlGrpInfAndSts>
<OrgnlPmtInfAndSts>
<OrgnlPmtInfId>Sammllerreferenz-4710</OrgnlPmtInfId>
  <TxInfAndSts>
    <StsId>Status-ID</StsId>
    <OrgnlEndToEndId>OriginatorID1234</OrgnlEndToEndId>
    <TxSts>RJCT</TxSts>
    <StsRsnInf>
      <Orgtr>
        <Id>
          <OrgId>
            <BICOrBEI>BANKDEFFXXX</BICOrBEI>
          </OrgId>
        </Id>
      </Orgtr>
      <Rsn>
        <Cd>AC01</Cd>
      </Rsn>
    </StsRsnInf>
  <OrgnlTxRef>
    <Amt>
      <InstdAmt Ccy="EUR">6543.14</InstdAmt>
    </Amt>
    <ReqdColltnDt>2010-12-03</ReqdColltnDt>
    <CdtrSchmeId>
      <Id>
        <PrvtId>
          <Othr>
            <Id>DE00ZZZ00099999999</Id>
            <SchmeNm>
              <Prtry>SEPA</Prtry>
            </SchmeNm>
          </Othr>
        </PrvtId>
      </Id>
    </CdtrSchmeId>
  <PmtTpInf>
    <SvcLvl>
      <Cd>SEPA</Cd>
    </SvcLvl>
    <LclInstrm>
      <Cd>CORE</Cd>
    </LclInstrm>
    <SeqTp>FRST</SeqTp>
  </PmtTpInf>
  <MndtRltdInf>
    <MndtId>Mandate-Id</MndtId>
    <DtOfSgntr>2010-11-20</DtOfSgntr>
  </MndtRltdInf>
  <RmtInf>
    <Ustrd>Unstructured Remittance Information</Ustrd>
  </RmtInf>
  <UltmtDbtr>
    <Nm>Ultimate Debtor Name</Nm>
  </UltmtDbtr>
  <Dbtr>
    <Nm>Debtor Name</Nm>
  </Dbtr>
  <DbtrAcct>
    <Id>
      <IBAN>DE87200500001234567890</IBAN>
    </Id>
  </DbtrAcct>
  <DbtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
```

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Appendix 3: Specification of Data Formats

```
<CdtrAgt>
  <FinInstnId>
    <BIC>BANKDEFFXXX</BIC>
  </FinInstnId>
</CdtrAgt>
<Cdtr>
  <Nm>Creditor Name</Nm>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</CdtrAcct>
</OrgnlTxRef>
</TxInfAndSts>
</OrgnlPmtInfAndSts>
</CstmrPmtStsRpt>
</Document>
```

2.2.3.2 Customer Payment Status Report

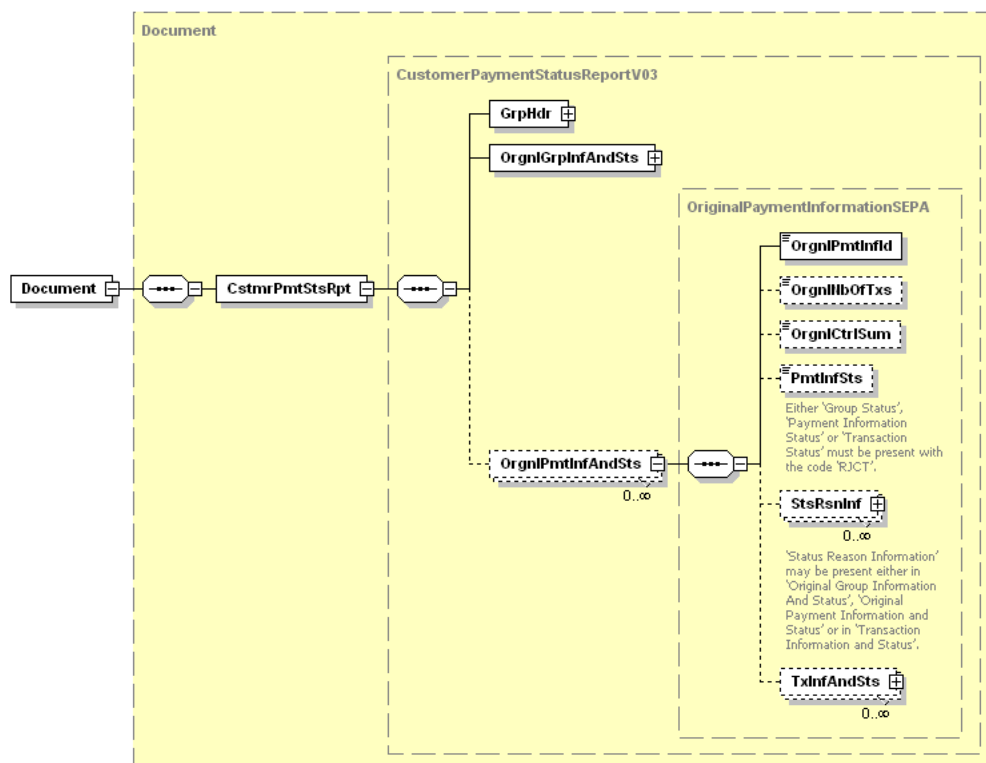


Diagram 32: Customer Payment Status Report

Definition

Payment Status Report

XML Tag

<CstmrPmtStsRpt>

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Appendix 3: Specification of Data Formats

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
GroupHeader	<GrpHdr>	[1..1]	Refer to 2.2.3.3		-
OriginalGroupInformationAndStatus	<OrgnlGrpInfAndSts>	[1..1]	Refer to 2.2.3.4		-
OriginalNumber-OfTransactions	<OrgnlNb-OfTxs>	[0..1]	Number of individual transactions contained in the original PaymentInformationBlock	Max15NumericText	
OriginalControl-Sum	<OrgnlCtrl-Sum>	[0..1]	Total of all individual amounts included in the original PaymentInformationBlock, irrespective of currencies.	Decimal-Number	2 is the maximum number of decimal digits allowed.
PaymentStatus	<PmtInfSts>	[0..1]	Specifies the status of a group of transactions	Transaction-GroupStatusCode-SEPA	Entweder muss RJCT in Feld „Group Status“, „Payment Information Status“ oder „Transaction Information and Status“ stehen.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC- / DK-Rules
StatusReasonInformation	<StsRsnInf>	[0..unbounded]	Refer to 2.2.3.5		<p>This field is always allocated by German financial institutions either on the level "Original Group Information and Status", "Original Payment Information and Status", or "Transaction Information and Status".</p> <p>RJCT has to be allocated either to field "Group Status", "Payment Information Status", or "Transaction Information and Status"</p> <p>It has only to be used in the case of Payment Status RJCT, otherwise Statusreason has to be allocated on the transaction level</p>
TransactionInformationAndStatus	<TxInfAndSts>	[0..unbounded]	Refer to 2.2.3.6		Please refer to annotation in chapter 2.1.

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Appendix 3: Specification of Data Formats

2.2.3.3 Group Header

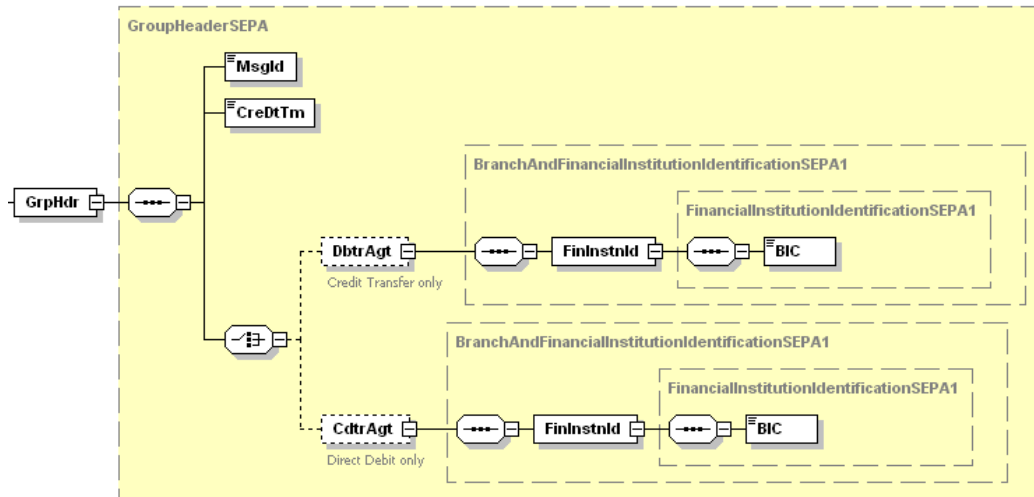


Diagram 33: pain.002.001.03, Group Header

Definition

Set of characteristics shared by all individual transactions included in the status report message.

XML Tag

<GrpHdr>

Occurrences

[1..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
MessageIdentification	<MsgId>	[1..1]	Point to point reference assigned by the instructing party and sent to the next party in the chain to unambiguously identify the message.	restrictedIdentificationSEPA1	-
CreationDateTime	<CreDtTm>	[1..1]	Date and time at which the status report was created by the instructing party.	ISODateTime	-

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
DebtorAgent	<DbtrAgt>	[0..1]	Financial institution servicing a debtor (in case of SCT) of the original transaction.	BranchAnd- chAnd- Financia- lInstitutio- nIdentifica- tionSEPA1	To be used in case of SCT.
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	Financia- lInstitutio- nIdentifica- tionSEPA1	-
BIC	<BIC>	[1..1]	Business Identifier code (ISO 9362).	BICIdentifier	Must be allocated using valid BIC This can be either 8 or 11 characters long. BIC of the financial institution of the creditor
CreditorAgent	<CdtrAgt>	[0..1]	Financial institution servicing a creditor (in case of SDD) of the original transaction.	BranchAnd- chAnd- Financia- lInstitutio- nIdentifica- tionSEPA1	To be used in case of SDD.
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	Financia- lInstitutio- nIdentifica- tionSEPA1	-
BIC	<BIC>	[1..1]	Business Identifier code (ISO 9362)	BICIdentifier	Must be allocated using valid BIC This can be either 8 or 11 characters long. BIC of the financial institution of the creditor

Example:

For the case of a payment status report SDD

```

<GrpHdr>
  <MsgId>Message-ID-4712</MsgId>
  <CreDtTm>2010-11-22T09:30:47.000Z</CreDtTm>
  <CdtrAgt>
    <FinInstnId>
      <BIC>BANKDEFFXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
</GrpHdr>

```

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For the case of a payment status report SCT

```
<GrpHdr>
  <MsgId>Message-ID-4712</MsgId>
  <CreDtTm>2010-11-22T09:30:47.000Z</CreDtTm>
  <DbtrAgt>
    <FinInstnId>
      <BIC>BANKDEFFXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
</GrpHdr>
```

2.2.3.4 Original Group Information and Status

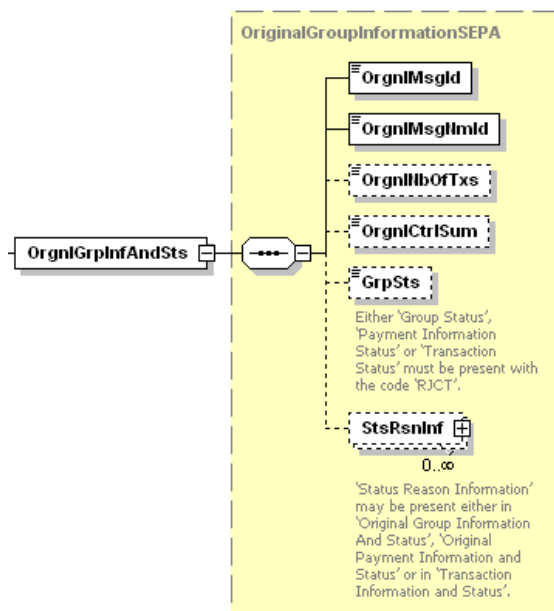


Diagram 34: pain.002.001.03, Original Group Information and Status

Definition

Reference to the message of the initiating party.

XML Tag

<OrgnlGrpInfAndSts>

Occurrences

[1..1]

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Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
OriginalMessageIdentification	<OrgnlMsgId>	[1..1]	Reference of the original message.	Max35Text	To be allocated by German financial institutions.
OriginalMessageNameIdentification	<OrgnlMsgNmId>	[1..1]	Specifies the original message identifier to which the message refers: pain.008.001.02 (SDD) or pain.001.001.03 (SCT)	Max35Text	To be allocated with <code>pain.008</code> or <code>pain.001</code> (without variant and version number)
OriginalNumberOfTransactions	<OrgnlNbOfTx>	[0..1]	Number of individual transactions contained in the original message	Max15NumericText	
OriginalControlSum	<OrgnlCtrlSum>	[0..1]	Total of all individual amounts included in the original message, irrespective of currencies.	Decimal-Number	2 is the maximum number of decimal digits allowed.
GroupStatus	<GrpSts>	[0..1]	Specifies the status of the return message	Transaction-GroupStatusCode-SEPA	RJCT has to be allocated either to field "Group Status", "Payment Information Status", or "Transaction Information and Status"
StatusReasonInformation	<StsRsnInf>	[0..unbounded]	Refer to 2.2.3.5		This field is always allocated by German financial institutions either on the level "Original Group Information and Status", "Original Payment Information and Status", or "Transaction Information and Status" To be used only for GroupStatus RJCT, else the state reason for return is to be allocated on the level of "Original Group Information and Status" or "Transaction Information and Status"

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occur-ences	Definition	Type	EPC-/DK-Rules and Status ⁴ .

Example

```

<OrgnlGrpInfAndSts>
  <OrgnlMsgId>Message-ID-4711</OrgnlMsgId>
  <OrgnlMsgNmId>pain.008</OrgnlMsgNmId>
  <GrpSts>RJCT</GrpSts>
  <StsRsnInf>
    <StsOrgtr>
      <Id>
        <OrgId>
          <BIC>BANKDEFFXXX</BIC>
        </OrgId>
      </Id>
    </StsOrgtr>
    <StsRsn>
      <Cd>FF01</Cd>
    </StsRsn>
  </StsRsnInf>
</OrgnlGrpInfAndSts>

```

2.2.3.5 Status Reason Information

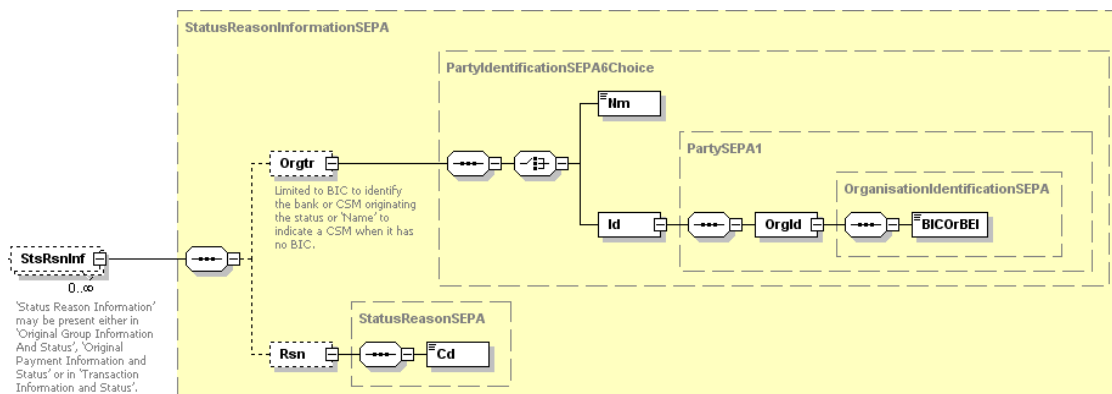


Diagram 35: pain.002.001.03, Status Reason Information

Definition

Detailed information on the status reason.

XML Tag

<StsRsnInf>

Occurrences

[0..unbounded]

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Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
StatusOriginator	<StsOrgtr>	[0..1]	Party issuing the return message (financial institution or clearing house).	PartyIdentificationSE-PA6Choice	Limited to BIC to identify the Bank or CSM originating the status or Name to indicate the CSM when it has no BIC
Name	<Nm>	[1..1]	Name by which a party is known and which is usually used to identify that party.	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[1..1]	Unique and unambiguous way of identifying an organisation or an individual person.	PartySE-PA1	-
OrganisationIdentification	<OrgId>	[1..1]	Unique and unambiguous way of identifying an organisation.	OrganisationIdentificationSE-PA	-
BICOrBEI	<BICOrBEI>	[1..1]	Business Identifier Code (ISO 9362)	AnyBICIdentifier	Must be allocated using valid BIC This can be either 8 or 11 characters long.
StatusReason	<StsRsn>	[0..1]	Specifies the reason for the status report.	StatusReasonSE-PA	-
Code	<Cd>	[1..1]	Reason for the status in a coded form.	External-Status-Reason1Code	Please refer to chapter 2.3.2 for the permitted values.

Example

```
<StsRsnInf>
  <StsOrgtr>
    <Id>
      <OrgId>
        <BIC>BANKDEFFXXX</BIC>
      </OrgId>
    </Id>
  </StsOrgtr>
  <StsRsn>
    <Cd>AC01</Cd>
  </StsRsn>
</StsRsnInf>
```


2.2.3.6 Transaction Information and Status

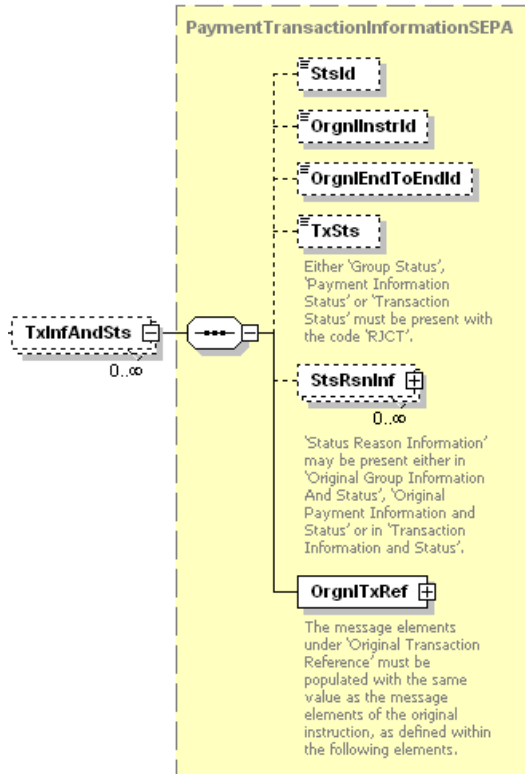


Diagram 36: pain.002.001.03, Transaction Information and Status

Definition

Information concerning the original transactions to which the status report message refers.

XML Tag

<TxInfAndSts>

Occurrences

[0..unbounded] (note the limits specified in chapter 2.1.)

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Appendix 3: Specification of Data Formats

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
StatusIdentification	<StsId>	[0..1]	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the reported status.	RestrictedIdentificationSEPA1	-
OriginalInstructionIdentification	<Orgn-InstId>	[0..1]	Original identification to identify the original instruction.	Max35Text	-
OriginalEndToEndIdentification	<Orgn-InstId>	[0..1]	Original unique identification assigned by the initiating party to unambiguously identify the original transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain.	Max35Text	If this field is allocated, it is to be used with the EndToEndID of the original transaction.
TransactionStatus	<TxSts>	[0..1]	Specifies the status of a transaction, in a coded form.	TransactionIndividualStatusCodeSEPA	RJCT has to be allocated either to field "Group Status", "Payment Information Status", or "Transaction Information and Status"
StatusReasonInformation	<StsRsnInf>	[0..unbounded]	Refer to 2.2.3.5		This field is always allocated by German financial institutions either on the level "Original Group Information and Status", "Original Payment Information and Status", or "Transaction Information and Status"

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
OriginalTransactionReference	<OrgnlTxRef>	[1..1]	Refer to 2.2.3.7		The message elements under Original-Transaction-Reference must be populated with the same value as the message elements of the original instruction, as defined within the following elements.

Example 'Payment Status Reports for Direct Debit':

```

<TxInfAndSts>
  <StsId>Status-ID</StsId>
  <OrgnlInstrId>Message-ID-4712</OrgnlInstrId>
  <OrgnlEndToEndId>OriginatorID1234</OrgnlEndToEndId>
  <TxSts>RJCT</TxSts>
  <StsRsnInf>
    <Orgtr>
      <Id>
        <OrgId>
          <BICOrBEI>BANKDEFFXXX</BICOrBEI>
        </OrgId>
      </Id>
    </Orgtr>
    <Rsn>
      <Cd>AC01</Cd>
    </Rsn>
  </StsRsnInf>
  <OrgnlTxRef>
    <Amt>
      <InstdAmt Ccy="EUR">6543.14</InstdAmt>
    </Amt>
    <ReqdColltnDt>2010-12-03</ReqdColltnDt>
    <CdtrSchmeId>
      <Id>
        <PrvtId>
          <Othr>
            <Id>DE00ZZZ00099999999</Id>
            <SchmeNm>
              <Prtry>SEPA</Prtry>
            </SchmeNm>
          </Othr>
        </PrvtId>
      </Id>
    </CdtrSchmeId>
    <PmtTpInf>
      <SvcLvl>
        <Cd>SEPA</Cd>
      </SvcLvl>
      <LclInstrm>
        <Cd>CORE</Cd>
      </LclInstrm>
      <SeqTp>FRST</SeqTp>
    </PmtTpInf>
    <MndtRltdInf>
      <MndtId>Mandate-Id</MndtId>
      <DtOfSgntr>2010-11-20</DtOfSgntr>
      <AmdmntInd>true</AmdmntInd>
      <AmdmntInfDtls>
        <OrgnlDbtrAcct>
          <Id>

```

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```
<Othr>
  <Id>SMNDA</Id>
</Othr>
</Id>
</OrgnlDbtrAcct>
</AmdmntInfDtls>
</MndtRltdInf>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
<UltmtDbtr>
  <Nm>Ultimate Debtor Name</Nm>
</UltmtDbtr>
<Dbtr>
  <Nm>Debtor Name</Nm>
  <PstlAdr>
    <AdrLine>Debtor Street</AdrLine>
    <AdrLine>54321 Debtor City</AdrLine>
  </PstlAdr>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE87200500001234567890</IBAN>
  </Id>
</DbtrAcct>
<DbtrAgt>
  <FinInstnId>
    <BIC>BANKDEFFXXX</BIC>
  </FinInstnId>
</DbtrAgt>
<CdtrAgt>
  <FinInstnId>
    <BIC>SPUEDE2UXXX</BIC>
  </FinInstnId>
</CdtrAgt>
<Cdtr>
  <Nm>Creditor Name</Nm>
  <PstlAdr>
    <AdrLine>Creditor Street</AdrLine>
    <AdrLine>12345 Creditor City</AdrLine>
  </PstlAdr>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</CdtrAcct>
</OrgnlTxRef>
</TxInfAndSts>
```

Example 'Payment Status Reports for Credit Transfer':

```
<TxInfAndSts>
  <StsId>Status-ID</StsId>
  <OrgnlInstrId>Message-ID-4712</OrgnlInstrId>
  <OrgnlEndToEndId>OriginatorID1234</OrgnlEndToEndId>
  <TxSts>RJCT</TxSts>
  <StsRsnInf>
    <Orgtr>
      <Id>
        <OrgId>
          <BICOrBEI>BANKDEFFXXX</BICOrBEI>
        </OrgId>
      </Id>
    </Orgtr>
    <Rsn>
      <Cd>AC01</Cd>
    </Rsn>
  </StsRsnInf>
  <OrgnlTxRef>
    <Amt>
      <InstdAmt Ccy="EUR">6543.14</InstdAmt>
    </Amt>
  </OrgnlTxRef>
</TxInfAndSts>
```

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```
<ReqdExctnDt>2010-05-25</ReqdExctnDt>
<PmtTpInf>
  <SvcLvl>
    <Cd>SEPA</Cd>
  </SvcLvl>
</PmtTpInf>
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
<Dbtr>
  <Nm>Debtor Name</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>DE87200500001234567890</IBAN>
  </Id>
</DbtrAcct>
<DbtrAgt>
  <FinInstnId>
    <BIC>BANKDEFFXXX</BIC>
  </FinInstnId>
</DbtrAgt>
<CdtrAgt>
  <FinInstnId>
    <BIC>SPUEDE2UXXX</BIC>
  </FinInstnId>
</CdtrAgt>
<Cdtr>
  <Nm>Creditor Name</Nm>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>DE21500500009876543210</IBAN>
  </Id>
</CdtrAcct>
</OrgnlTxRef>
</TxInfAndSts>
```

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2.2.3.7 Original Transaction Reference

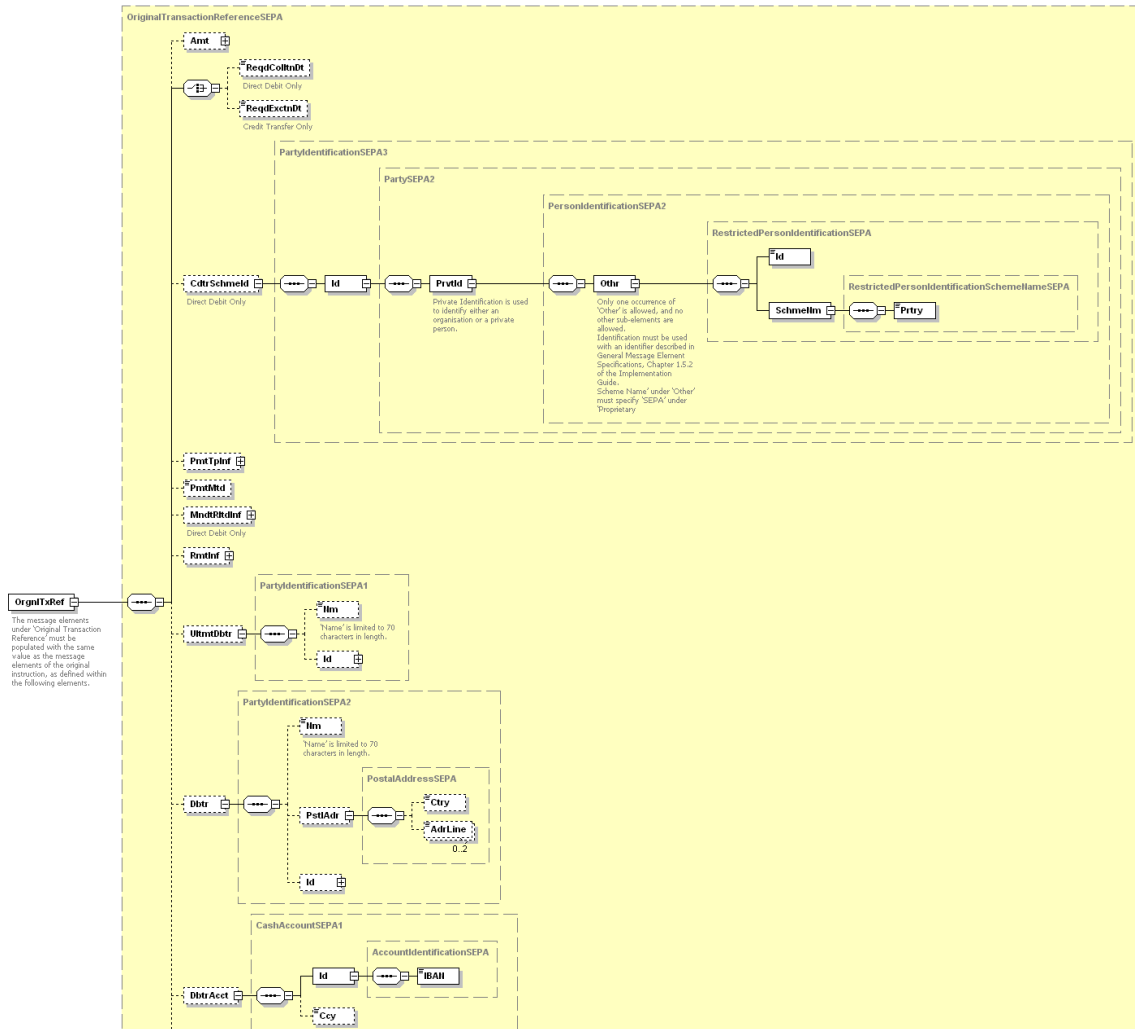


Diagram to be continued on the next page.

Diagram continued from the previous page.

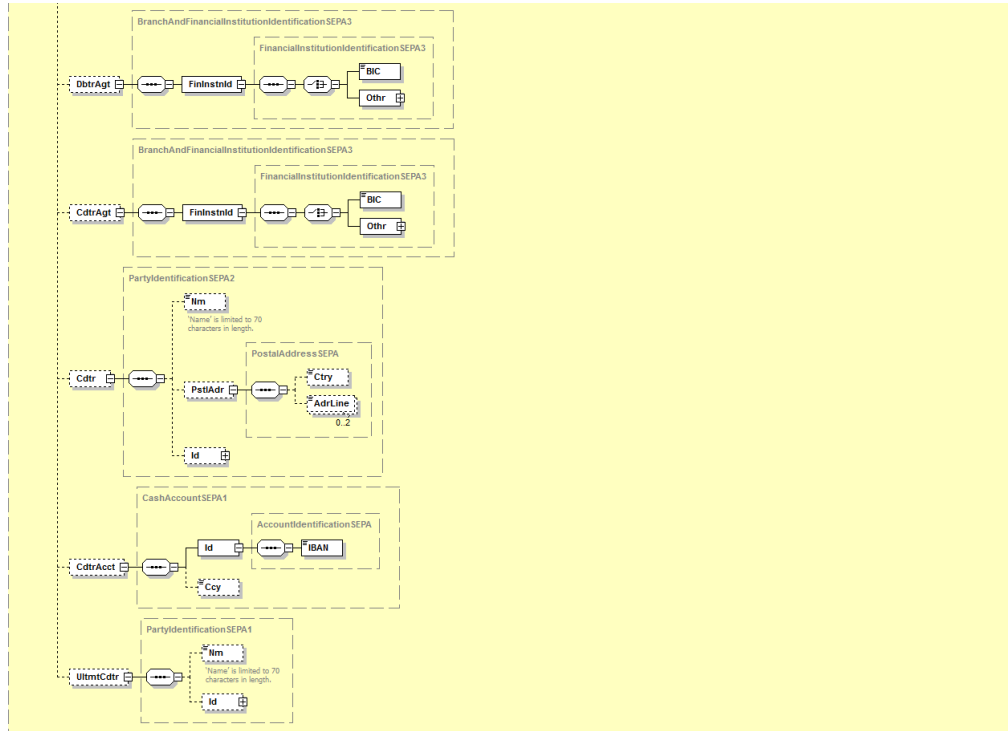


Diagram 37: pain.002.001.03, Original Transaction Reference

Definition

Set of key elements of the original transaction being referred to.

XML Tag

<OrgnlTxRef>

Occurrences

[1..1]

The message elements under 'Original Transaction Reference' must have the same values as the message elements of the original instruction, as defined within the following elements.

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Appendix 3: Specification of Data Formats

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Amount	<Amt>	[0..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges.	AmountTypeSEPA	
InstructedAmount	<InstdAmt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges.	Active-OrHistoric-Currency-AndAmountSEPA	To be allocated with an amount of money including currency code for EUR The decimal separator is a period.
RequestedExecutionDate	<ReqdExctnDt>	[1..1]	Date at which the initiating party requests the clearing agent to process the payment.	ISODate	Choice: Only permissible in case of SCT.
RequestedCollectionDate	<ReqdColtnDt>	[1..1]	Date at which the creditor requests the amount of money to be collected from the debtor.	ISODate	Choice: Only permissible in case of SDD.
CreditorScheme-Identification	<CdtrSchmId>	[0..1]	Credit party that signs the mandate.	Party-IdentificationSEPA3	Only permissible in case of SDD R-transactions
Identification	<Id>	[1..1]	Unique and unambiguous identification of a party.	Party-SEPA2	
PrivateIdentification	<PrvtId>	[1..1]	Unique and unambiguous identification of a person	Person-IdentificationSEPA2	
OtherIdentification	<Othr>	[1..1]	Identifier issued to a person for which no specific identifier has been defined.	RestrictedPerson-IdentificationSEPA	
Identification	<Id>	[1..1]	Unique and unambiguous identification of the creditor	RestrictedPerson-IdentifierSEPA	The Creditor Identifier is to be allocated to this field (refer to chapter 2.2.2)
SchemeName	<SchmeNm>	[1..1]	Name of the identification scheme.	RestrictedPerson-IdentificationSchemeNameSEPA	
Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	IdentificationSchemeNameSEPA	SEPA must be allocated to this field.

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
PaymentTypeInformation	<PmtTpInf>	[0..1]	Refer to 2.2.3.8		
PaymentMethod	<PmtMtd>	[0..1]		Payment-MethodSEPA-Code	Valid codes: DD (SDD) and TRF (SCT)
MandateRelatedInformation	<MndtRltdInf>	[0..1]	Refer to 2.2.3.9		Only permissible in case of SDD.
RemittanceInformation	<RmtInf>	[0..1]	Refer to 2.2.3.10		-
UltimateDebtor	<UltmtDbtr>	[0..1]	Debtor reference party of the original transaction. For information only.	PartyIdentificationSEPA1	-
Name	<Nm>	[0..1]	Name of the Ultimate Debtor	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[0..1]	Refer to 2.2.1.5		-
Debtor	<Dbtr>	[0..1]	Debtor of the original transaction.	PartyIdentificationSEPA2	-
Name	<Nm>	[0..1]	Name of the Debtor	Max70Text	Name is restricted to 70 characters
PostalAddress	<PstlAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	PostalAddressSEPA	-
Country	<Ctry>	[0..1]	Nation with its own government.	CountryCode	Country code (acc. to ISO 3166) consisting of 2 capital characters, e.g. DE for Deutschland (Germany).
AddressLine	<AdrLine>	[0..2]	Address information is presented in free format text.	Max70Text	-
Identification	<Id>	[0..1]	Refer to 2.2.1.5		-
DebtorAccount	<DbtrAcct>	[0..1]	Debtor's account of the original transaction.	CashAccountSEPA1	
Identification	<Id>	[1..1]	Account identification	AccountIdentificationSEPA	-

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
IBAN	<IBAN>	[1..1]	International Bank Account (ISO 13616).	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number). This can have a maximum of 34 characters.
Currency	<Ccy>	[0..1]	Currency of the account of the debtor of the original transaction.	Active-OrHistoric-CurrencyCode	
DebtorAgent	<DbtrAgt>	[0..1]	Bank of the debtor of the original transaction.	BranchAndFinancialInstitutionIdentificationSEPA1	-
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	FinancialInstitutionIdentificationSEPA1	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362)	BICIdentifier	If the element is used it must be allocated using valid BIC This can be either 8 or 11 characters long.
OtherIdentification	<Othr>	[1..1]	Other identification of financial institution	OthrIdentification	
Identification	<Id>	[1..1]	Identification	OthrIdentification-Code	
CreditorAgent	<CdtrAgt>	[0..1]	Bank of the creditor of the original transaction.	BranchAndFinancialInstitutionIdentificationSEPA1	-
FinancialInstitutionIdentification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution.	FinancialInstitutionIdentificationSEPA1	-
BIC	<BIC>	[1..1]	Business Identifier Code (ISO 9362)	BICIdentifier	If the element is used it must be allocated using valid BIC This can be either 8 or 11 characters long.

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
OtherIdentification	<Othr>	[1..1]	Other identification of financial institution	OthrIdentification	
Identification	<Id>	[1..1]	Identification	OthrIdentification-Code	
Creditor	<Cdtr>	[0..1]	Creditor of the original transaction.	PartyIdentificationSEPA2	-
Name	<Nm>	[0..1]	Name of the creditor of the original transaction.	Max70Text	Name is restricted to 70 characters
PostalAddress	<PstlAdr>	[0..1]	Information that locates and identifies a specific address, as defined by postal services.	PostalAddress-SEPA	-
Country	<Ctry>	[0..1]	Nation with its own government.	CountryCode	Country code (acc. to ISO 3166) consisting of 2 capital characters, e.g. DE for Deutschland (Germany).
AddressLine	<AdrLine>	[0..2]	Address information is presented in free format text.	Max70Text	-
Identification	<Id>	[0..1]	Refer to 2.2.1.5		-
CreditorAccount	<CdtrAcct>	[0..1]	Account of the creditor of the original transaction.	CashAccountSEPA1	-
Identification	<Id>	[1..1]	Account identification	AccountIdentificationSEPA	-
IBAN	<IBAN>	[1..1]	International Bank Account (ISO 13616).	IBAN2007Identifier	To be allocated with a valid IBAN (International Bank Account Number). This can have a maximum of 34 characters.
Currency	<Ccy>	[0..1]	Currency of the account.	Active-OrHistoric-CurrencyCode	
UltimateCreditor	<UltmtCdtr>	[0..1]	Creditor reference party of the original transaction. For information only.	PartyIdentification-SEPA1	-

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Name	<Nm>	[0..1]	Name of the creditor reference party of the original transaction.	Max70Text	Name is restricted to 70 characters
Identification	<Id>	[0..1]	Refer to 2.2.1.5		-

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Example

```
<OrgnlTxRef>
  <Amt>
    <InstdAmt Ccy="EUR">6543.14</InstdAmt>
  </Amt>
  <ReqdColltnDt>2010-12-03</ReqdColltnDt>
  <CdtrSchmeId>
    <Id>
      <PrvtId>
        <Othr>
          <Id>DE00ZZZ00099999999</Id>
          <SchmeNm>
            <Prtry>SEPA</Prtry>
          </SchmeNm>
        </Othr>
      </PrvtId>
    </Id>
  </CdtrSchmeId>
  <PmtTpInf>
    <SvcLvl>
      <Cd>SEPA</Cd>
    </SvcLvl>
    <LclInstrm>
      <Cd>CORE</Cd>
    </LclInstrm>
    <SeqTp>FRST</SeqTp>
  </PmtTpInf>
  <MndtRltdInf>
    <MndtId>Mandate-Id</MndtId>
    <DtOfSgntr>2010-11-20</DtOfSgntr>
    <AmdmntInd>true</AmdmntInd>
    <AmdmntInfDtls>
      <<OrgnlDbtrAcct>
        <Id>
          <Othr>
            <Id>SMNDA</Id>
          </Othr>
        </Id>
      </OrgnlDbtrAcct>
    </AmdmntInfDtls>
  </MndtRltdInf>
  <RmtInf>
    <Ustrd>Verwendungszweck</Ustrd>
  </RmtInf>
  <UltmtDbtr>
    <Nm>Ultimate Debtor Name</Nm>
  </UltmtDbtr>
  <Dbtr>
    <Nm>Debtor Name</Nm>
  </Dbtr>
  <DbtrAcct>
    <Id>
      <IBAN>DE87200500001234567890</IBAN>
    </Id>
  </DbtrAcct>
  <DbtrAgt>
    <FinInstnId>
      <BIC>BANKDEFFXXX</BIC>
    </FinInstnId>
  </DbtrAgt>
  <CdtrAgt>
    <FinInstnId>
      <BIC>SPUEDE2UXXX</BIC>
    </FinInstnId>
  </CdtrAgt>
  <Cdtr>
    <Nm>Creditor Name</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>DE21500500009876543210</IBAN>
```

Formatiert: Englisch (USA)

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Appendix 3: Specification of Data Formats

```
</Id>
</CdtrAcct>
</OrgnlTxRef>
```

2.2.3.8 Payment Type Information

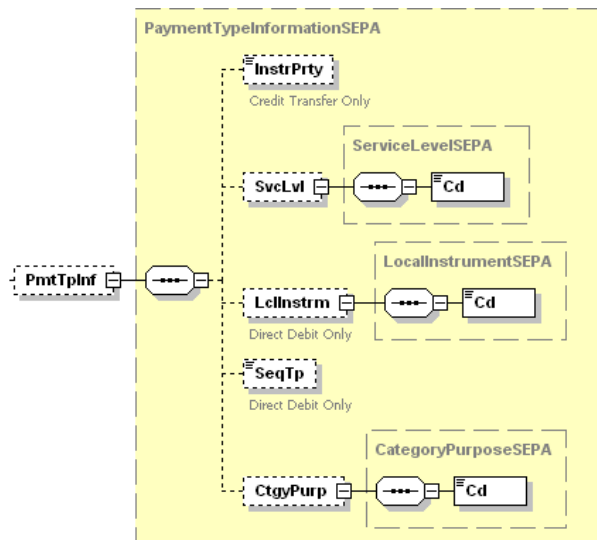


Diagram 38: pain.002.001.03, Payment Type Information

Definition

Set of elements that further specifies the type of transaction.

XML Tag

<PmtTpInf>

Occurrences

[0..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
InstructionPriority	<InstrPrty>	[0..1]	Indicator of the urgency or order of importance that the instructing party would like the instructed party to apply to the processing of the instruction.	Priority2Code	Only to be allocated if SCT is given.

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Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
ServiceLevel	<SvcLvl>	[0..1]	Agreement under which or rules under which the transaction should be processed.	ServiceLevelSEPA	-
Code	<Cd>	[1..1]	Identification of a pre-agreed level of service between the parties in a coded form.	ExternalServiceLevel1Code	Only code <small>SEPA</small> of the external code list is allowed.
LocalInstrument	<LclInstrm>	[0..1]	Identifies the type of direct debit.	LocalInstrumentSEPA	Only to be allocated if SDD is given.
Code	<Cd>	[1..1]	In coded form.	ExternalLocalInstrument1Code	Contains CORE (SEPA core direct debit), or B2B (SEPA B2B direct debit)
SequenceType	<SeqTp>	[0..1]	Identifies the direct debit sequence, e.g. first, recurrent, final, or one-off.	SequenceType1Code	Only to be allocated if SDD is given. Permitted values: <small>FRST</small> , <small>OOFF</small> , <small>RCUR</small> , <small>FNAL</small>
CategoryPurpose	<CtgyPurp>	[0..1]	Specifies the purpose of the instruction based on a set of pre-defined categories.	CategoryPurposeSEPA	
Code	<Cd>	[1..1]	In coded form	ExternalCategoryPurpose1Code	

Example for SDD:

```

<PmtTpInf>
  <SvcLvl>
    <Cd>SEPA</Cd>
  </SvcLvl>
  <LclInstrm>
    <Cd>CORE</Cd>
  </LclInstrm>
  <SeqTp>FRST</SeqTp>
</PmtTpInf>

```

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2.2.3.9 Mandate Related Information

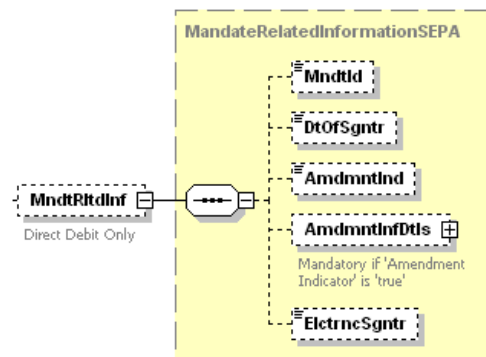


Diagram 39: pain.002.001.03, Mandate Related Information

Definition

Set of elements used to provide further details related to a direct debit mandate signed between the creditor and the debtor.

XML Tag

<MndtRltdInf>

Occurrences

[0..1]

Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
MandateIdentification	<MndtId>	[0..1]	Reference of the direct debit mandate.	Max35Text	-
DateOfSignature	<DtOfSgntr>	[0..1]	Date on which the direct debit mandate has been signed.	ISODate	-
AmendmentIndicator	<AmdmntInd>	[0..1]	Indicator notifying whether the underlying mandate is amended or not.	TrueFalseIndicator	-
AmendmentInformationDetails	<AmdmntInfDtls>	[0..1]	Refer to Fehler! Verweisquelle konnte nicht gefunden werden.		Is to be allocated if <AmdmntInd> equals TRUE.
ElectronicSignature	<ElectncSgntr>	[0..1]	Additional security provisions, e.g. digital signature.	Max1025Text	Is not to be used in case of paper-based mandates.

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Example

```
<MndtRltdInf>
  <MndtId>Mandate-Id</MndtId>
  <DtOfSgntr>2016-11-20</DtOfSgntr>
  <AmdmntInd>true</AmdmntInd>
  <AmdmntInfDtls>
    <OrgnlDbtrAcct>
      <Id>
        <Othr>
          <Id>SMNDA</Id>
        </Othr>
      </Id>
    </OrgnlDbtrAcct>
  </AmdmntInfDtls>
</MndtRltdInf>
```

2.2.3.10 Remittance Information

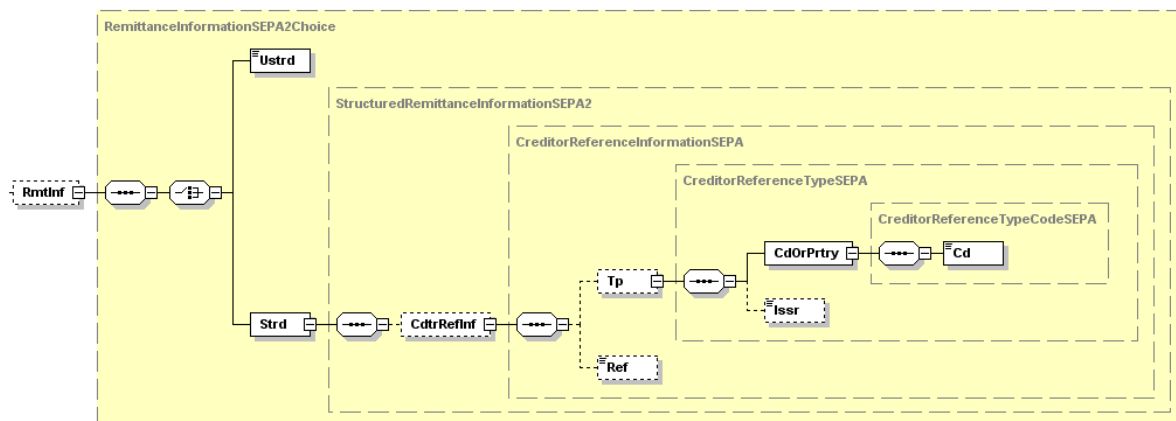


Diagram 40: pain.002.001.03, Remittance Information

Definition

Information that enables the matching, i.e. reconciliation, of a payment with the items that the payment is intended to settle, e.g. commercial invoices in an account receivable system.

XML Tag

<RmtInf>

Occurrences

[0..1]

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Rules

Name	XML Tag	Occurrences	Definition	Type	EPC-/DK-Rules
Unstructured	<Unstrd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in an unstructured form.	Max140Text	The use of the unstructured remittance information is recommended. It may carry structured remittance information, as agreed between the Creditor and the Debtor.
Structured	<Strd>	[1..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts' receivable system in a structured form.	StructuredRemittanceInformationSEPA	-
CreditorReferenceInformation	<CdtrRef-Inf>	[0..1]	Reference information provided by the creditor to allow for the identification of the underlying documents.	CreditorReferenceInformationSEPA	-
CreditorReferenceType	<CdtrRefTp>	[0..1]	Type of the reference	CreditorReference-TypeSEPA	-
CodeOrProprietary	<CdOrPrtry>	[1..1]	Specification of document type	CreditorReference-TypeCode-SEPA	
Code	<Cd>	[1..1]	Code to specify the document type	DocumentType3CodeSEPA	Only the code SCOR is allowed.
Issuer	<Issr>	[0..1]	Issuer of the reference.	Max35Text	-
CreditorReference	<CdtrRef>	[0..1]	Unique and unambiguous reference assigned by the creditor to refer to the payment transaction.	Max35Text	-

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Example

```
<RmtInf>
  <Ustrd>Unstructured Remittance Information</Ustrd>
</RmtInf>
```

2.3 Simple Types

2.3.1 String Types

This list shows the value range of simple data types in the notation of the XML schemas which are used repeatedly in different places of the specification tables. For these data types, there is either no additional DK Rule or there are references in the tables referring here.

Name	Minimum Length	Maximum Length	Pattern Value
AnyBICIdentifier	8	11	[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
BICIdentifier	8	11	[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
CountryCode	2	2	[A-Z]{2,2}
ActiveOrHistoricCurrencyCode	3	3	[A-Z]{3,3}
ActiveOrHistoricCurrencyCodeEUR	3	3	EUR
DecimalTime	9	9	[0-9]{9,9}
IBAN2007Identifier	5	34	[A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}
Max1025Text	1	1025	
Max140Text	1	140	
Max15NumericText	1	15	[0-9]{1,15}
Max35Text	1	35	
Max70Text	1	70	
RestrictedIdentificationSEPA1	1	35	([A-Za-z0-9][\+ \? \- : \(\) \.\, ']){1,35}
RestrictedPersonIdentifierSEPA	1	35	[a-zA-Z]{2,2}[0-9]{2,2}([A-Za-z0-9][\+ \? \- : \(\) \.\, ']){3,3}([A-Za-z0-9][\+ \? \- : \(\) \.\, ']){1,28}
conxml:HashSHA256	64	64	

2.3.2 String Codes

This paragraph contains the description of codes used in simple string data types in the specification tables.

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ChargeBearerTypeSEPACode

Value	Description
SLEV	Charges are to be applied following the rules agreed in the service level and/or scheme.

DocumentType3CodeSEPA

Value	Description
SCOR	Document is a structured communication reference provided by the creditor to identify the referred transaction.

SequenceType1Code

Value	Description
FRST	First collection of a series of direct debit instructions, used for regular direct debit transactions initiated by the creditor.
RCUR	Direct debit instruction where the debtor's authorisation is used for regular direct debit transactions initiated by the creditor. From November 20th 2016 a distinction between FRST and RCUR is omitted. Hence a first collection of a series of direct debit instructions can also be applied by RCUR. The German banking industry committee (DK) recommends the use of sequence type RCUR.
FNAL	Final collection of a series of direct debit instructions.
OOFF	Direct debit instruction where the debtor's authorisation is used to initiate one single direct debit transaction.

TransactionGroupStatus1CodeSEPA

Value	Description
RJCT	Payment initiation or individual transaction included in the payment initiation has been rejected.

Note on external code lists:

At the URL http://www.iso20022.org/external_code_list.page external code lists can be downloaded. The following lists are relevant to this DK specification:

Type DK-Specification	Name of code list
ExternalOrganisationIdentification1Code	9-OrganisationIdentification
ExternalPersonIdentification1Code	10-PersonIdentification
ExternalCategoryPurpose1Code	4-CategoryPurpose
ExternalPurpose1Code	11-Purpose
ExternalStatusReason1Code	16-StatusReason

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For ExternalStatusReason1Code the codes that can be used according to the EPC Implementation Guidelines are listed here (external code lists are not part of the schema verification):

Value	Description
AC01	Account identifier incorrect (i.e. invalid IBAN)
AC04	Account closed
AC06	Account blocked
AC13	The payer is a consumer
AG01 ⁴³	Direct debit forbidden on this account for regulatory reasons
AG02	Operation/transaction code incorrect.
AM01 ⁴⁴	Specified message amount is equal to zero.
AM02 ⁴⁴	Specified transaction/message amount is greater than allowed maximum.
AM04 ⁴⁵	Insufficient funds
AM05	Duplicate collection
AM07 ⁴⁴	Amount specified in message has been blocked by regulatory authorities.
AM09 ⁴⁴	Amount received is not the amount agreed or expected.
AM10 ⁴⁴	Sum of instructed amounts does not equal the control sum.
BE01	Identification of end customer is not consistent with associated account number (formerly CreditorConsistency).
BE05	Party who initiated the message is not recognised by the end customer.
BE06 ⁴⁴	End customer specified is not known at associated Sort/National Bank Code or does no longer exist in the books.
BE07 ⁴⁴	Specification of debtor's address, which is required for payment, is missing/not correct.
CNOR	Creditor bank is not registered
DNOR	Debtor bank is not registered
DT01 ⁴⁴	Invalid date (e.g. wrong settlement date).
ED05 ⁴⁴	Settlement of the transaction has failed.

⁴³ Codes must not be applied according to the SEPA agreement on national direct debits. Upon receiving this code, however, it is to be passed on to the client.

⁴⁴ These codes are not contained in the in the EPC Implementation Guidelines for the pain.002 message and they must not be applied according to the SEPA agreements on national direct debits and credit transfers - but they are possibly used by clearers.

⁴⁵ Codes must not be applied according to the SEPA agreements on national direct debits and credit transfers. Upon receiving this code, however, it is to be passed on to the client.

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Value	Description
FF01 ⁴³	Invalid data format
MD01	No valid mandate
MD02	Mandate data missing or incorrect
MD07 ⁴⁵	Debtor deceased
MS02	Refusal before settlement (by the debtor)
MS03	Reason not specified
RC01	Bank identifier incorrect (i.e. invalid BIC)
RR01 ⁴⁵	Regulatory requirements, missing account / Id of debtor
RR02 ⁴⁵	Regulatory requirements, missing name / address of debtor
RR03 ⁴⁵	Regulatory requirements, missing name / address of creditor
RR04 ⁴⁵	Regulatory requirements
SL01	Specific service of the debtor agent
TM01 ⁴³	Associated message was received after agreed processing cut-off time.

2.3.3 Decimal Types

Name	Max. total digits	Max. fraction digits	Minimal value	Maximal value
DecimalNumber	18	17	-	-
ActiveOrHistoricCurrencyAndAmountSEPA	11	2	0.01	999999999.99

According to the XML specification, a period is used as decimal separator and not a comma which is customarily used in Germany.

2.3.4 Date Types

Name	Description
ISODate	xs:date according to http://www.w3.org/TR/xmlschema-2/#date
ISODatetime	xs:dateTime according to http://www.w3.org/TR/xmlschema-2/#dateTime

2.4 Transmission of SEPA formats by means of EBICS order types

Within the EBICS procedure exactly one format is assigned to each order type of the EBICS specification, Appendix 2.

After the introduction of a new version of the SEPA customer-to-bank format, it may happen during a transitional period that customers still dispatch the previous version (with the allocation rules and especially the corresponding schema of the previous version of appendix 3). This has to be arranged bilaterally. Institutions still employing a previous version of the SEPA schema at their customer's sites are recommended by the German Banking Industry committee (DK) to support this version additionally until the next schema update.

The following outline clarifies which formats belong to which order types as well as which formats can still be used during a transitional period according to a bilateral arrangement.

During the validity period of the appendix 3 (version 3.0) on hand, the following table is in force:

Upload order type	Current SEPA format version / DK standard valid since November 20th 2016 (for version 3.0 of Appendix 3)	For information: previous version of the SEPA format provided by the DK (valid for version 2.9 Appendix 3)
CCT SEPA credit transfer	urn:iso:std:iso:20022:tech:xsd:pain.001.001.03	urn:iso:std:iso:20022:tech:xsd:pain.001.003.03
CDD SEPA core direct debit	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02	urn:iso:std:iso:20022:tech:xsd:pain.008.003.02
CD1 SEPA core direct debit with local instrument COR1	Is no longer supported.	urn:iso:std:iso:20022:tech:xsd:pain.008.003.02
CDB SEPA B2B direct debit	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02	urn:iso:std:iso:20022:tech:xsd:pain.008.003.02
CCC SEPA credit transfer (via Container)	Container: urn:conxml:xsd:container.nnn.001.02 with embedded pain.001 messages: urn:iso:std:iso:20022:tech:xsd:pain.001.001.03	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.001 messages: urn:iso:std:iso:20022:tech:xsd:pain.001.003.03
CDC SEPA core direct debit (via Container)	Container: urn:conxml:xsd:container.nnn.001.02 with embedded pain.008 messages: urn:iso:std:iso:20022:tech:xsd:pain.008.001.02	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.008 messages: urn:iso:std:iso:20022:tech:xsd:pain.008.003.02

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C1C SEPA core direct debit with local instrument COR1	Is no longer supported.	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.008 messages: urn:iso:std:iso:20022:tech:xsd: pain.008.003.02
C2C SEPA B2B direct debit (via Contai- ner)	Container: urn:conxml:xsd:container.nnn.001.02 with embedded pain.008 messages: urn:iso:std:iso:20022:tech:xsd: pain.008.001.02	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.008 messages: urn:iso:std:iso:20022:tech:xsd: pain.008.003.02

Please see the reference documents mentioned at the beginning of chapter 2.

As, for reasons of compatibility, the payment status report has to be produced in the same version when consigning SEPA formats (pain.001 and pain.008), the table continues as follows:

Download order type	Current SEPA format version / DK standard valid since November 20th 2016 (for version 3.0 of Appendix 3)	For information: previous version of the SEPA format provided by the DK (valid for version 2.9 Appendix 3)
CRZ Payment Status Report for credit trans- fer (zip)	Zip file with 1-n pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.001.03	Zip file with 1-n pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.003.03
CDZ Payment Status Report for direct debit (zip)	Zip file with 1-n pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.001.03	Zip file with 1-n pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.003.03
CRC Payment Status Report for Credit Transfer (xml Con- tainer)	Container: urn:conxml:xsd:container.nnn.001.02 with embedded pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.001.03	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.003.03
CBC Payment Status Report for Direct Debit (xml Con- tainer)	Container: urn:conxml:xsd:container.nnn.001.02 with embedded pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.001.03	Container: urn:conxml:xsd:container.nnn.003.02 with embedded pain.002 messages: urn:iso:std:iso:20022:tech:xsd: pain.002.003.03

Note: For detailed information concerning the current version of the XML container refer to chapter 9.1 in this specification.

3 Cross Border Payments

This chapter describes the conditions for the paperless processing of payments (remittances and cheque payments) which have been placed with banks in Germany in connection with foreign trade; the character sets that can be used as well as the structure of the files to be delivered are described.

The technical requirements in this chapter regarding the data exchange between customer and bank are valid since November 4th, 2013.

3.1 General procedure

The technical conditions serve the processing of cross border payments payments arising from foreign trade between customer and bank.

The electronic data transmission has to follow special agreements.

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Appendix 3: Specification of Data Formats

3.2 File Structure

(1) File name: DTAZV_(name extension is not allocated)

(2) Character Set:

Permitted Character Set ⁴⁶	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
<u>Special characters:</u>		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	" , "	X '2C'
Ampersand	"&"	X '26' ⁴⁷
Hyphen	" - "	X '2D'
Slash	" / "	X '2F'
Plus sign	" + "	X '2B'
Asterisk	" * "	X '2A' ⁴⁷
Dollar sign	" \$ "	X '24' ⁴⁷
Percent sign	" % "	X '25' ⁴⁷

The special German characters Ä, Ö and Ü are encoded as AE, OE, UE and ß as SS.

The banks are not liable for any errors on printout arising from any characters deviating from the above.

(3) File Structure: The records present in the file belong to the following types:

- Q Data header with 256 bytes (occurrence: 1)
- T Single payment order with 768 bytes (occurrences: 1 to N)
- Z Data trailer with 256 bytes (occurrence: 1)

Any deviation of structure or specification must be agreed upon separately. Wherever there are violations which lead to a program abort, especially if a record length or a data format is wrong, the bank is entitled to return the entire file unprocessed.

⁴⁶ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

⁴⁷ Not permitted at present.

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Structure of data records

Data record Q (file header)

The record contains customer-related information which applies to the entire file. There is only one header in each file.

Field	Length in bytes	1st place in record	Type of field ⁴⁸	Data format ⁴⁹	Contents	Description
1	4	1	M	num	Length of record	Length of record in accordance with standards for variable record length
2	1	5	M	alpha	Type of record	Constant "Q"
3	8	6	M	num	German bank code (BLZ)	Bank receiving the file
4	10	14	M	num	Customer number	Order number agreed with the bank receiving the file (where necessary: account number)
5	4x35	24	M	alpha	Name and address of principal	Lines 1 and 2 : Name Line 3 : Street/PO Box Line 4 : City / town
6	6	164	M	num	Date of generation	Format: YYMMDD
7	2	170	M	num	Serial number	Daily serial number
8	6	172	M	num	(First) execution date of file	Format: YYMMDD; Same or up to maximum of 15 calendar days after the date of field Q6.

⁴⁸ O = optional field; M = mandatory field; O/M = mandatory field in the case of certain criteria, N = field which must remain empty

⁴⁹ alpha = alphanumeric data (left aligned, empty spaces: blanks); num = numeric data (right aligned, empty spaces: zeros).

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Field	Length in bytes	1st place in record	Type of field ⁴⁸	Data format ⁴⁹	Contents	Description
9	1	178	M	alpha	To be sent to reporting authorities	Only 'N' allowed
10	2	179	O/M	num	Federal state number	Allocation '00' (Reserve)
11	8	181	O/M	num	Principal's (payer's) company number / (German) bank code	Allocation '00000000' (Reserve)
12	68	189	N	alpha		Reserve
	256					

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Data record T (single data record)

This single data record contains information about the transfer order to be effected. Per logical file multiple T records are possible

Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
1	4	1	num	Length of record	Length of record	M	M	
2	1	5	alpha	Type of record	Constant "T"	M	M	
3	8	6	num	German bank code (BLZ)	German Bank code of the bank section maintaining the account, to which order amount is to be debited (field T4b)	M	M	
4a	3	14	alpha	ISO currency code	For account to which order amount is to be debited	M	M	Only "EUR" permissible
4b	10	17	num	Account number	Account to be debited with order amount	M	M	
5	6	27	num	Execution date of individual payment if deviating from field Q8	Format: YYMMDD; immediately or by the date specified in field Q8 but no later than 15 calendar days after the date in field Q6; if field T5 does not contain a date, the date in Q8 is assumed to be the execution date	O	O	

⁵⁰ alpha = alphanumeric data (left aligned, empty spaces: blanks); num = numeric data (right aligned, empty spaces: zeros).

⁵¹ O = optional field; M = mandatory field; O/M = mandatory field in the case of certain criteria, N = field which must remain empty

⁵² Same day urgent payment in euro. Please note the financial-institution's individual cut-off-times for EUE-payments.

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
6	8	33	num	German bank code (<i>BLZ</i>)	Bank code of bank section maintaining the account to be debited with fees and expenses. (a value is to be allocated only if this account is different from order amount account)	O/M	O/M	
7a	3	41	alpha	ISO currency code	Currency code of the account to be debited with fees and expenses (a value is to be allocated only if this account is different from order amount account)	O/M	O/M	
7b	10	44	num	Account number	Account number of the account to be debited with fees and expenses (a value is to be allocated only if this account is different from order amount account)	O/M	O/M	
8	11	54	alpha	Bank Identifier Code (BIC) of beneficiary's payment service provider or other ID, eg Chips ID	If the payment is made to a German payment service provider, alternatively, also the German bank code of the payee's payment service provider, in which case three slashes should precede the bank code (not to be completed for cheque drawings, ie for payment type codes 20-23 and 30-33 in field T22)	O/M	M	Bank Identifier Code (BIC) is mandatory.

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
9a	3	65	alpha	Country code of payee's payment service provider	Two-letter ISO-alpha country code as per country index for the balance of payments statistics; left aligned; third place blank (mandatory field if no value es allocated to field T8 is not completed; no value is to be allocated for cheque drawings, ie for payment type codes 20-23 and 30–33 in field T22)	O/M	N	
9b	4X35	68	alpha	Address of payee's payment service provider	Mandatory field if field T8 does not contain BIC address or – for payments to a German payment service provider – it does not contain the German bank code; if address is not known, enter "UNBEKANNT" Lines 1 and 2: Name Line 3:Street Line 4:City (no value to be allocated for cheque drawings, i.e. for payment type codes 20-23 and 30-33 in field T22)	O/M	N	
10a	3	208	alpha	Country code for country of payee or cheque recipient	Two-letter ISO-alpha country code as per country index for the balance of payments statistics; left aligned, third place blank	M	M	

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
10b	4X35	211	alpha	Payee /cheque recipient	For payment orders: payee For cheque drawings: cheque recipient Lines 1 and 2: Name Line 3:Street Line 4:City / country	M	M	Mentioning the cheque recipient is not possible
11	2X35	351	alpha	Order mark	Allocated only for cheque drawings (ie for the payment type codes 20-23 and 30-33 in field T22) and if different from content of lines 1 and 2 in field T10b	O/M	N	
12	35	421	alpha	IBAN or account number of payee	IBAN or German account number of the payee, left aligned, beginning with slash. (No value to be allocated for cheque drawings, ie for payment type codes 20-23 and 30-33 in field T22)	O/M	M	Only IBAN permitted; Left aligned, beginning with slash
13	3	456	alpha	Order currency	ISO code of currency payable	M	M	Only "EUR" permissible
14a	14	459	num	Amount (digits before decimal point)	Right aligned	M	M	
14b	3	473	num	Amount (digits after decimal point)	Left aligned	M	M	
15	4X35	476	alpha	Details of payment (remittance information)		O	O	

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
16	2	616	num	Instruction code 1 (as per chapter 3.2.2)	No value to be allocated for check drawings, (i.e. for payment type codes 20-23 and 30-33 in field T22)	O	O	Only instruction codes '10', '11' and '12' from chapter 3.2.2 permissible
17	2	618	num	Instruction code 2 (as per chapter 3.2.2)	No value to be allocated for check drawings, (i.e. for payment type codes 20-23 and 30-33 in field T22)	O	O	Only instruction codes '10', '11' and '12' from chapter 3.2.2 permissible
18	2	620	num	Instruction code 3 (as per chapter 3.2.2)	No value to be allocated for check drawings, (i.e. for payment type codes 20-23 and 30-33 in field T22)	O	O	Only instruction codes '10', '11' and '12' from chapter 3.2.2 permissible
19	2	622	num	Instruction code 4 (as per chapter 3.2.2 and chapter 3.2.3)	Enter '91' in the case of "euro-equivalent payments" (see <i>Appendix 2a</i>) For cheque drawings (i.e. for payment type codes 20-23 and 30-33 in field T22), only '91' possible	O/M	O	Only instruction codes '10', '11' and '12' from chapter 3.2.2 permissible

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
20	25	624	alpha	Additional information on instruction code	For example, telex, telephone number, cable address. (No value to be allocated for cheque drawings, ie for payment type codes 20-23 and 30-33 in field T22)	O	O	Only instruction code '10' from chapter 3.2.2 permissible
21	2	649	num	Fee rule	00 = fees debited to ordering customer / third-party fees and expenses debited to payee 01 = all fees and expenses debited to principal (payer) 02 = all fees and expenses debited to payee (For transfers within the EEA in EEA currencies without currency conversion - field T4a = field T13 - only '00' is allowed) (For cheque drawings, i.e. for payment type codes 20-23 and 30-33 in field T22, only '00' is possible)	O/M	P	
22	2	651	num	Code for type of payment	As per chapter 3.2.1 Payments which do not contain either '11' or '13' as payment type code are considered general payments.	M	M	Only payment type code '11' from chapter 3.2.1 permissible

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Field	Length in bytes	1st place in record	Data format ⁵⁰	Contents	Description	Field type ⁵¹ general payments	EUE payments ⁵²	
							Field type ⁵¹	Special entry specifications
23	27	653	alpha	Variable text only for principal's (payer's) settlement purposes	Principal (payer) may allocate a value at his discretion (eg reference number). This is not forwarded; use T15 for data to be forwarded. No more than 16 bytes are transmitted to the electronic account statement. (only after consultation with the bank)	O	O	
24	35	680	alpha	Name and telephone number and name of deputy, if any	Person to contact at principal's company if paying bank/reporting authority has questions relating to payment order. Then, if principal is not the party liable for payment: 'INVF', followed directly (without space) by: the federal state number (2 digits) and the company code or German bank code (8 digits) of party liable for payment	O/M	O/M	
25	1	715	num	Reporting code	Allocation '0' (Reserve)	N	N	
26	51	716	alpha		Reserve	N	N	
27	2	767	num	Extension identifier	00 = No further report parts (only '00' allowed)	M	M	
	768							

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Data record Z (trailer)

The trailer serves the purpose of reconciliation. There is only one trailer per logical file.

Field	Length in bytes	1st place in record	Field type ⁵³	Data format ⁵⁴	Contents	Description
1	4	1	M	num	Length of record	Length of record
2	1	5	M	alpha	Type of record	Constant "Z"
3	15	6	M	num	Sum total of all amounts (no decimal places)	Sum of all amounts in field T14a (all currencies)
4	15	21	M	num	Number of T data records	
5	221	36	N	alpha		Reserve
	256					

⁵³ O = optional field; M = mandatory field; O/M = mandatory field in the case of certain criteria, N = field which must remain empty

⁵⁴ alpha = alphanumeric data (left aligned, empty spaces: blanks); num = numeric data (right aligned, empty spaces: zeros).

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3.2.1 Codes for identifying type of payment

Agreed between parties	00 = Standard transmission (eg letter, standard SWIFT.)	
	10 = urgent SWIFT.	
	11 = Urgent payment in euro on same day (EUE payment) ⁵⁵	
	15 = Cross-border transfer, in accordance with a bilateral agreement with the bank	
	20 = Cheque drawing, any form of dispatch	
	21 = Cheque drawing, sent by registered mail	
	22 = Cheque drawing, sent by special delivery	
	23 = Cheque drawing, sent by registered /express mail	
	30 = Cheque drawing to principal, any form of dispatch	
	31 = Cheque drawing to principal, sent by registered mail	
	32 = Cheque drawing to principal, sent by special delivery	
	33 = Cheque drawing to principal, sent by registered /express mail	
Reserved for intercompany purposes	34	42
	35	43
	36	44
	37	45
	38	46 initially empty
	39	47
	40	48
Internal	41	49
	50	62
	51	63
	52	64
	53	65
	54	66
	55	67
	56	68
	57	69
	58	70
	59	bis
	60	99
	61	

3.2.2 Instruction codes for payments – Value

Key DTAZV	Key SWIFT MT103	Unencrypted text	Cannot be combined with the following instruction codes
02	CHQB	Pay payee only by cheque. The optional account number line in field 59 (MT103) must not be used	04, 11, 12
04	HOLD	Payee /claimant will call; pay upon identification.	02, 11, 12

⁵⁵ Please note the special cut-off times for EUE payments.

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Key DTAZV	Key SWIFT MT103	Unencrypted text	Cannot be combined with the following instruction codes
06	PHON	Please advise payee's payment service provider by phone.	07
07	TELE	Please advise payee's payment service provider by the most efficient means of telecommunication.	06
09	PHOB	Please advise payee by phone.	10
10	TELB	Please advise payee by the most efficient means of telecommunication	09
11	CORT	Payment is made in settlement of a trade, eg foreign exchange deal, securities transaction.	02, 04
12	INTC	The payment is an intra-company payment, ie a payment between two companies belonging to the same group.	02, 04
91		Euro equivalent payment: (usage permitted only in field T 19, see chapter 3.2.3)	

3.2.3 Instruction codes for "Euro equivalent payments"

Not allowed for same-day urgent payments in euro (EUE payments), i.e. for payment type code '11' in field T22)

The instruction "Euro equivalent payment" may be given only in field T19.

T19 = 91 = euro equivalent payment

The amount given in fields T14a and T14b is the euro amount which is converted into the currency indicated in field T13 and paid in this currency to the payee or cheque recipient. A euro equivalent payment can be made only to the debit of an euro account.

4 Securities Business

Annotation:

Since the “DFÜ agreement” does not require all SWIFT. formats, the present chapter does not attempt to give a complete description of SWIFT., but only modifications to the format rules. Fields that are not needed have either a constant value assigned or are left blank. Nonetheless, any data record generated in accordance with these instructions will be in compliance with the SWIFT formats.

General syntax usage rules

1. Lines with a shaded background mark the start of a new field or sequence. The status and number information in those lines refers to the entire field or sequence.
2. If an optional field or sequence is left unassigned, then the entire field or sequence must be left out.
3. If several options are possible for a given field, then the code for that option replaces the lower-case letter given with the field number. (For example, field :90a: with option C becomes :90C:).
4. Tags are separated by <CR><LF> (ASCII: X'0D0A')
5. A message or partial message is terminated with <CR><LF><--> (ASCII: X'0D0A2D').
6. The data record begins with a leading <CR><LF> in front of the tag in the first field.
7. The contents of a field must not contain a colon or hyphen at the start of a record.
8. There is no need to verify compliance with the length limitations that SWIFT. specifies for SWIFT. messages.
9. The SWIFT. character set (see below) should be followed. However, in order to avoid problems with third party data which are set in the SWIFT. formats and use another character set (for instance WM security categories in field :35B:), the receiving system should until further notice not reject any further orders which violate these requirements.
10. When using date specifications consisting of six digits (i.e. YYMMDD) between the 20th and the 21st century the following distinction has to be made:
 - If the year (YY) is greater than 79 the date refers to the 20th century. If the year is less than 79 the date refers to the 21st century.
 - If YY > 79 then YYMMDD = 19YYMMDD
 - else YYMMDD = 20YYMMDD
 - Thus, the 6-digit date specifications comprise the years from 1980 to 2079.

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Formats

Code	Name	Definition
a	alpha	Any alphabet character from A to Z is allowed.
c	character	Any character from "A" to "Z" and "0" to "9" is allowed.
d	decimal	A floating-point number. The integer part must contain at least one position. A decimal character (comma) must be included (it is counted against the maximum length).
n	numeric	Any numeral from 0 to 9 is allowed.
x	alpha numeric	Any member of the set of SWIFT. characters is allowed

Character Set



Before processing, the bank must perform an ASCII-EBCDIC conversion if necessary.

The SWIFT character set applies for all SWIFT. formats unless otherwise defined.

The SWIFT. character set is a subset of ISO 8859:

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0											LF			CR		
1																
2	SP	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
3	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
6	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
7	p	q	r	s	t	u	v	w	x	y	z	{		}	~	
8																
9																
A		ı	ç	£	¤	¥	ı	§	¨	©	ª	«	¬		®	¯
B	°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿
C	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
D	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
E	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
F	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

Although the brace characters are part of the set and are used for delimiting fields, they may not be used in the text of a message sent from one user to another.

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Appendix 3: Specification of Data Formats

4.1 MT 513 Client Advice of Execution

"Client Advice of Execution"; based on SWIFT. "Standards Release Guide"
(last amendment incorporated SRG 1998)

- **Overview** (without constant fields)

Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus ⁵⁶	Contents
A			M	General information
		:98C:	O	Date/time when message was created
B	B1		O	Partial fill and/or recap details
			O	Partial fill details
		:36B:	M	Quantity of securities for which a partial trade or sale is confirmed
		:90a:	M	Closing rate/trading price of the partial trade (specified as amount or percentage)
		:22F:	O	Type of price which is designated in the closing price
		:98C:	O	Date/time of the trading
		:94B:	O	Stock exchange where the partial trade was carried out or is intended to be carried out
		:36B:	M	Total quantity ordered
		:36B:	M	Quantity which has already been executed
		:36B:	M	Quantity which remains as an order
			M	Details of orders
		:98a:	M	Date/time of the trading
		:90a:	M	Closing price/trading price (specified as amount or percentage)
C		:99A:	O	Number of the accrued days which are used for the calculation of the accrued interest
		:94B:	O	Stock exchange where the order is traded
		:22H:	M	Sale/Purchase
		:22F:	O	Type of price
		:22F:	O	Conditions of the trade transaction
		C1	M	Parties to the confirmation
		:95Q:	M	Identification of the executing institute (field does not have to be evaluated by the customer system)
		:97A:	O	Securities deposit account of the customer
		:97A:	O	Cash/clearing account of the customer
		:70E:	O	Additional information on execution
		:36B:	M	Quantity of securities
		:35B:	M	Reference number (ISIN or WKN) and identification of the security
	C2		O	Attributes for the financial instrument
		:22F:	O	Methods for calculating interest
		:22F:	O	Type of securities
		:22F:	O	Frequency of payment
		:22F:	O	Preferentials for entries

⁵⁶ M = mandatory field, O = optional field

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Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus ⁵⁶	Contents
		:22F:	O	Status of payment
		:22F:	O	Restrictions
		:11A:	O	Currency of the face amount (currency in which the quantity of securities is specified as face amount in C1, field :36B:)
		:98A:	O	Dates: <ul style="list-style-type: none"> • Next coupon date • Expiry date • Reset date for a floating rate note • Maturity date • Issue date (issue date of the security) • Cancellation date • Conversion date • Put date • Date from which a fixed-interest security bears interest
		:92A:	O	Factors and interest rates for fixed-interest securities
		:13B:	O	<ul style="list-style-type: none"> • Coupon number • Pool number • Proportion number • Version number of the options contract or the tranche
		:70E:	O	Additional information on security (e.g. type of safekeeping account, type of custodianship, safekeeping account key)
		:13B:	O	Certificate number

Guidelines for entries

Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ⁵⁷	Len- gth	Sta- tus ⁵⁸	Qu- an- tity	Contents/Explanations
A	A		General information			M	1	
A		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"GENL"
A		:20C:	Sender's reference			M	1	
			Tag			M	1	":20C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SEME"

⁵⁷ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁵⁸ M = mandatory field, O = optional field

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
A			Constant			M	1	"//"
			Reference	x	..16	M	1	"NONREF"
		:23G:	Function of the message			M	1	
			Tag			M	1	":23G:"
			Function	c	4	M	1	"NEWM"
	A	:98C:	Creation date/time			O	1	
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PREP"
			Constant			M	1	"//"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
	A	:22F:	Indicator: type of trade transaction			M	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRTR"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"TRAD"
	A1		Linkages			O	1	
		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"LINK"
		:20C:	Sender's reference			M	1	
			Tag			M	1	":20C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"RELA"
			Constant			M	1	"//"
			Reference	x	..16	M	1	"0000000000000000"
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"LINK"
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"GENL"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
B	B		Partial fill and/or recap details			O	1	Only to be filled in in the case of partial fill If an order has already been partly executed and the remainder of the order is executed, this remainder should be treated like a partial fill; i.e. in the case of the execution of the remainder, all previous partial executions are to be listed in part B and the details of the total order in part C.
			:16R: Start of block			M	1	
			Tag			M	1	":16R:"
	B1		Code	c	..16	M	1	"RCAP"
			Partial fill details			O	1..n	
			:16R: Start of block			M	1	
	B1		Tag			M	1	":16R:"
			Code	c	..16	M	1	"PAFILL"
			:36B: Quantity of financial instrument partially filled			M	1	
	B1		Tag			M	1	":36B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"PAFI"
			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
			:90a: Closing price/trading price of the partial trade			M	1	
			Option A:					If the price is a percentage
			Tag			M	1	":90A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"/"
			Type	c	4	M	1	"PRCT"
			Constant			M	1	"/"
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency.
			Option B:					If the price is an amount

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
	B1		Tag			M	1	":90B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"//"
			Type	c	4	M	1	"ACTU"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 currency code
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency.
		:22F:	Indicator: type of price			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"AVER" = price in B1:90a: is an average execution price in the case of partial execution "NET1" = price in B1:90a: is a net price, i.e. without fees, expenses and taxes
		:98C:	Date/time of the trading			O	1	
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"//"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
		:94B:	Place of trade			O	1	Name of exchange
			Tag			M	1	":94B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"//"
			Place	c	4	M	1	"EXCH" = the place of trade is an exchange (in case of exchange-traded securities) "OTCO" = the place of trade is over the counter (e.g. in case of investment funds)
			Constant			M	1	"//"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
B	B1	:16S:	Narrative	x	..30	M	1	If EXCH is assigned, the name of the exchange (MIC) must be given in the narrative. If OTCO is used, the name of the system or "AUSSERBOERSLICH" (if name is not known or in the case of fixed-price transactions) or "SUBSCRIPTION" (in the case of subscription)
			End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"PAFILL"
	B	:36B:	Quantity of the financial instrument			M	1	Total quantity ordered
			Tag			M	1	":36B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"ORDR"
			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
	B	:36B:	Quantity of the financial instrument			M	1	Quantity which has already been executed
			Tag			M	1	":36B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"PREX"
			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
	B	:36B:	Quantity of the financial instrument			M	1	Quantity which remains as an order
			Tag			M	1	":36B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"REMA"
			Constant			M	1	"/"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
B			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"RCAP"
C	C	:16R:	Details of order			M	1	
			Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"ORDRDET"
		:98a:	Date/time			M	1	Date/time of the trading
			Option A:					if there are partial executions within one day
			Tag			M	1	":98A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option B:					if there are partial executions over several days
			Tag			M	1	":98B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Date code	c	4	M	1	"VARI"
			Option C:					if there is no partial execution
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
	C	:90a:	Closing price/trading price			M	1	If there are partial executions, either an average price or the value '0' can be specified here
			Option A:					if the price is a percentage
			Tag			M	1	":90A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"/"
			Type	c	4	M	1	"PRCT"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
C			Constant			M	1	"/"
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency
			Option B:		If the price is an amount			
			Tag			M	1	":90B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"/"
			Type	c	4	M	1	"ACTU"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 currency code
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency
	:99A:		Number of the accrued days			O	1	
			Tag			M	1	":99A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DAAC"
			Constant			M	1	"/"
			Sign	a	1	O	1	"N" (only if the number of the day is negative)
			Number	n	3	M	1	Where applicable to be filled with leading zeros
	:94B:		Place of trade			O	1	Name of exchange (the field is not filled in if partial executions have been carried out at different stock exchanges)
			Tag			M	1	":94B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Place	c	4	M	1	"EXCH" = the place of trade is an exchange (for exchange-traded securities) "OTCO" = Over the counter (e.g. for investment fund)
			Constant			M	1	"/"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
C			Narrative	x	..30	M	1	If EXCH is assigned, the name of the exchange (MIC) must be given in the narrative, in plain text. If OTCO is used, the name of the system or "AUSSERBOERSLICH" (if name is not known or in the case of fixed-price transactions) or "SUBSCRIPTION" (in the case of subscription)
		:22H:	Indicator: sale/purchase			M	1	
			Tag			M	1	":22H:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"BUSE"
			Constant			M	1	"//"
	C		Indicator	c	4	M	1	"BUYI" = buy "SELL" = sell
		:22F:	Indicator: type of price			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"//"
	C		Indicator	c	4	M	1	"AVER" = price in C:90a: is an average execution price in the case of partial execution "NET1" = price in C:90a: is a net price, i.e. without fees, expenses and taxes
		:22F:	Indicator: conditions of the trade transaction			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TTCO"
			Constant			M	1	"//"
	C		Indicator	c	4	M	1	"CBNS" = cum bonus "CCPN" = cum coupon "CDIV" = cum dividend "CRTS" = cum rights "XBNS" = ex bonus "XCPN" = ex coupon "XDIV" = ex dividends "XRTS" = ex warrant
		:22H:	Indicator: method of payment			M	1	
			Tag			M	1	":22H:"
			Constant			M	1	":."

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
C	C1	:16R:	Qualifier	c	4	M	1	"PAYM"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"APMT"
			Parties to the confirmation			M	1	
			Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"CONFPRTY"
			Party			M	1	Executing bank
			Tag			M	1	":95Q:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"INVE"
			Constant			M	1	"//"
			Name and address	x	..35	M	1	German bank code or BIC code of the executing bank
			Account			O	1	Securities account
			Tag			M	1	":97A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SAFE"
			Constant			M	1	"//"
			Account	x	..35	M	1	Bank code followed by "/" and the account number
			Account			O	1	Cash/clearing account
			Tag			M	1	":97A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"CASH"
			Constant			M	1	"//"
			Account	x	..35	M	1	German bank code followed by "/" and the German account number
			Narrative for individual explanations			O	1	Additional information on execution
			Tag			M	1	":70E:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DECL"
			Constant			M	1	"//"
			Narrative	x	..35	M	1..10	The lines are separated by <CR><LF>.
			End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"CONFPRTY"
			Quantity of the displayed financial instruments			M	1	If there are partial executions, the sum of the partial executions must be specified in sequence B
			Tag			M	1	":36B:"
			Constant			M	1	":."

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
C			Qualifier	c	4	M	1	"ADVI"
			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
			:35B: ID of the financial instrument			M	1	Either the ISIN or the WKN or both have to be specified.
			Tag			M	1	":35B:"
			Constant			O	1	"ISIN" (only if ISIN is specified)
			Constant			O	1	" " (blanks, only if ISIN is specified)
			ISIN ID	x	..12	M	1	If no ISIN is used "/DE/", followed by the German securities ID number (WKN) must be specified.
			Constant			M	1	<CR><LF>
			Narrative	x	..35	M	1..4	Securities ID If ISIN and WKN are both specified, the WKN must be set in the first line and the name in the lines 2-4. The lines are separated by <CR><LF>.
	C2		Attributes for the financial instrument			O	1	
	C2	:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"FIA"
	C2	:22F:	Indicator: method for calculating interest			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"MICO"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"A001" = 30/360 "A002" = 30/365 "A003" = 30/actual "A004" = actual/360 "A005" = actual/365 "A006" = actuell/actual or 1/1 "A007" = 30E/360 or Eurobond basis

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
	C2	:22F:	Indicator: Type of securi- ties			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"FORM"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"BEAR" = bearer security "REGD" = registered in- strument
	C2	:22F:	Indicator: frequency of payment			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PFRE"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"ANNU" = annually "MNTH" = monthly "QUTR" = quarterly "SEMI" = half-yearly "WEEK" = weekly
	C2	:22F:	Indicator: preferentials for entries			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PREF"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"ORDN" = common stock "PRFD" = the security has a preferred right to earn- ings and investments
	C2	:22F:	Indicator: status of pay- ment			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PAYS"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"FULL" = completely paid "NILL" = nothing paid "PART" = partially paid
	C2	:22F:	Indicator: restrictions			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"REST"
			Constant			M	1	"//"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
			Indicator	c	4	M	1	"144A" = non-registered security in accordance with the statutory re-strictions 144A in the USA "NRST" = ownership or transfer is not subject to any restrictions "RSTR" = ownership or transfer is subject to re-strictions (not in accord-ance with 144A)
	C2	:11A:	Currency			O	1	Currency of the face amount
			Tag			M	1	":11A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DENO"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 code
	C2	:98A:	Date			O	n	Dates
			Tag			M	1	":98A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"COUP" = Next coupon date "EXPI" = Expiry date "FRNR" = Reset date for a floating rate note "MATU" = Maturity date "ISSU" = Issue date (issue date of the security) "CALD" = Call date (can-cellation date) "CONV" = Conversion date "PUTT" = Put date "DDTE" = Dated date (date from which a fixed-interest security bears interest)
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
	C2	:92A:	Rate/record			O	n	Factors and interest rates for fixed-interest securities
			Tag			M	1	":92A:"
			Constant			M	1	":."

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 57	Len- gth	Sta- tus 58	Qu- an- tity	Contents/Explanations
			Qualifier	c	4	M	1	<p>"PRFC" = Previous factor as decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond</p> <p>"CUFC" = Current factor as a decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond</p> <p>"NWFC" = Next factor as decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond</p> <p>"INTR" = interest rate (1.: Ratio of interest rate paid during a specific period of time to the principal amount of the fixed-interest security; 2.: Current interest rate of a note with variable rate of interest)</p> <p>"NXRT" = Next interest rate (in the case of a note with variable rate of interest, which applies to the next payment period)</p>
			Constant			M	1	"/"
			Sign	a	1	O	1	"N" (only if the amount is negative)
			Rate/record	d	..15	M	1	
	C2	:13B:	Numerical ID			O	n	
			Tag			M	1	"-13B:"
			Constant			M	1	"-"

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ⁵⁷	Len- gth	Sta- tus ⁵⁸	Qu- an- tity	Contents/Explanations
C	C2		Qualifier	c	4	M	1	"COUP" = Coupon number (number of the next coupon on the coupon sheet) "POOL" = Pool number (number which is assigned by an issuer of an asset-backed security (USA), in order to indicate the group of encumbrances upon real property) "LOTS" = Lot number (numerical ID of a proportion of a security issue) "VERN" = Version number of the options contract or the tranche
			Constant			M	1	"/"
			Number	x	..30	M	1	
		:70E:	Narrative on attributes of the financial instrument			O	1	
			Tag			M	1	":70E:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"FIAN"
			Constant			M	1	"/"
			Narrative	x	..35	M	1..10	The lines are separated by <CR><LF>.
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"FIA"
		:13B:	Certificate number			O	n	
			Tag			M	1	":13B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"CERT"
			Constant			M	1	"/"
			Number	x	..30	M	1	Certificate number
C	:16S:		End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"ORDRDET"

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Appendix 3: Specification of Data Formats

- Examples**

Example: Buy without partial execution:

Se- quen- ce	Sub- se- quen- ce	Example
A		:16R:GENL :20C::SEME//NONREF :23G:NEWM :98C::PREP//19990305122030 :22F::TRTR//TRAD
	A1	:16R:LINK :20C::RELA//0000000000000000 :16S:LINK
		:16S:GENL
C		:16R:ORDRDET :98C::TRAD//19990302112030 :90B::DEAL//ACTU/EUR52,7 :94B::TRAD//EXCH/XFRA :22H::BUSE//BUYI :22F::PRIC//NET1 :22F::TTCO//CBNS :22H::PAYM//APMT
	C1	:16R:CONFPTY :95Q::INVE//10020030 :97A::SAFE//10020030/1234567 :97A::CASH//10020030/987654321 :16S:CONFPTY
		:36B::ADVI//UNIT/50, :35B:/DE/123456 Sample Company, common stock

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
	C2	:16R:FIA :22F::FORM//BEAR :16S:FIA
		:16S:ORDRDET -

Example: Sell with two partial executions at a price of 52 Euro in the case of 50 units and 54 Euro in the case of 30 units:

Se- quen- ce	Sub- se- quen- ce	Example
A		:16R:GENL :20C::SEME//NONREF :23G:NEWM :98C::PREP//19990305122030 :22F::TRTR//TRAD
	A1	:16R:LINK :20C::RELA//0000000000000000 :16S:LINK
		:16S:GENL
B		:16R:RCAP
	B1	:16R:PAFILL :36B::PAFI//UNIT/50, :90B::DEAL//ACTU/EUR52, :22F::PRIC//NET1 :98C::TRAD//19990302112030 :94B::TRAD//EXCH/XFRA :16S:PAFILL

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
	B1	:16R:PAFILL :36B::PAFI//UNIT/30, :90B::DEAL//ACTU/EUR54, :22F::PRIC//NET1 :98C::TRAD//19990302112101 :94B::TRAD//EXCH/XFRA :16S:PAFILL
		:36B::ORDR//UNIT/300, :36B::PREX//UNIT/120, :36B::REMA//UNIT/100, :16S:RCAP
C		:16R:ORDRDET :98A::TRAD//19990302 :90B::DEAL//ACTU/EUR52,75 :94B::TRAD//EXCH/XFRA :22H::BUSE//SELL :22F::PRIC//AVER :22F::TTCO//CCPN :22H::PAYM//APMT
	C1	:16R:CONFPTY :95Q::INVE//10020030 :97A::SAFE//10020030/1234567 :97A::CASH//10020030/987654321 :16S:CONFPTY
		:36B::ADVI//UNIT/80, :35B:ISIN DE0123456789 /DE/123456 Sample Company, common stock

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
	C2	:16R:FIA :22F::FORM//BEAR :13B::COUP//1234567 :16S:FIA
		:13B::CERT//1234567890 :16S:ORDRDET -

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Appendix 3: Specification of Data Formats

4.2 MT 515 Client Confirmation of Purchase or Sale

„Client Confirmation of Purchase or Sale“; based on SWIFT. "Standards Release Guide" (last amendment incorporated SRG 1998)

- **Overview** (without constant fields)

Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus ⁵⁹	Contents
A			M	General information
		:98C:	O	Date/time when message was created
B			O	Details of partial fulfilment
		:36B:	M	Quantity of securities for which a partial trade or partial sale has been made
		:90a:	M	Closing price/trading price of the partial trade (specified as amount or percentage)
		:22F:	O	Type of price which is designated in the closing price
		:98C:	O	Date/time of the trading
		:94B:	O	Stock exchange where the partial trade is carried out or is intended to be carried out
C			M	Details of confirmation
		:98a:	M	Date/time of the trading
		:98C:	M	Date/time of the settlement
		:90a:	M	Closing price/trading price (specified as amount or percentage)
		:99A:	O	Number of the accrued days which are used for the calculation of the accrued interest
		:94B:	O	Stock exchange where the order is traded
		:19A:	M	Settlement amount (including fees, expenses, etc.)
		:22H:	M	Sale/Purchase
		:22F:	O	Type of price
		:22F:	O	Conditions of the trade transaction
	C1		M	Parties to the confirmation
		:95Q:	M	Identification of the executing institute (field does not have to be evaluated by the customer system)
		:97A:	O	Securities deposit account of the customer
		:97A:	O	Cash/clearing account of the customer
		:70E:	O	Additional information on execution
		:36B:	M	Quantity of securities
		:35B:	M	Reference number (ISIN or WKN) and category description of the security
	C2		O	Attributes for the financial instrument
		:22F:	O	Methods for calculating interest
		:22F:	O	Type of securities
		:22F:	O	Frequency of payment

⁵⁹ M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus 59	Contents
		:22F:	O	Preferentials for entries
		:22F:	O	Status of payment
		:22F:	O	Restrictions
		:11A:	O	Currency of the face amount (currency in which the quantity of securities is specified as face amount in C1, field :36B:)
		:98A:	O	Dates: <ul style="list-style-type: none">• Next coupon date• Expiry date• Reset date for a floating rate note• Maturity date• Issue date (issue date of the security)• Cancellation date• Conversion date• Put date• Date from which a fixed-interest security bears interest
		:92A:	O	Factors and interest rates for fixed-interest securities
		:13B:	O	<ul style="list-style-type: none">• Coupon number• Pool number• Lot number• Version number of the options contract or the tranche
		:70E:	O	Additional information on security (e.g. type of safekeeping account, type of custodianship, safekeeping account key)
			:13B:	O
D			O	Settlement details
	D3		O	Amounts
		:19A:	M	Cash amounts (taxes, fees, expenses, broker's commission, etc.)
		:98A:	O	Value date (date when the money transfer must take place)
		:92B:	O	Exchange rate (is used for converting cash amounts from field :19A: in the sequences C and D3)

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Appendix 3: Specification of Data Formats

- Guidelines for Entries**

Se- quence	Sub- sequence	Tag	Name	For- mat ⁶⁰	Len- gth	Sta- tus ⁶¹	Qu- an- tity	Contents/Explanations
A			General information			M	1	
A		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"GENL"
A		:20C:	Sender's reference			M	1	
			Tag			M	1	":20C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SEME"
			Constant			M	1	"//"
			Reference	x	..16	M	1	"NONREF"
A		:23G:	Messagefunction			M	1	
			Tag			M	1	":23G:"
			Function	c	4	M	1	"NEWM"
A		:98C:	Creation day/time			O	1	
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PREP"
			Constant			M	1	"//"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
A		:22F:	Indicator: type of trade transaction			M	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRTR"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"TRAD"
A1			Connections			M	1	
A1		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"LINK"
A1		:20C:	Sender's reference			M	1	
			Tag			M	1	":20C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"RELA"
			Constant			M	1	"//"

⁶⁰ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁶¹ M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
A	A1		Reference	x	..16	M	1	"0000000000000000"
		:16S:	End of block			M	1	
			Tag			M	1	".:16S:"
			Code	c	..16	M	1	"LINK"
		:16S:	End of block			M	1	
			Tag			M	1	".:16S:"
			Code	c	..16	M	1	"GENL"
	B		Partial fill details			O	1..n	Only to be filled in in the case of a partial fill
	B	:16R:	Start of block			M	1	
B			Tag			M	1	".:16R:"
			Code	c	..16	M	1	"PAFILL"
		:36B:	Quantity of financial instrument partially filled			M	1	
			Tag			M	1	".:36B:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"PAFI"
			Constant			M	1	"//"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
		:90a:	Closing price/trading price of the partial trade			M	1	
		Option A: if the price is a percentage						
			Tag			M	1	".:90A:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"//"
			Type	c	4	M	1	"PRCT"
			Constant			M	1	"/"
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency.
		Option B: If the price is an amount						
			Tag			M	1	".:90B:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"//"
			Type	c	4	M	1	"ACTU"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 currency code
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency.

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
B		:22F:	Indicator: type of price			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"AVER" = price in B:90a: is an average execution price in the case of partial execution "NET1" = price in B:90a: is a net price, i.e. without fees, expenses and taxes
B		:98C:	Date/time of the trading			O	1	
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
B		:94B:	Time	n	6	M	1	hhmmss
			Place of trade			O	1	
			Tag			M	1	":94B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Place	c	4	M	1	"EXCH" = the place of trade is an exchange (in case of exchange-traded securities) "OTCO" = the place of trade was over the counter) (e.g. in case of an investment fund)
			Constant			M	1	"/"
B		:16S:	Narrative	x	..30	M	1	If EXCH is assigned, the name of the exchange (MIC) must be given in the narrative, in plain text. If OTCO is used, the name of the system or "AUSSERBOERSLICH" (if name is not known or in the case of fixed-price transactions) or "SUBSCRIPTION" (in the case of subscription)
			End of block			M	1	
			Tag			M	1	":16S:"
C			Code	c	..16	M	1	"PAFILL"
			Details of confirmation			M	1	
C		:16R:	Start of block			M	1	

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Se- qu- ence	Sub- sequence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations	
C			Tag			M	1	".:16R:"	
			Code	c	..16	M	1	"CONFDET"	
		:98a:	Date/time			M	1	Date/time of the trading	
			Option A:						If there are partial execu- tions within one day
			Tag			M	1	".:98A:"	
			Constant			M	1	".:"	
			Qualifier	c	4	M	1	"TRAD"	
			Constant			M	1	"//"	
			Date	n	8	M	1	YYYYMMDD	
			Option B:						If there are partial execu- tions over several days
			Tag			M	1	".:98B:"	
			Constant			M	1	".:"	
			Qualifier	c	4	M	1	"TRAD"	
			Constant			M	1	"//"	
			Date code	c	4	M	1	"VARI"	
			Option C:						If there is no partial execu- tion
			Tag			M	1	".:98C:"	
			Constant			M	1	".:"	
			Qualifier	c	4	M	1	"TRAD"	
			Constant			M	1	"//"	
			Date	n	8	M	1	YYYYMMDD	
			Time	n	6	M	1	hhmmss	
C	:98C:	Date/time			M	1	Date/time of the settlement		
		Tag			M	1	".:98C:"		
		Constant			M	1	".:"		
		Qualifier	c	4	M	1	"SETT"		
		Constant			M	1	"//"		
		Date	n	8	M	1	YYYYMMDD		
		Time	n	6	M	1	hhmmss		
C	:90a:	Closing price/trading price			M	1	If there are partial execu- tions, either an average price or the value '0' can be specified here.		
		Option A:						If the price is a percentage	
		Tag			M	1	".:90A:"		
		Constant			M	1	".:"		
		Qualifier	c	4	M	1	"DEAL"		
		Constant			M	1	"//"		
		Type	c	4	M	1	"PRCT"		
		Constant			M	1	"/"		
		Price	d	..15	M	1	The number of decimal digits is not validated against the currency.		
		Option B:						If the price is an amount	

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
C			Tag			M	1	":90B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DEAL"
			Constant			M	1	"/"
			Type	c	4	M	1	"ACTU"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 currency code
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency
	:99A:		Number of the accrued days			O	1	
			Tag			M	1	":99A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DAAC"
			Constant			M	1	"/"
			Sign	a	1	O	1	"N" (only if the number of days is negative)
			Number	n	3	M	1	To be filled with leading zeros where applicable
C	:94B:		Place of trade			O	1	Name of exchange (the field is not filled in if partial executions have been carried out at different stock exchanges)
			Tag			M	1	":94B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAD"
			Constant			M	1	"/"
			Place	c	4	M	1	"EXCH" = the place of trade is an exchange (in case of exchange-traded securities) "OTCO" = the place of trade is over the counter (e.g. in case of an investment fund)
			Constant			M	1	"/"
			Narrative	x	..30	M	1	If EXCH is assigned, the name of the exchange (MIC) must be given in the narrative, in plain text. If OTCO is used, the name of the system or "AUSSERBOERSLICH" (if name is not known or in the case of fixed-price transactions) or "SUBSCRIPTION" (in the case of subscription)

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
C	:19A:	Settlement amount				M	1	including fees, expenses, etc.
		Tag				M	1	":19A:"
		Constant				M	1	":."
		Qualifier	c	4		M	1	"SETT"
		Constant				M	1	"//"
		Sign	a	1		O	1	"N" (only if the amount is negative)
		Currency code	a	3		M	1	ISO 4217 code
		Amount	d	..15		M	1	
	:22H:	Indicator: sale/purchase				M	1	
		Tag				M	1	":22H:"
		Constant				M	1	":."
		Qualifier	c	4		M	1	"BUSE"
		Constant				M	1	"//"
		Indicator	c	4		M	1	"BUYI" = buy "SELL" = sell
C	:22F:	Indicator: type of price				O	1	
		Tag				M	1	":22F:"
		Constant				M	1	":."
		Qualifier	c	4		M	1	"PRIC"
		Constant				M	1	"//"
		Indicator	c	4		M	1	"AVER" = price in C:90a: is an average execution price in the case of partial execution "NET1" = price in C:90a: is a net price, i.e. without fees, expenses and taxes
C	:22F:	Indicator: conditions of the trade transaction				O	1	
		Tag				M	1	":22F:"
		Constant				M	1	":."
		Qualifier	c	4		M	1	"TTCO"
		Constant				M	1	"//"
		Indicator	c	4		M	1	"CBNS" = cum bonus "CCPN" = cum coupon "CDIV" = cum dividend "CRTS" = cum rights "XBNS" = ex bonus "XCPN" = ex coupon "XDIV" = ex dividends "XRTS" = ex rights
C	:22H:	Indicator: method of payment				M	1	
		Tag				M	1	":22H:"
		Constant				M	1	":."
		Qualifier	c	4		M	1	"PAYM"

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Se- qu- ence	Sub- sequence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
C	C1		Constant			M	1	"/"
			Indicator	c	4	M	1	"APMT"
		C1	Parties to the confirmation			M	1	
		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"CONFPRTY"
		:95Q:	Party			M	1	Executing institution
			Tag			M	1	":95Q:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"INVE"
			Constant			M	1	"/"
			Name and address	x	..35	M	1	German bank code or BIC code of the executing institution
		:97A:	Account			O	1	Securities account
			Tag			M	1	":97A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"SAFE"
			Constant			M	1	"/"
			Account	x	..35	M	1	German bank code followed by "/" and the German account number
		:97A:	Account			O	1	Cash/clearing account
			Tag			M	1	":97A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"CASH"
			Constant			M	1	"/"
			Account	x	..35	M	1	German bank code followed by "/" and the German account number
		:70E:	Narrative for individual explanations			O	1	
			Tag			M	1	":70E:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"DECL"
			Constant			M	1	"/"
			Narrative	x	..35	M	1..10	The lines are separated by <CR><LF>.
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"CONFPRTY"
		:36B:	Quantity of the financial instrument confirmed			M	1	If there are partial executions, the sum of the partial executions must be specified in sequence B.
			Tag			M	1	":36B:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"CONF"

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
C			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
		:35B:	ID of the financial instrument			M	1	Either the ISIN or the WK or both have to be specified.
			Tag			M	1	":35B:"
			Constant			O	1	"ISIN" (only if ISIN is specified)
			Constant			O	1	" " (blanks, only if ISIN is specified)
			ISIN ID	x	..12	M	1	If no ISIN is used, "/DE/", followed by the German security ID (WKN) is to be specified.
			Constant			M	1	<CR><LF>
			Narrative	x	..35	M	1..4	Securities ID If ISIN and WKN are both specified, the WKN must be set in the first line and the name in the lines 2-4. The lines are separated by <CR><LF>.
	C2		Attributes for the financial instrument			O	1	
	C2	:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"FIA"
	C2	:22F:	Indicator: methods for calculating interest			O	1	
			Tag			M	1	":22F:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"MICO"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"A001" = 30/360 "A002" = 30/365 "A003" = 30/actual "A004" = actual/360 "A005" = actual/365 "A006" = actual/actual or 1/1 "A007" = 30E/360 or Euro-bond basis
	C2	:22F:	Indicator: Type of securities			O	1	

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
			Tag			M	1	".22F:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"FORM"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"BEAR" = bearer security "REGD" = registered secu- rity
		C2	:22F: Indicator: frequency of payment			O	1	
			Tag			M	1	".22F:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"PFRE"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"ANNU" = annually "MNTH" = monthly "QUTR" = quarterly "SEMI" = half-yearly "WEEK" = weekly
		C2	:22F: Indicator: preferentials for entries			O	1	
			Tag			M	1	".22F:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"PREF"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"ORDN" = common stock "PRFD" = the security has a preferred right to earn- ings and investments.
		C2	:22F: Indicator: status of pay- ment			O	1	
			Tag			M	1	".22F:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"PAYS"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"FULL" = completely paid "NILL" = nothing paid "PART" = partially paid
		C2	:22F: Indicator: restrictions			O	1	
			Tag			M	1	".22F:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"REST"
			Constant			M	1	"//"

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
			Indicator	c	4	M	1	"144A" = non-registered security in accordance with the statutory restrictions 144A in the USA "NRST" = ownership or transfer is not subject to any restrictions "RSTR" = ownership or transfer is subject to restrictions (not in accordance with 144A)
	C2	:11A:	Currency			O	1	Currency of the face amount
			Tag			M	1	".11A:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"DENO"
			Constant			M	1	"//"
			Currency	a	3	M	1	ISO 4217 code
	C2	:98A:	Date			O	n	Dates
			Tag			M	1	".98A:"
			Constant			M	1	"."
			Qualifier	c	4	M	1	"COUP" = Next coupon date "EXPI" = Expiry date "FRNR" = Reset date for a floating rate note "MATU" = Maturity date "ISSU" = Issue date (issue date of the security) "CALD" = Call date (cancellation date) "CONV" = Conversion date "PUTT" = Put date "DDTE" = Dated date (date from which a fixed-interest security bears interest)
			Constant			M	1	"//"
			Date	n	8	M	1	YYYYMMDD
	C2	:92A:	Rate/record			O	n	Factors and interest rates for fixed-interest securities
			Tag			M	1	".92A:"
			Constant			M	1	"."

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
			Qualifier	c	4	M	1	"PRFC" = Previous factor as decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond "CUFC" = Current factor as a decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond "NWFC" = Next factor as decimal fraction between 0 and 1, which is used for defining the outstanding principal amount of the bond "INTR" = interest rate (1. Ratio of interest rate paid during a specific period of time to the principal amount of the fixed-interest security; 2. Current interest rate of a note with variable rate of interest) "NXRT" = Next interest rate (in the case of a note with variable rate of interest, which applies to the next payment period)
			Constant			M	1	"/"
			Sign	a	1	O	1	"N" (only if the amount is negative)
			Rate/record	d	..15	M	1	
	C2	:13B:	Number identification			O	n	
			Tag			M	1	":13B:"
			Constant			M	1	":."

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
C	C2		Qualifier	c	4	M	1	"COUP" = Coupon number (number of the next cou- pon on the coupon sheet) "POOL" = Pool number (number which is assigned by an issuer of an asset- backed security (USA), in order to indicate the group of encumbrances upon real property) "LOTS" = Lot number (number identifying the lot of a security issue) "VERN" = Version number of the options contract or the tranche
			Constant			M	1	"//"
			Number	x	..30	M	1	
			:70E: Narrative on attributes of the financial instrument			O	1	
			Tag			M	1	":70E:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"FIAN"
			Constant			M	1	"//"
			Narrative	x	..35	M	1.. 10	The lines are separated by <CR><LF>.
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"FIA"
	C	:13B:	Number of the certificate			O	n	
			Tag			M	1	":13B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"CERT"
			Constant			M	1	"//"
			Number	x	..30	M	1	Certificate number
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"CONFDET"
	D	:16R:	Details of settlement			O	1	
			Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"SETDET"
		:22F:	Indicator: type of settle- ment transaction			M	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SETR"
			Constant			M	1	"//"
			Indicator	c	4	M	1	"TRAD"

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
D		:17B:	Standing instructions override flag			M	1	
			Tag			M	1	":17B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"STAN"
			Constant			M	1	"//"
			Characteristic	a	1	M	1	"N"
	D3		Amounts			O	n	
	D3	:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"AMT"
	D3	:19A:	Amount			M	n	Fees, expenses, etc.
			Tag			M	1	":19A:"
			Constant			M	1	":."

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
			Qualifier	c	4	M	1	"ACRU" = Amount of ac- crued interest "EXEC" = Executing bro- ker's commission "CHAR" = Charges/Fees "LOCO" = Local broker's commission "COUN" = Federal tax, Country tax (ZAST, KEST) "DEAL" = Trade amount "ISDI" = Issue dis- count/Allowance "LEVY" = Payment levy tax "LOCL" = Local taxes (Sol- idarity surcharge - tax for promoting economic de- velopment in eastern Ger- many) "MACO" = Match- ing/Confirmation fee "MARG" = Margin amount "ORGV" = Original face value "POST" = Postage "REGF" = Regulatory fee (e.g. XETRA fee) "SHIP" = Shipping "SPCN" = Special conces- sions "STAM" = Stamp duty (for foreign securities) "STEX" = Stock exchange tax "TRAN" = Transfer tax "TRAX" = Transaction tax "VATA" = Value-added tax "WITH" = Withholding tax "OTHR" = Other amount (limit fee, limit administra- tion fee, fee for modifica- tions/cancellations) "RESU" = Resulting amount arising from the currency conversion (for all amounts apart from OCMT) "OCMT" = Original curren- cy amount (field C:19A:) converted from/into euro
			Constant			M	1	"/"

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 60	Len- gth	Sta- tus 61	Qu- an- tity	Contents/Explanations
D	D3		Sign	a	1	O	1	"N" (only if the amount is negative)
			Currency code	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
		:98A:	Value date			O	1	
			Tag			M	1	".98A:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"VALU"
			Constant			M	1	"//"
			Date	n	8	M	1	YYYYMMDD
		:92B:	Exchange rate			O	1	
			Tag			M	1	".92B:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"EXCH"
			Constant			M	1	"//"
			First currency	a	3	M	1	ISO 4217 code
			Constant			M	1	"/"
			Second currency	a	3	M	1	ISO 4217 code
			Constant			M	1	"/"
			Rate/record	d	..15	M	1	
	D3	:16S:	End of block			M	1	
			Tag			M	1	".16S:"
			Code	c	..16	M	1	"AMT"
		:16S:	End of block			M	1	
			Tag			M	1	".16S:"
			Code	c	..16	M	1	"SETDET"

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Appendix 3: Specification of Data Formats

- Frequently used settlement items and their assignment to SWIFT. fields

Item of the settlement	Sequence	Tag	Qualifier
Settlement (final) amount in settlement currency (incl. currency ID)	C	:19A:	SETT
Settlement (final) amount converted from/into Euro (incl. currency ID)	D3	:19A:	OCMT
Settlement date	C	:98C:	SETT
Name of exchange/place of execution	C	:94B:	TRAD
Brokerage/broker's commission (incl. currency ID)	D3	:19A:	LOCO
Safekeeping account number	C1	:97A:	SAFE
Exchange rate	D3	:92B:	EXCH
Plain text explanations (type of safekeeping account, type of repository, safekeeping account key)	C2	:70E:	FIAN
Cash/clearing account	C1	:97A:	CASH
Trade date	C	:98a:	TRAD
Capital gains tax/interest discount tax	D3	:19A:	COUN
Buy/sell indicator	C	:22H:	BUSE
Rate/price	C	:90a:	DEAL
Value in settlement currency	D3	:19A:	RESU
Value in currency of exchange	D3	:19A:	DEAL
Quote extension	C	:22F:	TTCO
Nominal value	C	:36B:	CONF
Commission (incl. currency ID)	D3	:19A:	SPCN
Solidarity surcharge	D3	:19A:	LOCL
Expenses (incl. currency ID)	D3	:19A:	CHAR
Quantity	C	:36B:	CONF
Currency of the nominal value	C2	:11A:	DENO
Securities ID	C	:35B:	
Security ID or ISIN	C	:35B:	
Value date	D3	:98A:	VALU
Amount of interest/accrued interest (incl. currency ID)	D3	:19A:	ACRU
Interest date	C2	:98A:	COUP
Method of interest computation or indicator whether calculation deviates from German method of interest computation	C2	:22F:	MICO
Interest rate	C2	:92A:	INTR
Interest days	C	:99A:	DAAC

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Appendix 3: Specification of Data Formats

- Example**

Purchase of 50 common stock of the Sample Company at the price of 52.70 Euro in Frankfurt/Main, current account collective repository. Settlement currency is euro, the equivalent final amount in deviating/second currency is also specified.

Se- quen- ce	Sub- se- quen- ce	Example
A		:16R:GENL :20C::SEME//NONREF :23G:NEWM :98C::PREP//19990305122030 :22F::TRTR//TRAD
	A1	:16R:LINK :20C::RELA//0000000000000000 :16S:LINK
		:16S:GENL
C		:16R:CONFDET :98C::TRAD//19990302112030 :98C::SETT//19990303112030 :90B::DEAL//ACTU/EUR52,7 :94B::TRAD//EXCH/XFRA :19A::SETT//NEUR2666,49 :22H::BUSE//BUYI :22F::PRIC//NET1 :22H::PAYM//APMT
	C1	:16R:CONFPTY :95Q::INVE//10020030 :97A::SAFE//10020030/1234567 :97A::CASH//10020030/987654321 :16S:CONFPTY
		:36B::CONF//UNIT/50,

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		:35B:ISIN DE0123456789 /DE/123456 Sample Company, common stock
	C2	:16R:FIA :22F::FORM//BEAR :22F::PREF//ORDN :16S:FIA
		:16S:CONFDET
	D	:16R:SETDET :22F::SETR//TRAD :17B::STAN//N
	D3	:16R:AMT :19A::DEAL//NEUR2635, :19A::SPCN//NEUR26,35 :19A::LOCO//NEUR2,64 :19A::MACO//NEUR2,5 :19A::OCMT//NDEM5215,2 :98A::VALU//19990305 :92B::EXCH//EUR/DEM/1,95583 :16S:AMT
		:16S:SETDET -

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Appendix 3: Specification of Data Formats

Sale of 10,000 Australian dollars "Australian domestic bond, 6.25%" at a rate of 105% in London; settlement currency is euro.

Se- quen- ce	Sub- se- quen- ce	Example
A		:16R:GENL :20C::SEME//NONREF :23G:NEWM :98C::PREP//19990629153045 :22F::TRTR//TRAD
	A1	:16R:LINK :20C::RELA//0000000000000000 :16S:LINK
		:16S:GENL
C		:16R:CONFDET :98C::TRAD//19990625130510 :98C::SETT//19990628121212 :90A::DEAL//PRCT/105, :99A::DAAC//090 :94B::TRAD//EXCH/XISE :19A::SETT//EUR6296,9 :22H::BUSE//SELL :22F::PRIC//NET1 :22H::PAYM//APMT
	C1	:16R:CONFPTY :95Q::INVE//10020030 :97A::SAFE//10020030/1234567 :97A::CASH//10020030/987654321 :16S:CONFPTY
		:36B::CONF//FAMT/10000, :35B:ISIN AU9876543210

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		Australian Domestic Bonds 1993 (2003) SER. 10
	C2	:16R:FIA :22F::MICO//A001 :22F::PFRE//ANNU :11A::DENO//AUD :98A::COUP//20000401 :98A::MATU//20030401 :92A::INTR//6,25 :13B::COUP//7 :16S:FIA
		:16S:CONFDET
	D	:16R:SETDET :22F::SETR//TRAD :17B::STAN//N
	D3	:16R:AMT :19A::DEAL//AUD10500, :19A::RESU//EUR6294,65 :92B::EXCH//AUD/EUR/0,59949 :16S:AMT
	D3	:16R:AMT :19A::ACRU//AUD150, :19A::RESU//EUR89,92 :92B::EXCH//AUD/EUR/0,59949 :16S:AMT
	D3	:16R:AMT :19A::EXEC//NGBP15, :19A::RESU//NEUR22,22

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Se- quen- ce	Sub- se- quen- ce	Example
		:92B::EXCH//EUR/GBP/0,6751 :16S:AMT
	D3	:16R:AMT :19A::SPCN//NEUR62,95 :19A::MACO//NEUR2,5 :19A::OCMT//DEM12315,67 :98A::VALU//19990701 :92B::EXCH//EUR/DEM/1,95583 :16S:AMT
		:16S:SETDET -

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Appendix 3: Specification of Data Formats

4.3 MT 535 Statement of Holdings

„Statement of Holdings“; based on SWIFT. "Standards Release Guide"
(last amendment incorporated SRG 1998)

- **Overview** (without constant fields)

Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus ⁶²	Content
A			M	General information
		:28E:	M	Page number/continuation indicator
		:13A:	O	Number of the statement
		:98a:	O	Date (and time) when the statement was drawn up
		:98a:	M	Date (and time) which the statement is based on
		:97A:	M	Safekeeping account
		:17B:	M	Indicator showing whether holdings exist
B			O	Financial instrument
		:35B:	M	Security ID and name
		:90a:	O	Price (current rate)
		:94B:	O	Place (origin of price/rate in B:90a:)
		:98a:	O	Quote date (and time) of price/rate of price/rate in B:90a:
		:93B:	M	Total amount and nominal value of the portfolio item
	B1		M	Sub-balance
		:93C:	M	Balance (quantity and nominal value of the sub-item for B:93B:)
		:94C:	O	Place of deposit (country of deposit)
		:70C:	O	Narrative for details of sub-balance
		:99A:	O	Number of the accrued days for interest calculation (only for bonds)
		:19A:	O	Value of the portfolio item in the currency of the field C:19A:
		:19A:	O	Value of the portfolio item in currency of safekeeping account
		:19A:	O	Amount of accrued interest in currency of the field C:19A:
		:19A:	O	Amount of accrued interest in currency of safekeeping account
		:92B:	O	Exchange rate
		:70E:	O	Additional information on portfolio item
C			O	Additional information
		:19A:	M	Total value of the portfolio inventories of the message

⁶² M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

Guidelines for Entries

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
A			General information			M	1	
A	:16R:		Start of block			M	1	
			Tag			M	1	":16R:“
			Code	c	..16	M	1	“GENL“
	:28E:		Page number/continuation indicator			M	1	
			Tag			M	1	":28E:“
			Page number	n	..5	M	1	
			Constant			M	1	“/“
			Continuation indicator	c	4	M	1	“LAST“ = Last page “MORE“ = Intermediate page (more pages follow) “ONLY“ = Single page
A	:13A:		Statement number			O	1	
			Tag			M	1	":13A:“
			Constant			M	1	“:“
			Qualifier	c	4	M	1	“STAT“
			Constant			M	1	“//“
			Number Identification	c	3	M	1	Unambiguous number of the statement The number should be filled out with leading zeros
A	:20C:		Sender's reference			M	1	
			Tag			M	1	":20C:“
			Constant			M	1	“:“
			Qualifier	c	4	M	1	“SEME“
			Constant			M	1	“//“
			Reference	x	..16	M	1	“NONREF“
A	:23G:		Function of message			M	1	
			Tag			M	1	":23G:“
			Function	c	4	M	1	“NEWM“
A	:98a:		Preparation date			O	1	
			Option A:					
			Tag			M	1	":98A:“
			Constant			M	1	“:“
			Qualifier	c	4	M	1	“PREP“

⁶³ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁶⁴ M = mandatory field, O = optional field

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
A			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option C:					
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PREP"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
	:98a:		Statement date			M	1	
			Option A:					
			Tag			M	1	":98A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"STAT"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option C:					
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"STAT"
			Constant			M	1	"/"
	:22F:		Type of the statement			M	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"STTY"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"CUST"
	:97A:		Safekeeping account			M	1	
			Tag			M	1	":97A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SAFE"
			Constant			M	1	"/"
			Account	x	..35	M	1	German bank code fol- lowed by "/" and the Ger- man account number
	:17B:		Activity flag			M	1	
			Tag			M	1	":17B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ACTI"
			Constant			M	1	"/"

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat ⁶³	Len- gth	Sta- tus ⁶⁴	Qu- an- tity	Contents/Explanations
A			Characteristic	a	1	M	1	"Y", if portfolio inventories exist (then sequence B is obligatory) "N", if no portfolio inventories exist (then sequence B must be omitted)
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"GENL"
B			Financial instrument			O	n	For each category at least one B sequence must be set. For each category several B sequences can also be created according to individual criteria (e.g. for blocked and non-blocked inventories or different safekeeping account keys). ⁶⁵ If no portfolio inventories available, field A:17B: must be filled with "N".
B		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"FIN"
B		:35B:	Identifier of the financial instrument			M	1	Either the ISIN or the WK or both have to be specified.
			Tag			M	1	":35B:"
			Constant			O	1	"ISIN" (only if ISIN is specified)
			Constant			O	1	" " (blanks, only if ISIN is specified)
			ISIN Identifier	x	..12	M	1	If no ISIN is used "/DE/", followed by the German securities ID number (WKN), must be specified.
			Constant			M	1	<CR><LF>

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As a short report, the customer product can show both the categories of the B sequence and the detailed information of the related B1 sequences upon request.

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
B	:90a:		Narrative	x	..35	M	1..4	Securities ID If ISIN and WKN are both specified, the WKN must be set in the first line and the name in the lines 2-4. The lines are separated by <CR><LF>.
			Price			O	1	
			Option A:					If the price is a percentage
			Tag			M	1	".:90A:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"MRKT" = Market price (e.g. current stock exchange price) "INDC" = Instruction price (calculated or determined price)
			Constant			M	1	"/"
			Type of percentage calculation	c	4	M	1	"PRCT"
			Constant			M	1	"/"
			Price	d	..15	M	1	
			Option B:					If the price is an amount
			Tag			M	1	".:90B:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"MRKT" = Market price (e.g. stock exchange price) "INDC" = Instruction price (calculated or determined price)
			Constant			M	1	"/"
			Amount Type	c	4	M	1	"ACTU"
			Constant			M	1	"/"
			Currency	a	3	M	1	ISO 4217 currency code
			Price	d	..15	M	1	The number of decimal digits is not validated against the currency
B	:94B:		Place (origin of price/rate)			O	1	
			Tag			M	1	".:94B:"
			Constant			M	1	".:"
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"/"
			Place	c	4	M	1	"LMAR" = Local market "THEO" = Theoretical value, based on market yield "VEND" = Vendor as source

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
B			Constant			O	1	"/" (only if Narrative filled)
			Narrative	x	..30	O	1	In the case of "LMAR" the name of the stock exchange can be specified here as MIC.
	:98a:		Quotation date of price/rate			O	1	
			Option A:					
			Tag			M	1	":98A:"
			Constant			M	1	":
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option C:					
			Tag			M	1	":98C:"
			Constant			M	1	":
			Qualifier	c	4	M	1	"PRIC"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
	:93B:		Total balance			M	1	Quantity, expressed as number or nominal value The quantity must correspond to the sum of the sub-balance from field B1:93C:
			Tag			M	1	":93B:"
			Constant			M	1	":
			Qualifier	c	4	M	1	"AGGR"
			Constant			M	1	"/"
			Quantity Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant	c	1	M	1	"/"
			Sign	a	..1	O	1	"N" (only if the balance is negative)
			Balance	d	..15	M	1	In the case of nominal values the currency is determined by the "currency of safekeeping account" in field B:70E:

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
	B1		Sub-balance			M	1..n	Each item of the B sequence must be repeated at least once as a B1 sequence. If several sub-balances exist for a B sequence (e.g. for instance blocked and not blocked), a B1 sequence must be set for this sequence (see example)
	B1	:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"SUBBAL"
	B1	:93C:	Balance			M	1	Quantity, expressed as number or nominal value
			Tag			M	1	":93C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"BLOK" = Blocked "BORR" = Borrowed "COLI" = Collateral in "COLO" = Collateral out "LOAN" = On loan "NOMI" = In nominee name "PECA" = Pending Corporate Action "PEND" = Pending delivery "PENR" = Pending receipt "REGO" = Out for registration "RSTR" = Restricted "SPOS" = street position "TAVI" = Total available "TRAN" = In Transshipment It should be ensured that this information does not contradict specification in the "Balance code" field.
			Constant			M	1	"/"
			Quantity Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
B	B1		Balance Code	c	4	M	1	"AVAI" = Available (not blocked) "NAVL" = Not available (blocked) The field indicates whether the paper for a sell is available.
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the balance is negative)
			Balance	d	..15	M	1	
		:94C:	Place of safekeeping			O	1	Country of safekeeping account
			Tag			M	1	":94C:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"SAFE"
			Constant			M	1	"/"
		:70C:	Land	a	2	M	1	ISO 3166 country code
			Narrative for details of sub-balance			O	1	
			Tag			M	1	":70C:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"SUBB"
			Constant			M	1	"/"
	B1	:16S:	Narrative	x	..35	M	1..4	In accordance with structured entry
			End of block			M	1	
			Tag			M	1	":16S:"
	B	:99A:	Code	c	..16	M	1	"SUBBAL"
			Number of the accrued days			O	1	
			Tag			M	1	":99A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"DAAC"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the number of the day is negative)
			Number	n	3	M	1	Number of days (Where applicable to be filled with leading zeros)
		:19A:	Safekeeping account value			O	1	Value for total balance from B:93B: in the same currency as C:19A:
			Tag			M	1	":19A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"HOLD"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the amount is negative)

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
B		:19A:	Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
			Safekeeping account value			O	1	Value for total balance from B:93B: (if different from currency in C:19A:) a) in the case of securities quoted in percentage in currency of safekeeping account b) in the case of securities quoted per item in B:90B:
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"HOLD"
			Constant			M	1	"//"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
			Amount of accrued interest			O	1	Amount of accrued interest for total balance from B:93B: in same currency as C:19A:
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ACRU"
B		:19A:	Amount of accrued interest			O	1	Amount of accrued interest for total balance from B:93B: in currency of safekeeping account (if differing from currency in C:19A:)
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ACRU"
			Constant			M	1	"//"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
			Amount of accrued interest			O	1	Amount of accrued interest for total balance from B:93B: in currency of safekeeping account (if differing from currency in C:19A:)
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ACRU"
			Constant			M	1	"//"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat 63	Len- gth	Sta- tus 64	Qu- an- tity	Contents/Explanations
B		:92B:	Exchange rate			O	1	For instance, the ex- change rate between the two currencies for the safekeeping account val- ues or amounts of ac- rued interest (B:19A:) can be specified.
			Tag			M	1	":92B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"EXCH"
			Constant			M	1	"/"
			First currency	a	3	M	1	ISO 4217 code
			Constant			M	1	"/"
			Second currency	a	3	M	1	ISO 4217 code
			Constant			M	1	"/"
B		:70E:	Rate/record	d	..15	M	1	
			Holdings (of safekeeping account) narrative			O	1	
			Tag			M	1	":70E:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"HOLD"
B		:16S:	Constant			M	1	"/"
			Narrative	x	..35	M	1..4	in accordance with struc- tured entry
			End of block			M	1	
		:16S:	Tag			M	1	":16S:"
			Code	c	..16	M	1	"FIN"
			Additional information			O	1	In the case of an unvalued portfolio inventory se- quence C is not transmit- ted.
C		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"ADDINFO"
		:19A:	Total holdings value (of safekeeping account) of the message			M	1	Sum of the amounts from B:19A: (i.e. not only mar- ket values but also ac- rued interest)
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"HOLP"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
C		:16S:	End of block			M	1	
			Tag			M	1	":16S:"

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For- mat <small>63</small>	Len- gth	Sta- tus <small>64</small>	Qu- an- tity	Contents/Explanations
			Code	c	..16	M	1	"ADDINFO"

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Appendix 3: Specification of Data Formats

- **Example**

In the case of the first portfolio item (Sample Company common stock), there is an inventory of 100 units. The second item (Sample Company preferred stock) consists of a credit of 130 units and a pending quantity issued of 30 units, leaving a balance of 100 units. In the case of the third item (Australian Domestic Bonds) an inventory of 2,500 Dollars from the total balance of 10,000 Australian Dollars is marked as blocked.

Se- quen- ce	Sub- se- quen- ce	Example
A		:16R:GENL :28E:1/ONLY :13A::STAT//004 :20C::SEME//NONREF :23G:NEWM :98C::PREP//19990530120538 :98A::STAT//19990529 :22F::STTY//CUST :97A::SAFE//10020030/1234567 :17B::ACTI//Y :16S:GENL
B		:16R:FIN :35B:ISIN DE0123456789 /DE/123456 Sample Company, common stock :90B::MRKT//ACTU/EUR52,7 :94B::PRIC//LMAR/XFRA :98A::PRIC//19990529

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		:93B::AGGR//UNIT/100,
	B1	:16R:SUBBAL :93C::TAVI//UNIT/AVAI/100, :94C::SAFE//DE :70C::SUBB//12345678901234567890 1 :16S:SUBBAL
		:19A::HOLD//EUR5270, :70E::HOLD//STK+511+00081+DE+19990815 68,5+EUR :16S:FIN
B		:16R:FIN :35B:ISIN DE0123456790 /DE/123457 Sample Company, preferred stock :90B::MRKT//ACTU/EUR54,6 :94B::PRIC//LMAR/XFRA :98A::PRIC//19990529 :93B::AGGR//UNIT/100,
	B1	:16R:SUBBAL :93C::TAVI//UNIT/AVAI/130, :94C::SAFE//DE

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		:70C::SUBB//123456799123456799 1 :16S:SUBBAL
	B1	:16R:SUBBAL :93C::PEND//UNIT/NAVL/N30, :94C::SAFE//DE :70C::SUBB//123456799123456799 1 :16S:SUBBAL
		:19A::HOLD//EUR5460, :70E::HOLD//STK+512+00081+DE+19981013 42,75+EUR :16S:FIN
B		:16R:FIN :35B:ISIN AU9876543210 Australian Domestic Bonds 1993 (2003) Ser. 10 :90A::MRKT//PRCT/105, :94B::PRIC//LMAR/XASX :98A::PRIC//19990528 :93B::AGGR//FAMT/10000,
	B1	:16R:SUBBAL

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		:93C::TAVI//FAMT/AVAI/7500, :94C::SAFE//AU :70C::SUBB//98765432109876543210 4+Sydney :16S:SUBBAL
	B1	:16R:SUBBAL :93C::BLOK//FAMT/NAVL/2500, :94C::SAFE//AU :70C::SUBB//98765432109876543210 4+Sydney+20021231 :16S:SUBBAL
		:99A::DAAC//004 :19A::HOLD//EUR6294,65 :19A::HOLD//AUD10500, :19A::ACRU//EUR1,72 :19A::ACRU//AUD2,87 :92B::EXCH//AUD/EUR/0,59949 :70E::HOLD//AUD+525+00611+AU+19990315+200312 31 99,75++6,25 :16S:FIN
	C	:16R:ADDINFO :19A::HOLP//EUR17026,37

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub- se- quen- ce	Example
		:16S:ADDINFO
	-	

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Appendix 3: Specification of Data Formats

- Structured entry of the field :70E:**

Each line begins with a digit which indicates the line number. The fields have to be separated by a "+". If a field is not filled in, the omission should be indicated by entering the separator. No separator is inserted in front of the first line and behind the last line. Fields at the end of a line which have not been filled in may be left out, including the separator. In each case the lines are separated by <CR><LF>. Unused lines at the end of the SWIFT narrative may be truncated.

Lines 3 and 4 are only to be filled in in the case of futures contracts.

No.	Name	Format ⁶⁶	Length	Status ⁶⁷	Quantity	Explanations
Line 1						
1	Line number	n	1	M	1	"1"
2	Currency of safekeeping account	a	3	O	1	"STK" = Securities quoted in units "KON" = Contracts or ISO currency code of the category currency in the case of securities quoted in percentages
3	Type of security	n	3	O	1	In accordance with WM GD 195
4	Sector code	n	5	O	1	In accordance with WM GD 200
5	Issuer country	a	2	O	1	In accordance with ISO 3166 country code
6	Buying date	n	8	O	1	YYYYMMDD
7	Maturity date	n	8	O	1	YYYYMMDD (e.g. in the case of bonds or warrants)
Line 2						
8	Line number	n	1	M	1	"2"
9	Cost price/rate, amount	d	..15	O	1	If applicable, average value
10	Cost price/rate, currency	a	3	O	1	ISO 4217 currency code (only if amount is also entered) If a percentage is entered in the amount field, the currency field is not filled in.
11	Interest rate	d	..15	O	1	As a percentage in the case of interest-bearing securities
Line 3						
12	Line number	n	1	M	1	"3"
13	Key of the futures contract	a	1	O	1	"C" = Call "P" = Put "F" = Future
14	Expiry date of the futures contract	n	6	O	1	YYYYMM

⁶⁶ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁶⁷ M = mandatory field, O = optional field

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No.	Name	Format ⁶⁶	Length	Status ⁶⁷	Quantity	Explanations
15	Version of the futures contract	n	1	O	1	e.g. 0/1/2/3
16	Unit/contract size of the futures contract	n	..8	O	1	
17	Symbol	a	..4	O	1	Abbreviation (e.g. "FDAX", "BMW")
18	WKN of the underlying	n	6	O	1	
Line 4						
19	Line number	n	1	M	1	"4"
20	ISIN of the underlying	x	12	O	1	
21	Basic price of the futures contract, amount	d	..15	O	1	Amount
22	Basic price of the futures contract, currency	a	3	O	1	ISO 4217 currency code (only if amount is also entered)

- **Example**

In the case of shares:

```
1STK+511+00081+DE+19990815
268,5+EUR
```

In the case of retirement investment securities:

```
1EUR+141+00024+DE+19990930+20051001
2100,25++5,25
```

In the case of derivative securities:

```
1KON+857+00170+US+19991028+20001015
21247,75+EUR
3C+200010+1+500+BMW+519000
4DE0005190003+1000,+EUR
```

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Appendix 3: Specification of Data Formats

- Structured entry of the field :70C:**

The same rules apply as for the field :70E: (see above).

No	Name	Format ⁶⁸	Length	Status ⁶⁹	Quantity	Explanations
Line 1						
1	Line number	n	1	M	1	"1"
2	Safekeeping account key	x	..34	O	1	To be filled in individually by the institution The safekeeping account key serves, amongst other things, in the field B2:70E: of the MT 502 for identifying the portfolio item when selling.
Line 2						
3	Line number	n	1	M	1	"2"
4	Type of repository	n	1	O	1	1 = Current account collective repository 2 = Jacket custody 3 = inhouse collective custody 4 = Computation of effective interest rate 9 = Miscellaneous
5	Place of deposit	x	..15	O	1	Narrative
6	Blocked until	n	8	O	1	YYYYMMDD
Line 3						
7	Line number	n	1	M	1	"3"
8	Blocking / other bank remarks	x	..34	O	1	Narrative
Line 4						
9	Line number	n	1	M	1	"4"
10	Blocking / other bank remarks	x	..34	O	1	Narrative

- Example**

```
112345678901234567890
21+London+20021231
3assigned for loan no. 6020
```

⁶⁸ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁶⁹ M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

4.4 MT 536 Statement of Transactions

„Statement of Transactions“; based on SWIFT. "Standards Release Guide"
(letzte berücksichtigte Änderung SRG 1998)

- **Overview** (without constant fields)

Se- quen- ce	Sub- se- quen- ce	Tag	Sta- tus ⁷⁰	Content
A			M	General information
		:28E:	M	Page number/continuation indicator
		:13A:	O	Number of the statement
		:98a:	O	Date (and time) when the statement was drawn up
		:69a:	M	Period for the statement
		:97A:	M	Securities account
		:17B:	M	Indicator on whether transaction has taken place
B			O	Financial instrument
		:35B:	M	Security ID and name
		:90a:	O	Price/settlement price
		:94B:	O	Place (origin of price/rate)
		:98a:	O	Quote date (and time) of price/rate
		:93B:	O	Inventory before and after the transaction
	B1		M	Transaction
	B1b		O	Details of the transaction
		:36B:	M	Posting quantity
		:99A:	O	Number of days accrued for interest calculation (only for bonds)
		:19A:	O	Posting amount/value
		:19A:	O	Amount of interest accrued
		:22F:	M	Indicator for the transaction
		:22H:	M	Indicator for receipt/delivery
		:98a:	M	Effective settlement day (final day)
		:98a:	O	Value date
		:25D:	O	Status of a transaction (return ID)
		:70E:	O	Narrative on details of the transaction

⁷⁰ M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

• Guidelines for Entries

Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
A			General information			M	1	
A		:16R:	Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"GENL"
A		:28E:	Page number/continuation indicator			M	1	
			Tag			M	1	":28E:"
			Page number	n	..5	M	1	
			Constant			M	1	"/"
			Continuation indicator	c	4	M	1	"LAST" = Last page "MORE" = Intermediate page (more pages to follow) "ONLY" = Single page
A		:13A:	Statement number			O	1	
			Tag			M	1	":13A:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"STAT"
			Constant			M	1	"/"
			Numerical ID	c	3	M	1	Unambiguous number of the statement The number should be filled out with leading zeros
A		:20C:	Sender's reference			M	1	
			Tag			M	1	":20C:"
			Constant			M	1	":"
			Qualifier	c	4	M	1	"SEME"
			Constant			M	1	"/"
			Reference	x	..16	M	1	"NONREF"
A		:23G:	Function of message			M	1	
			Tag			M	1	":23G:"
			Function	c	4	M	1	"NEWM"
A		:98a:	Preparation date			O	1	
			Option A:					
			Tag			M	1	":98A:"
			Constant			M	1	":"

⁷¹ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

⁷² M = mandatory field, O = optional field

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Appendix 3: Specification of Data Formats

Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations	
A			Qualifier	c	4	M	1	"PREP"	
			Constant			M	1	"/"	
			Date	n	8	M	1	YYYYMMDD	
			Option C:						
			Tag			M	1	":98C:"	
			Constant			M	1	":"	
			Qualifier	c	4	M	1	"PREP"	
			Constant			M	1	"/"	
			Date	n	8	M	1	YYYYMMDD	
			Time	n	6	M	1	hhmmss	
	:69a:		Statement period			M	1		
			Option A:						
			Tag			M	1	":69A:"	
			Constant			M	1	":"	
			Qualifier	c	4	M	1	"STAT"	
			Constant			M	1	"/"	
			From date	n	8	M	1	YYYYMMDD	
			Constant			M	1	"/"	
			To date	n	8	M	1	YYYYMMDD	
			Option B:						
A		Tag			M	1	":69B:"		
		Constant			M	1	":"		
		Qualifier	c	4	M	1	"STAT"		
		Constant			M	1	"/"		
		From date	n	8	M	1	YYYYMMDD		
		Time	n	6	M	1	hhmmss		
		Constant			M	1	"/"		
		To date	n	8	M	1	YYYYMMDD		
		Time	n	6	M	1	hhmmss		
		A	:97A:	Safekeeping account			M	1	
Tag					M	1	":97A:"		
Constant					M	1	":"		
Qualifier	c			4	M	1	"SAFE"		
Constant					M	1	"/"		
Account	x			..35	M	1	German bank code fol- lowed by "/" and the Ger- man account number		
A	:17B:	Activity Flag			M	1			
		Tag			M	1	":17B:"		
		Constant			M	1	":"		
		Qualifier	c	4	M	1	"ACTI"		
					M	1	"/"		

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
A			Characteristic	a	1	M	1	"Y", If there is turnover (then sequence B is man- datory) "N", If there has been no transaction (then se- quence B must be omit- ted)
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"GENL"
B			Financial instrument			O	n	
B	:16R:		Start of block			M	1	
			Tag			M	1	":16R:"
			Code	c	..16	M	1	"FIN"
	:35B:		Financial instrument iden- tifier			M	1	Either the ISIN or the WK or both have to be speci- fied.
			Tag			M	1	":35B:"
			Constant			O	1	"ISIN" (only if ISIN is specified)
			Constant			O	1	" " (blanks, only if ISIN is specified)
			ISIN ID	x	..12	M	1	If no ISIN is used "/DE/", followed by the German securities ID number (WKN) must be specified.
			Constant			M	1	<CR><LF>
			Narrative	x	..35	M	1..4	Securities ID If ISIN and WKN are both specified, the WKN must be set in the first line and the name in the lines 2-4. The lines are separated by <CR><LF>.
	:90a:		Price			O	1	Settlement price
			Option A:					If the price is a percent- age
			Tag			M	1	":90A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"MRKT" = Market price (e.g. stock exchange price) "INDC" = Indicative price (calculated or determined price)
			Constant			M	1	"/"
			Type of percentage calcu- lation	c	4	M	1	"PRCT"
			Constant			M	1	"/"
			Price	d	..15	M	1	

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
B			Option B:					If the price is an amount
		Tag			M	1	":90B:"	
		Constant			M	1	":."	
		Qualifier	c	4	M	1	"MRKT" = Market price (e.g. stock exchange price) "INDC" = Indicative price (calculated or determined price)	
		Constant			M	1	"/"	
		Amount Type	c	4	M	1	"ACTU"	
		Constant			M	1	"/"	
		Currency	a	3	M	1	ISO 4217 currency code	
		Price	d	..15	M	1	The number of decimal digits is not validated against the currency.	
	:94B:	Place (source of price/rate)			O	1		
	Tag			M	1	":94B:"		
	Constant			M	1	":."		
	Qualifier	c	4	M	1	"PRIC"		
	Constant			M	1	"/"		
	Place	c	4	M	1	"LMAR" = Local market "THEO" = Theoretical value, based on market yield "VEND" = Vendor as source		
	Constant			O	1	"/" (only if narrative filled)		
	Narrative	x	..30	O	1	In the case of "LMAR" the name of the stock ex- change can be specified here as MIC.		
	B	:98a:	Price quotation date/time			O	1	
			Option A:					
		Tag			M	1	":98A:"	
Constant				M	1	":."		
Qualifier		c	4	M	1	"PRIC"		
Constant				M	1	"/"		
Date		n	8	M	1	YYYYMMDD		
		Option C:						
Tag				M	1	":98C:"		
Constant				M	1	":."		
Qualifier		c	4	M	1	"PRIC"		
Constant				M	1	"/"		
Date		n	8	M	1	YYYYMMDD		
Time		n	6	M	1	hhmmss		

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
B	:93B:	Balance				O	n	Quantity, expressed as number or nominal value
		Tag				M	1	":93B:"
		Constant				M	1	":."
		Qualifier		c	4	M	1	"FIOP" = First opening balance "INOP" = Opening balance as intermediary balance "FICL" = Final closing balance "INCL" = Closing balance as intermediary balance
		Constant				M	1	"/"
		Quantity Type		c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
		Constant				M	1	"/"
		Sign		a	..1	O	1	"N" (only if the balance is negative)
		Balance		d	..15	M	1	
	B1		Transaction			M	1	
	:16R:	Start of block				M	1	
		Tag				M	1	":16R:"
		Code		c	..16	M	1	"TRAN"
	B1a		Linkages			M	1	
	:16R:	Start of block				M	1	
		Tag				M	1	":16R:"
		Code		c	..16	M	1	"LINK"
	:20C:	Sender's reference				M	1	
		Tag				M	1	":20C:"
		Constant				M	1	":."
		Qualifier		c	4	M	1	"RELA"
		Constant				M	1	"/"
		Reference		x	..16	M	1	"NONREF"
	:16S:	End of block				M	1	
		Tag				M	1	":16S:"
		Code		c	..16	M	1	"LINK"
	B1b		Transaction details			O	1	Information as per settlement/safekeeping account posting
	:16R:	Start of block				M	1	
		Tag				M	1	":16R:"
		Code		c	..16	M	1	"TRANSDT"
	B1b	:36B:	Posting quantity			M	1	

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
	B1b	:99A:	Tag			M	1	":36B:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PSTA"
			Constant			M	1	"/"
			Type	c	4	M	1	"FAMT" = the quantity is expressed as face amount "UNIT" = the quantity is expressed as whole number
			Constant			M	1	"/"
			Quantity	d	..15	M	1	
			Number of days accrued			O	1	E.g. accrued interest as per settlement
		:99A:	Tag			M	1	":99A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"DAAC"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the number of the day is negative)
			Number	n	3	M	1	where applicable to be filled with leading zeros
		:19A:	Posting amount			O	1	Value
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PSTA"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
	B1b	:19A:	Amount of accrued interest			O	1	
			Tag			M	1	":19A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ACRU"
			Constant			M	1	"/"
			Sign	a	..1	O	1	"N" (only if the amount is negative)
			Currency	a	3	M	1	ISO 4217 code
			Amount	d	..15	M	1	
		:22F:	Indicator for the transaction			M	1	
			Tag			M	1	":22F:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRAN"
			Constant			M	1	"/"

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Se- qu- ence	Sub- sequence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
			Indicator	c	4	M	1	"BOLE" = Activity related to borrowing/lending "COLL" = Collateral activity "CORP" = Activity related to a Corporate Action (e.g. transfer) "SETT" = Activity related to settlement and clearing (generally buy and sell)
	B1b	:22H:	Indicator for receipt/delivery			M	1	
			Tag			M	1	":22H:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"REDE"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"DELI" = Delivery (debit) "RECE" = Receipt (credit)
	B1b	:22H:	Indicator for method of payment			M	1	
			Tag			M	1	":22H:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"PAYM"
			Constant			M	1	"/"
			Indicator	c	4	M	1	"FREE"
	B1b	:98a:	Effective settlement date			M	1	Final day
			Option A:					
			Tag			M	1	":98A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ESET"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option C:					
			Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"ESET"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
	B1b	:98a:	Settlement date			O	1	Value date
			Option A:					
			Tag			M	1	":98A:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SETT"
			Constant			M	1	"/"
			Date	n	8	M	1	YYYYMMDD
			Option C:					

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Se- qu- ence	Sub- sequ- ence	Tag	Name	For mat ⁷¹	Len gth	Stat us ⁷²	Qua ntity	Contents/Explanations
B	B1b	:98C:	Tag			M	1	":98C:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"SETT"
			Constant			M	1	"/"/
			Date	n	8	M	1	YYYYMMDD
			Time	n	6	M	1	hhmmss
		:25D:	Movement status			O	1	Field is only transmitted if the movement is a reversal of a previous movement (return ID)
			Tag			M	1	":25D:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"MOVE"
			Constant			M	1	"/"/
			Status	c	4	M	1	"REVE"
		:70E:	Transaction details narrative			O	1	
			Tag			M	1	":70E:"
			Constant			M	1	":."
			Qualifier	c	4	M	1	"TRDE"
			Constant			M	1	"/"/
			Narrative	x	..35	M	1..10	Any information on transaction (no structured entry as in MT 535)
	B1b	:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"TRANSDDET"
	B1	:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"TRAN"
		:16S:	End of block			M	1	
			Tag			M	1	":16S:"
			Code	c	..16	M	1	"FIN"

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Appendix 3: Specification of Data Formats

- Example**

Within the period of the report three transactions took place:

1. Purchase (receipt) of 100 shares of Sample Company with final day May 15th, 1999
2. Sale (disposal) of 70 shares of Sample Company with final day May 28th, 1999
3. Sale (disposal) of 5,000 CAD 6.5 % DaimlerChrysler Lux. Fin. with final day May 21st, 1999

Se- quen- ce	Sub se- quen- ce	Sub se- quen- ce	Example
A			:16R:GENL :28E:1/ONLY :13A::STAT//005 :20C::SEME//NONREF :23G:NEWM :98A::PREP//19990530 :69A::STAT//19990501/19990529 :97A::SAFE//10020030/1234567 :17B::ACTI//Y :16S:GENL
B			:16R:FIN :35B:ISIN DE0123456789 /DE/123456 Sample Company, common stock :90B::MRKT//ACTU/EUR52,7 :94B::PRIC//LMAR/XFRA :98A::PRIC//19990515

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub se- quen- ce	Sub se- quen- ce	Example
			:93B::FIOP//UNIT/200, :93B::FICL//UNIT/300,
		B1	:16R:TRAN
		B1a	:16R:LINK :20C::RELA//NONREF :16S:LINK
		B1b	:16R:TRANSDet :36B::PSTA//UNIT/100, :19A::PSTA//NEUR5270, :22F::TRAN//SETT :22H::REDE//RECE :22H::PAYM//FREE :98A::ESET//19990515 :98A::SETT//19990517 :16S:TRANSDet
			:16S:TRAN
			:16S:FIN
		B	:16R:FIN :35B:ISIN DE0123456789 /DE/123456 Sample Company, common stock :90B::MRKT//ACTU/EUR61,9

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub se- quen- ce	Sub se- quen- ce	Example
			:94B::PRIC//LMAR/XFRA :98A::PRIC//19990528 :93B::FIOP//UNIT/300, :93B::FICL//UNIT/230,
			B1 :16R:TRAN
			B1a :16R:LINK :20C::RELA//NONREF :16S:LINK
			B1b :16R:TRANSDET :36B::PSTA//UNIT/70, :19A::PSTA//EUR4333, :22F::TRAN//SETT :22H::REDE//DELI :22H::PAYM//FREE :98A::ESET//19990528 :98A::SETT//19990530 :16S:TRANSDET
			:16S:TRAN
			:16S:FIN
B			:16R:FIN :35B:/DE/987654 DaimlerChrysler Lux. Fin.

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub se- quen- ce	Sub se- quen- ce	Example
			1999 (2002) :90B::MRKT//PRCT/105, :94B::PRIC//LMAR/XLUX :98A::PRIC//19990521 :93B::FIOP//FAMT/5000,
	B1		:16R:TRAN
		B1a	:16R:LINK :20C::RELA//NONREF :16S:LINK
		B1b	:16R:TRANSDET :36B::PSTA//FAMT/5000, :99A::DAAC//003 :19A::PSTA//CAD5250, :19A::ACRU//CAD2,71 :22F::TRAN//SETT :22H::REDE//DELI :22H::PAYM//FREE :98A::ESET//19990521 :98A::SETT//19990526 :16S:TRANSDET
			:16S:TRAN
			:16S:FIN

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Appendix 3: Specification of Data Formats

Se- quen- ce	Sub se- quen- ce	Sub se- quen- ce	Example
			-

5 Documentary Credits

5.1 DTAEA Export Documentary Credit – Advice and Amendment (Bank to Customer)

In addition to its common usage, the data record DTAEA may be provided to additional recipients for information purposes. In this case, the constant "EAI" has to be used in field :A1: of the file header and field :M24: has to be set in the advice of the documentary credit, the amendment to the documentary credit, or the free format message. Thus, the message possesses only informational quality for a third party. Therefore, it does not constitute an obligation for the financial institutions involved.

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ⁷³	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
<u>Special characters:</u>		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis	")"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

The special German characters Ä, Ö, Ü are encoded as AE, OE, UE, and ß as SS.

Number of occurrences in logical file	Element (each with end of record level)
1	File header EAB/EAI
0-n	Advice of a documentary credit 700, 710, 720, or amendment to a documentary credit 707
0-n	Free format message 799
1	File trailer Z

⁷³ Encoding as per DIN 66003 (June 1974), code table 2, German reference version

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Appendix 3: Specification of Data Formats

File Header EAB/EAI

Field No.	Name	Data format ⁷⁴	Length in Bytes	variable/ fixed	optional/ mandatory ⁷⁵	Contents/ Annotations	Verifications/ Examples
:A1:	Identifier of file header	an	3	F	M	Constant "EAB" or Constant "EAI" for an informational copy	
:A2:	German bank code or SWIFT.-BIC	an	11	V	M	German bank code or SWIFT.-BIC of the sending bank	
:A3:	Receiver's Customer number	an	23	V	M	Customer number as agreed with the sending bank (e.g. account number)	
:A4:	Receiver	an	4 x 35	V	O	Complementary data to field :A3: Line 1 and 2: name Line 3: street/post office box Line 4: city	
:A5:	File identifier	an	8	F	O	For customer inquiries concerning the transmitted file: Current day of the year (three digits) Constant ":-" Time Code HHMM	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁷⁴ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁷⁵ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Advice of a Documentary Credit 700, 710, 720

Field No.	Name	Data format ⁷⁶	Length in Bytes	variable/fixed	optional/mandatory ⁷⁷	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "700", "710", or "720"	
:M1:	Address of the advising bank	an	11	V	O	BIC	8 or 11 digits
:M2:	Address of the advising bank	an	4 x 35	V	M	Default order: name, street/POB, city (country)	
:M3:	Reference number of the advising bank	an	16	V	M		
:M4:	Contact person at the advising bank	an	35	V	M	for possible inquiries	
:M5:	Confirmation instructions of the advising bank	n	1	F	M	"1" = confirmed "2" = unconfirmed	
:M6:	Information regarding confirmation instructions	an	50 x 65	V	O	Addition to field :M5:	
:M7:	Remarks of the advising bank	an	100 x 65	V	O		
:M8:	Fees und charges of the advising bank	an	50 x 65	V	O		
:M9:	SWIFT. address of the issuing bank	an	11	V	O	BIC	8 or 11 digits

⁷⁶ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁷⁷ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Field No.	Name	Data format ⁷⁶	Length in Bytes	variable/fixed	optional/mandatory ⁷⁷	Contents/Annotations	Verifications/Examples
:M10:	Address of the issuing bank	an	4 x 35	V	C	Required order: Name, Street/POB, City (Country). <i>Mandatory field upon issue (MT 700), Mandatory field upon forwarding (MT 710), Mandatory field upon transfer (MT 720) if field :M9: is used</i>	
:M11:	Documentary credit number	an	16	V	M		
:M12:	Date of issue	n	8	F	M	Format: YYYYMMDD	
:M13:	SWIFT. address of the intermediary bank	an	11	V	O	BIC	8 or 11 digits
:M14:	Address of the intermediary bank	an	4 x 35	V	C	Default order: name, street/POB, city (country). <i>Mandatory field upon forwarding (MT 710)</i>	
:M15:	Reference number of the intermediary bank	an	16	V	C	<i>Mandatory field upon forwarding (MT 710)</i>	
:M16:	SWIFT. adress of the transferring bank	an	11	V	O	BIC	8 or 11 digits
:M17:	Address of the transferring bank	an	4 x 35	V	C	Default order: name, street/POB, city (country). <i>Mandatory field upon transfer (MT 720)</i>	
:M18:	Reference number of the transferring bank	an	16	V	C	<i>Mandatory field upon transfer (MT 720)</i>	
:M19:	Date of advice	n	8	F	M	Format: YYYYMMDD	
:M20:	Customer's reference	an	16	V	O		
:M24:	Reference to „Copy for Information“	an	20	F	C	Always "Unverbindliche Kopie" <i>Mandatory if field :A1: is used with "EAI" (copy for informational only)</i>	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁷⁶	Length in Bytes	variable/fixed	optional/mandatory ⁷⁷	Contents/Annotations	Verifications/Examples
	Message in SWIFT. format MT 700, MT 710, or MT 720 (without header and trailer)	an		V	M	MT 700/701, 710/711, or 720/721 are combined respectively (without field 27)	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Amendment to a Documentary Credit 707

Field No.	Name	Data format ⁷⁸	Length in Bytes	variable/fixed	optional/mandatory ⁷⁹	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "707"	
:M1:	SWIFT. address of the advising bank	an	11	V	O	BIC	8 or 11 digits
:M2:	Address of the advising bank	an	4 x 35	V	M	Default order: name, street/POB, city (country).	
:M3:	Reference number of the advising bank	an	16	V	M		
:M4:	Contact person at the advising bank	an	35	V	M	for possible requires	
:M5:	Confirmation instructions of the advising bank	n	1	F	O	"1" = confirmed "2" = unconfirmed	
:M6:	Information regarding confirmation instructions	an	50 x 65	V	O	Supplement to field :M5:	
:M7:	Remarks of the advising bank	an	100 x 65	V	O		
:M8:	Fees and charges of the advising bank	an	50 x 65	V	O		
:M9:	SWIFT. address of the issuing bank	an	11	V	O	BIC	8 or 11 digits

⁷⁸ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁷⁹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁷⁸	Length in Bytes	variable/fixed	optional/mandatory ⁷⁹	Contents/Annotations	Verifications/Examples
:M10:	Address of the issuing bank	an	4 x 35	V	C	Default order: name, street/POB, city (country) <i>Mandatory field if field :M9: is used</i>	
:M11:	Documentary credit number	an	16	V	M		
:M12:	Date of issue	n	8	F	O	Format: YYYYMMDD	
:M19:	Date of advice	n	8	F	M	Format: YYYYMMDD	
:M20:	Customer's reference	an	16	V	O		
:M21:	Amendment date	n	8	F	M	Format: YYYYMMDD	
:M22:	Amendment number of the advising bank	n	2	V	O		
:M24:	Reference to „Copy for Information“	an	20	F	C	Always "Unverbindliche Kopie" <i>Mandatory if field :A1: is used with "EAI" (copy for informational only)</i>	
	Message in SWIFT. format MT 707 (without header and trailer) Variation from original MT 707: Unlike the original SWIFT. message 707, field 79 (narrative) is transmitted in format 70 x 50 and not, if applicable, with field 79 specified twice.	an		V	M		
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Free Format Message 799

Field No.	Name	Data format ⁸⁰	Length in Bytes	variable/fixed	optional/mandatory ⁸¹	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "799"	
:M3:	Reference number of the advising bank	an	16	V	M		
:M11:	Documentary credit number	an	16	V	M		
:M20:	Customer's reference	an	16	V	O		
:M23:	Comment of the advising bank	an	30 x 65	V	O		
:M24:	Reference to „Copy for Information“	an	20	F	C	Always "Unverbindliche Kopie" Mandatory if field :A1: is used with "EAI" (copy for informational only)	
:79:	Narrative	an	195 x 50	V	M		
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁸⁰ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁸¹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

File Trailer Z

Field No.	Name	Data format ⁸²	Length in Bytes	variable/fixed	optional/mandatory ⁸³	Contents/Annotations	Verifications/Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of messages of types 700, 710, and 720	n	3	F	M		
:Z3:	Number of messages of type 707	n	3	F	M		
:Z4:	Number of messages of type 799	n	3	F	M		
:Z5:	Sum of the amounts of all currencies in fields :32B: of 700, 710, 720, and :34B: of 707	n	15	V	M	Calculation without decimal places and output of totals without decimal places If field :34B: of 707 is empty, the value "707" is added. For each 799, the value "799" is added.	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁸² an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁸³ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

5.2 DTALC Import Documentary Credit – Application for Issuance and Amendment of a Documentars Credit (Customer to Bank)

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ⁸⁴	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
Special characters:		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis	")"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

The special German characters Ä, Ö, Ü are coded as AE, OE, UE, and ß as SS.

Number of occurrences in logical file	Element (each with end of record level)
1	File header AKK
0-n	Issue of a documentary credit 700 or amendment to a documentary credit 707
0-n	Free format message 799
1	File trailer Z

⁸⁴ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

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Appendix 3: Specification of Data Formats

File Header AKK

Field No.	Name	Data format ⁸⁵	Length in Bytes	variable/ fixed	optional/ mandatory ⁸⁶	Contents/ Annotations	Verifications/ Examples
:A1:	Identifier of file header	an	3	F	M	Constant "AKK"	
:A2:	German bank code or SWIFT.-BIC	an	11	V	M	German bank code or SWIFT.-BIC of the receiving bank	:A2:25070000 or :A2DEUTDE2H
:A3:	Customer number	an	23	V	M	Customer number as agreed with the receiving bank (e.g.account number)	
:A4:	Applicant	an	4 x 35	V	M	Complementary data to field :A3: Line 1 and 2: name Line 3: street/post office box Line 4: city	
:A5:	Date of application	n	8	F	M	Format: YYYYMMDD	File creation date
:A6:	Report to Deutsche Bundesbank required	an	1	F	M	Constant "N"	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁸⁵ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁸⁶ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Issue of a Documentary Credit 700

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "700"	
:M1:	Reference number of the customer	an	16	V	M		
:M2:	Method of issuance	n	2	F	M	"01" = By telecommunication "02" = By air mail without pre-advice "03" = By air mail with pre-advice by telecommunication "04" = By courier service without pre-advice "05" = By courier service with pre-advice by telecommunication	
:M3:	Courier service	an	35	V	C	Courier service to be ordered (as far as possible)	Only if field :M2: = "04" or "05"
:M4:	Customer's contact person	an	35	V	O	Contact person for possibly arising requests	Phone number
:M5:	ISO currency code of currency of the account for debiting the utilization	an	3	F	M	ISO currency code of currency of the account for debiting utilization and charges if field :M8: is not used for charge debit.	:M5:EUR

⁸⁷ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁸⁸ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:M6:	German bank code/German account number or SWIFT.-BIC/German account number or IBAN for debiting the utilization	an	35	V	M	German bank code or SWIFT.-BIC and German account number for debiting utilization and charges if field :M8: is not used for charge debit.	:M6:50040000/0807088000 oder :M6:COBEDEFF/0807088000 oder :M6:DE10500400000807088000
:M7:	ISO currency code of currency of account for debiting the charges	an	3	F	C	ISO currency code of currency of account for debiting charges	:M7:EUR
:M8:	German bank code/German account number or SWIFT.-BIC/German account number or IBAN for debiting the charges	an	35	V	C	German bank code or SWIFT.-BIC and German account number for debiting the charges	:M8:50040000/0807088000 oder :M8:COBEDEFF/0807088000 oder :M8:DE10500400000807088000:M8:25050000/7890 oder :M8:NOLADE2H/7890
:M9:	Earliest execution date	n	8	F	O	Format: YYYYMMDD	Up to 14 days after placing the order "A5"
:M10:	Charges allocation key	n	2	F	M	"00" = Shared charges "01" = All charges are for the applicant's account "02" = All charges are for the beneficiary's account "03" = Other arrangement	
:M11:	Special arrangement for charges	an	6 x 35	V	C		Mandatory if field :M10: = "03"

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:M12:	Other customer to bank information	an	6 x 35	V	O		
:20:	Reference number of the issuing bank	an	16	V	O		
:40A:	Form of documentary credit	an	24	V	M	Permitted code: "IRREVOCABLE" or "IRREVOCABLE STANDBY" or "IRREVOCABLE TRANSFERABLE" or "REVOCABLE" or "REVOCABLE STANDBY" or "REVOCABLE TRANSFERABLE" or "IRREVOC TRANS STANDBY"	
:40E:	Applicable rules					Permitted code	
	Subfield 1: Rule	an	30	V	M	UCP LATEST VERSION EUCP LATEST VERSION ISP LATEST VERSION OTHR	
	Subfield 2: Description	an	35	V	O	Only if OTHR is used 30x(/35x)	
:31D:	Date and place of expiry				M		:31D:931029HANNOVER
	Subfield 1: Date of expiry	n	6	F		Format: YYMMDD	Must neither be previous to the date in field :A5: of the file header nor previous to the date in field :44C:
	Subfield 2: Place of expiry	an	29	V			
:50:	Applicant	an	4 x 35	V	M	Name and address of applicant	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:59:	Beneficiary of the documentary credit					Beneficiary's account, name and address	:59:/ACC-1234865-21789 Verification: Account number may only be present if field :57a: is also used.
	Subfield 1: Account number	an	35	V	O	:59:/34x	
	Subfield 2: Beneficiary	an	4 x 35	V	M		
:32B:	Currency code	an	3	F	M	ISO currency code	:32B:USD8795,75
	Amount of the documentary credit	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	
:39A:	Percentage credit amount tolerance	n	5	F	C	Format: nn/nn 1st value: positive tolerance in percent 2nd value: negative tolerance in percent	:39A:05/08 If this field is used, then field :39B: may not be used
:39B:	Maximum credit amount	an	13	V	C	Permitted code: "NOT EXCEEDING"	If this field is used, then field :39A: may not be used
:39C:	Additional amounts covered	an	4 x 35	V	O	e.g. freight, interest, insurance	
:41a:	Available with ... by				M	a = variant "A" or "D" Address of the bank to which the documentary credit is available. Subfield 1, variant "A": SWIFT.-BIC	If subfield 2 = "BY NEGOTIATION", then subfield 1 may consist of: "ANY BANK" or "ANY BANK IN..." (city/country) or the address of a specific bank (e.g. beneficiary's bank, other bank).
:41A:	Subfield 1: Available with	an	11	V		Subfield 1, variant "D": Name, street, city	
:41D:	Subfield 1: Available with	an	4 x 35	V			
:41A/D:	Subfield 2: by	an	14	V		Subfield 2: permitted code "BY PAYMENT" or "BY ACCEPTANCE" or "BY NEGOTIATION" or "BY DEF PAYMENT" or "BY MIXED PYMT"	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:42C:	Drafts at	an	3 x 35	V	C	This field specifies the tenor of drafts to be drawn under the documentary credit	Use of the field is permitted only if subfield 2 of field :41D: does <i>not</i> contain "BY DEF PAYMENT" or "BY MIXED PYMT". Mandatory if subfield 2 of field :41D: = "BY ACCEPTANCE".
:42a:	Drawee				C	a = variant "A" or "D" Name and address of the drawn bank	Use of the field is permitted only if subfield 2 of field :41D: does <i>not</i> contain "BY DEF PAYMENT" or "BY MIXED PYMT". Mandatory if no value is allocated to field :42C:
:42A:	Drawee	an	11	V		Variant "A": SWIFT.-BIC	
:42D:	Drawee	an	4 x 35	V		Variant "D": Name, street, city	
:42M:	Mixed payment details	an	4 x 35	V	C	Particulars on: "BY MIXED PYMT" in field :41D:, subfield 2	Mandatory if field :41D: = "BY MIXED PYMT"
:42P:	Deferred payment details	an	4 x 35	V	C	Particulars on: "BY DEF PAYMENT" in field :41D:, subfield 2	Mandatory if field :41D: = "BY DEF PAYMENT"
:43P:	Partial shipments	an	35	V	O	Permitted code: "ALLOWED" or "NOT ALLOWED"	
:43T:	Transshipment	an	35	V	O	Permitted code: "ALLOWED" or "NOT ALLOWED"	
:44A:	Loading on board/dispatch/taking in charge at/from	an	65	V	O		

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:44E:	Port of loading/airport of departure	an	65	V	O		
:44F:	Port of discharge/airport of destination	an	65	V	O		
:44B:	For transportation to ... / place of delivery	an	65	V	O		
:44C:	Latest day of shipment	n	6	F	O	Format: YYMMDD	Must not be later than expiry date in field :31D:
:44D:	Shipment period	an	6 x 65	V	C	Allocation only permitted if no value is allocated to field :44C:	
:45A:	Description of goods and/or services	an	100 x 65	V	M	The last line of the description of goods specifies the delivery conditions , e.g. "CIF-HAMBURG"	
:46A:	Documents required	an	100 x 65	V	M	The document description <i>should</i> be structured as follows: 1. Invoice documents 2. Transport documents 3. Insurance documents 4. Other documents	
:47A:	Additional conditions	an	100 x 65	V	O		
:48:	Period for presentation	an	4 x 35	V	O		
:49:	Confirmation instructions	an	7	F	M	Permitted code: "WITHOUT" or "CONFIRM" or "MAY ADD"	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁷	Length in Bytes	variable/fixed	Optional/Mandatory ⁸⁸	Contents/Annotations	Verifications/Examples
:57a:	Beneficiary's Bank					a = Variante "A" or "D" Name and address of the Beneficiary's Bank	
:57A:	Beneficiary's Bank	an	11	V	O	Variant "A": SWIFT.-BIC	
:57D:	Beneficiary's Bank	an	4 x 35	V	O	Variant "D": Name, street, city	
:MLD:	Number of the following reporting data MT-TYP = "T"	n	3	F	M	Constant "000"	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Amendment to a Documentary Credit 707

Field No.	Name	Data format ⁸⁹	Length in Bytes	variable/fixed	optional/mandatory ⁹⁰	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "707"	
:M1:	Reference number of the customer	an	16	V	M		
:M2:	Method of issuance	n	2	F	M	"01" = By telecommunication "02" = By air mail without pre-advice "03" = By air mail with pre-advice by telecommunication "04" = By courier service without pre-advice "05" = By courier service with pre-advice by telecommunication	
:M3:	Courier service	an	35	V	C	Courier service to be ordered (as far as possible)	Only if field :M2: = "04" or "05"
:M4:	Contact person at customer's	an	35	V	O	Contact person for possibly arising requests	Phone number
:M10:	Charges allocation key for the amendment to the documentary credit	n	2	F	M	"00" = Shared charges "01" = All charges are for the applicant's account "02" = All charges are for the beneficiary's account "03" = Other arrangement	

⁸⁹ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁹⁰ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁹	Length in Bytes	variable/fixed	optional/mandatory ⁹⁰	Contents/Annotations	Verifications/Examples
:M11:	Special arrangement for charges	an	6 x 35	V	C		Mandatory if field :M10: = "03"
:M12:	Other customer to bank information	an	6 x 35	V	O		
:20:	Reference number of the issuing bank	an	16	V	M		
:26E:	Number of amendment	N	2	F	O		
:59:	Beneficiary of documentary credit					Account number as well as name and address of the beneficiary of the documentary credit prior to the amendment	:59:/ACC-1234865-21789
	Subfield 1: Account number	an	35	V	O		
	Subfield 2: Beneficiary	an	4 x 35	V	M	:59:/34x	
:31E:	New date of expiry	n	6	F	O	Format: YYMMDD	⁹¹
:32B:	Currency of documentary credit	an	3	F	C	ISO currency code	If field :34B: is present, either field :32B: or :33B: must also be present:
	Increase of documentary credit amount	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	:32B:USD3000,50
:33B:	Currency of documentary credit	an	3	F	C	ISO currency code	If field :34B: is present, either field :32B: or :33B: must also be present:
	Decrease of documentary credit amount	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	:33B:USD3000,50

⁹¹ In case of an amendment to a documentary credit, these fields must not, by any means, contain data of the current documentary credit. In an MT 707 only the amendments to the issued documentary credit are to be specified. In field :34B: no amendment of currency is permitted.

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁹	Length in Bytes	variable/fixed	optional/mandatory ⁹⁰	Contents/Annotations	Verifications/Examples
:34B:	Currency of documentary credit New documentary credit amount after amendment	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	Mandatory if field :32B: or :33B: is present: :34B:USD13000,50 (in case of an increase) :34B:USD6999,50 (in case of a decrease) ⁹¹
:39A:	Percentage credit amount tolerance	n	5	F	C	Format: nn/nn 1st value: positive tolerance in percent 2nd value: negative tolerance in percent	:39A:05/08 If this field is used then field :39B: may not be used ⁹¹
:39B:	Maximum credit amount	an	13	V	C	Permitted code word: "NOT EXCEEDING"	If this field is used then field :39A: may not be used ⁹¹
:39C:	Additional amounts covered	an	4x35	V	O	e.g. freight, interest, insurance	⁹¹
:44A:	Place of taking in charge/dispatch from.../ place of receipt	an	65	V	O		⁹¹
:44E:	Port of loading/airport of departure	an	65	V	O		
:44F:	Port of discharge/airport of destination	an	65	V	O		
:44B:	Place of final destination/for transportation to .../place of delivery	an	65	V	O		⁹¹
:44C:	Latest date of shipment	n	6	F	O	Format: YYMMDD	Must not be later than expiry date in field :31D: ⁹¹

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁸⁹	Length in Bytes	variable/ fixed	optional/ mandatory ⁹⁰	Contents/ Annotations	Verifications/ Examples
:44D:	Shipment period	an	6 x 65	V	C		An allocation to this field is only permitted if field :44C: is unallocated ⁹¹
:79:	Additional conditions	an	70 x 50	V	O		⁹¹
:MLD:	Number of the following report parts MT-TYP = "T"	n	3	F	M	Constant "000"	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Free Format Message 799

Field No.	Name	Data format ⁹²	Length in Bytes	variable/fixed	optional/mandatory ⁹³	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "799"	
:M1:	Reference number of the customer	an	16	V	M		
:20:	Reference number of the issuing bank	an	16	V	M		
:79:	Narrative	an	195 x 50	V	M		
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁹² an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁹³ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

File Trailer Z

Field No.	Name	Data format ⁹⁴	Length in Bytes	variable/fixed	optional/mandatory ⁹⁵	Contents/Annotations	Verifications/Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of issues of MT type "700"	n	3	F	M		
:Z3:	Number of amendments of MT type "707"	n	3	F	M		
:Z4:	Number of free format messages of MT type "799"	n	3	F	M		
:Z5:	Number of free reporting data of MT type "T"	n	3	F	M	Constant "000"	
:Z6:	Sum of the amounts of all currencies in fields :32B: of MT 700 and :34B: of MT 707	n	15	V	M	Calculation without decimal places and output of totals without decimal places If field :34B: of 707 is empty, the value "707" is added. For each 799, the value "799" is added.	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁹⁴ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁹⁵ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

5.3 DTALCR Import Documentary Credit – Notification of Issuance and Amendment of a Documentary Credit (Bank to Customer)

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ⁹⁶	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
<u>Special characters:</u>		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis	")"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

The special German characters Ä, Ö, Ü are encoded as AE, OE, UE, and ß as SS.

Number of occurrences in logical file	Element (each with end of record level)
1	File header AKB
0-n	Execution confirmation and issue of documentary credit 700 or amendment to a documentary credit 707
0-n	Free format message 799
1	File trailer Z

⁹⁶ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

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Appendix 3: Specification of Data Formats

File Header AKB

Field No.	Name	Data format ⁹⁷	Length in Bytes	variable/ fixed	optional/ mandatory ⁹⁸	Contents/ Annotations	Verifications/ Examples
:A1:	Identifier of file header	an	3	F	M	Constant "AKB"	
:A2:	German bank code or SWIFT.-BIC	an	11	V	M	German bank code or SWIFT.-BIC of the sending bank	:A2:25070070 or :A2:DEUTDE2H
:A3:	Customer number	an	23	V	M	Customer number as agreed with the sending bank (account number if necessary)	
:A4:	Receiver	an	4 x 35	V	M	Complementary data to field :A3: Line 1 and 2: Name Line 3: Street/post office box Line 4: City	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

⁹⁷ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

⁹⁸ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Issuance of a Documentary Credit 700

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁰	Contents/ Annotations	Verifications/ Examples
:MT:	MT type	an	3	F	M	Constant "700"	
:M1:	Reference number of the customer	an	16	V	M		:
:M2:	Method of issuance	an	2	F	M	"01" = By telecommunication "02" = By air mail without pre-advice "03" = By air mail with pre-advice by telecommunication "04" = By courier service without pre-advice "05" = By courier service with pre-advice by telecommunication	
:M3:	Courier service	an	35	V	C	Courier service to be ordered (as far as possible)	Only if field :m2: = "04" or "05"
:M4:	Contact person at the bank	an	35	V	O	Contact person for possibly arising requests	Phone number
:M9:	Execution date	n	8	F	M	Format: YYYYMMDD	
:M12:	Other customer to bank information	an	6 x 35	V	O		
:M14:	Advising bank	an	4 x 35	V	M	Name and address of the bank which was commissioned with the advice	

⁹⁹ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁰⁰ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁰	Contents/ Annotations	Verifications/ Examples
:20:	Reference number of the issuing bank	an	16	V	M		
:40A:	Form of documentary credit	an	24	V	M	Permitted code: "IRREVOCABLE" or "IRREVOCABLE STANDBY" or "IRREVOCABLE TRANSFERABLE" or "REVOCABLE" or "REVOCABLE STANDBY" or "REVOCABLE TRANSFERABLE" or "IR- REVOC TRANS STANDBY"	
:31C:	Date of issue	n	6	F	M	Format: YYMMDD	
:40E:	Applicable rules					Permitted code	
	Subfield 1: Rule	an	30	V	M	UCP LATEST VERSION EUCP LATEST VERSION UCPURR LATEST VERSION EUCPURR LATEST VERSION ISP LATEST VERSION OTHR	
	Subfield 2: Description	an	35	V	O	Only if OTHR is used 30x[/35x]	:40E:OTHR/XXXXX

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁰	Contents/ Annotations	Verifications/ Examples
:31D:	Date and place of expiry				M		
	Subfield 1: Date of expiry	n	6	F		Format: YYMMDD	
	Subfield 2: Place of expiry	an	29	V			
:50:	Applicant	an	4 x 35	V	M	Name and address of the ordering party	
:59:	Beneficiary of the documentary credit					Account number as well as name and address of the beneficiary of the documentary credit	:59:/ACC-1234865-21789 Verification: Account number may only be present if field :57a: is present
	Subfield 1: Account number	an	35	V	O		
	Subfield 2: Beneficiary	an	4 x 35	V	M	:59:/34x	
:32B:	Currency of documentary credit amount of documentary credit	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	:32B:USD8795,75
:39A:	Percentage credit amount tolerance	n	5	F	C	Format: nn/nn 1st value: positive tolerance in percent 2nd value: negative tolerance in percent	:39A:05/08 If this field is used then field :39B: may not be used
:39B:	Maximum credit amount	an	13	V	C	Permitted code: "NOT EXCEEDING"	If this field is used then field :39A: may not be used
:39C:	Additional amounts covered	an	4 x 35	V	O	e.g. freight, interest, insurance	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/fixed	optional/mandatory ¹⁰⁰	Contents/Annotations	Verifications/Examples
:41a:	Available with... by ...				M	a = variant "A" or "D" Address of the bank to which the documentary credit is available. Subfield 1, variant "A": SWIFT.-BIC	If subfield 2 = "BY NEGOTIATION", then subfield 1 may consist of: "ANY BANK" or "ANY BANK IN..." (city/country) or the address of a specific bank (e.g. beneficiary's bank, other bank)..
:41A:	Subfield 1: available with	an	11	V		Subfield 1, variant "D": Name, street, city	
:41D:	Subfield 1: available with	an	4 x 35	V		Subfield 2: permitted code: "BY PAYMENT" or "BY ACCEPTANCE" or "BY NEGOTIATION" or "BY DEF PAYMENT" or "BY MIXED PYMT"	
:41A/D:	Subfield 2: by	an	14	V			
:42C:	Drafts at	an	3 x 35	V	C	This field specifies the tenor of the drafts to be drawn under the documentars credit.	May only be present if subfield 2 of field :41D: does <i>not</i> contain "BY DEF PAYMENT" or "BY MIXED PYMT". Mandatory if subfield 2 of field :41D: = "BY ACCEPTANCE".
:42a:	Drawee				C	a = variant "A" or "D" Name and address of the drawn bank	May only be present if subfield 2 of field :41D: does <i>not</i> contain "BY DEF PAYMENT" or "BY MIXED PYMT". Mandatory if a value is allocated to field :42C:
:42A:	Drawee	an	11	V		Variant "A": SWIFT.-BIC	
:42D:	Drawee	an	4 x 35	V		Variant "D": Name, street, city	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/fixed	optional/mandatory ¹⁰⁰	Contents/Annotations	Verifications/Examples
:42M:	Mixed payment details	an	4 x 35	V	C	Particulars on: "BY MIXED PYMT" in field :41D:, subfield 2	Mandatory if field :41D: = "BY MIXED PYMT"
:42P:	Deferred payment details	an	4 x 35	V	C	Particulars on: "BY DEF PAYMENT" in field :41D:, subfield 2	Mandatory if field :41D: = "BY DEF PAYMENT"
:43P:	Partial shipments	an	35	V	O	Permitted code: "ALLOWED" or "NOT ALLOWED"	
:43T:	Transshipment	an	35	V	O	Permitted code: "ALLOWED" or "NOT ALLOWED"	
:44A:	Loading on board/dispatch/taking in charge at/from	an	65	V	O		
:44E:	Port loading/airport of departure	an	65	V	O		
:44F:	Port of discharge/airport of destination	an	65	V	O		
:44B:	Place of final destination/for transportation to ... /place of delivery	an	65	V	O		
:44C:	Latest day of shipment	n	6	F	O	Format: YYMMDD	May not be later than expiry date in field :31D:
:44D:	Shipment period	an	6 x 65	V	C	Allocation is only permitted if no value is allocated to field :44C:	
:45A:	Description of goods and/or services	an	100 x 65	V	M	The last line of the description of goods contains the delivery conditions, e.g. "CIF-HAMBURG"	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/fixed	optional/mandatory ¹⁰⁰	Contents/Annotations	Verifications/Examples
:46A:	Documents required	an	100 x 65	V	M	The document description <i>should</i> be structured as follows: 1. Invoice documents 2. Transport documents 3. Insurance documents 4. Other documents	
:47A:	Additional conditions	an	100 x 65	V	O		
:71B:	Charges	an	6 x 35	V	M		
:48:	Period for presentation	an	4 x 35	V	O		
:49:	Confirmation instructions	an	7	F	M	Permitted code: "WITHOUT" or "CONFIRM" or "MAY ADD"	
:53a:	Reimbursing bank					a = Variant "A" or "D" Name and address of the reimbursing bank	
:53A:	Reimbursing bank	an	11	V	O	Variant "A": SWIFT.-BIC	
:53D:	Reimbursing bank	an	4 x 35	V	O	Variant "D": Name, street, city	
:78:	Instructions to the paying, accepting or negotiating bank	an	12 x 65	V	O		
:57a:	Beneficiary's bank					a = Variant "A" or "D" Name and address of the Beneficiary's bank	
:57A:	Beneficiary's bank	an	11	V	O	Variant "A": SWIFT.-BIC	
:57D:	Beneficiary's bank	an	4 x 35	V	O	Variant "D": Name, street, city	
:72:	Bank-to-Bank information	an	6 x 35	V	O		

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ⁹⁹	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁰	Contents/ Annotations	Verifications/ Examples
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Amendment to a Documentary Credit 707

Field No.	Name	Data format ¹⁰¹	Length in Bytes	variable/fixed	optional/mandatory ¹⁰²	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "707"	
:M1:	Reference number of the customer	an	16	V	M		
:M2:	Method of issuance	n	2	F	M	"01" = By telecommunication "02" = By air mail without pre-advice "03" = By air mail with pre-advice by telecommunication "04" = By courier service without pre-advice "05" = By courier service with pre-advice by telecommunication	
:M3:	Courier service	an	35	V	C	Courier service to be ordered (as far as possible)	Only if field :M2: = "04" or "05"
:M4:	Contact person at the bank	an	35	V	O	Contact person for possibly arising requests	
:M9:	Execution date	n	8	F	M	Format: YYYYMMDD	
:M12:	Other customer to bank information	an	6 x 35	V	O		
:20:	Reference number of the issuing bank	an	16	V	M		

¹⁰¹ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁰² M = Mandatory, O = Optional, C = Conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹⁰¹	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰²	Contents/ Annotations	Verifications/ Examples
:30:	Date of amendment	an	6	F	M	Format: YYMMDD	
:26E:	Number of amendment	n	2	F	O		
:59:	Beneficiary of the documentary credit					Account number as well as name and address of the beneficiary of the documentary credit prior to the amendment	:59:/ACC-1234865-21789
	Subfield 1: Account number	an	35	V	O	:59:/34x	
	Subfield 2: Beneficiary	an	4 x 35	V	M		
:31E:	New date of expiry	n	6	F	O	Format: YYMMDD	
:32B:	Currency of documentary credit	an	3	F	C	ISO currency code	If field :34B: is present, either field :32B: or :33B: must also be present: :32B:USD3000,50
	Increase of documentary credit amount	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	
:33B:	Currency of documentary credit	an	3	F	C	ISO currency code	If field :34B: is present, either field :32B: or :33B: must also be present: :33B:USD3000,50
	Decrease of documentary credit amount	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	
:34B:	Currency of documentary credit	an	3	F	C	ISO currency code	Mandatory if field :32B: or :33B: is present: :34B:USD13000,50 (in case of an increase) :34B:USD6999,50 (in case of a decrease)
	New documentary credit amount after amendment	n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas.	
:39A:	Percentage credit amount tolerance	n	5	F	C	Format: nn/nn 1st value: positive tolerance in percent 2nd value: negative tolerance in percent	:39A:05/08 If this field is used then field :39B: may not be used

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹⁰¹	Length in Bytes	variable/fixed	optional/mandatory ¹⁰²	Contents/Annotations	Verifications/Examples
:39B:	Maximum credit amount	an	13	V	C	Permitted code: "NOT EXCEEDING"	If this field is used then field :39A: may not be used.
:39C:	Additional amounts covered	an	4x35	V	O	e.g. freight, interest, insurance	
:44A:	Place of taking in charge/dispatch from .../ place of receipt	an	65	V	O		
:44E:	Port of loading/airport of departure	an	65	V	O		
:44F:	Port of discharge/airport of destination	an	65	V	O		
:44B:	Place of final destination/for transportation to... / place of delivery	an	65	V	O		
:44C:	Latest day of shipment	n	6	F	O	Format: YYMMDD	Must not be later than expiry date in field :31D:
:44D:	Shipment period	an	6 x 65	V	C		An allocation to this field is only permitted if field :44C: is unallocated
:79:	Additional conditions	an	70 x 50	V	O		
:72:	Bank to bank information	an	6 x 35	V	O		
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Free Format Message 799

Field No.	Name	Data format ¹⁰³	Length in Bytes	variable/fixed	optional/mandatory ¹⁰⁴	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant "799"	
:M1:	Reference number of the customer	an	16	V	M		
:20:	Reference number of the issuing bank	an	16	V	M		
:79:	Narrative	an	195 x 50	V	M		
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹⁰³ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁰⁴ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

File Trailer Z

Field No.	Name	Data format ¹⁰⁵	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁶	Contents/ Annotations	Verifications/ Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of issues MT typ "700"	n	3	F	M		
:Z3:	Number of amendments MT type "707"	n	3	F	M		
:Z4:	Number of free format messages MT type "799"	n	3	F	M		
:Z6:	Sum of the amounts of all currencies in fields :32B: of MT 700 and :34B: of MT 707	n	15	V	M	Calculation without decimal places and output of totals without decimal places If field :34B: of 707 is empty, the value "707" is added. For each 799, the value "799" is added.	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹⁰⁵ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁰⁶ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

5.4 DTAEAD Export Documentary Credit – Presentation of Documents (Bank to Customer)

1. The message "Acknowledgement of receipt of documents 770" is used to acknowledge the receipt of documents. For each maturity a separate message has to be sent. In the case of a deferred payment, the maturity date will be reported if it is already known at the time the message is sent. Otherwise, the maturity is reported at a later date by using the message "Information about maturity date 775". If follow-up messages are generated ("Information about maturity date", "Advice of Settlement", "Advice of charges"), the message "Acknowledgement of receipt of documents" is obligatory.
2. The message "Information about maturity date 775" is used to indicate the respective maturity date unless it has been reported in the message "Acknowledgement of receipt of documents 770". For each maturity a separate message has to be sent.
3. The message "Advice of settlement 780" is used as a report of the settlement of documents. The reporting of commission and charges may either be included in the same message or may be reported as a separate message of the type "Advice of charges 785".
4. The message "Advice of charges 785" is used for the report of commission and charges.

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ¹⁰⁷	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
<u>Special characters:</u>		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis)"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

The special German characters Ä, Ö, Ü are encoded as AE, OE, UE, and ß as SS.

¹⁰⁷ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

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Appendix 3: Specification of Data Formats

Number of occurrences in logical file	Element (each with end of record level)
1	File header EAD
0-n	Acknowledgement of receipt of documents 770
0-n	Information about maturity date 775
0-n	Advice of settlement 780 or Advice of charges 785
1	File trailer Z

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Appendix 3: Specification of Data Formats

File Header EAD

Field No.	Name	Data format ¹⁰⁸	Length in Bytes	variable/ fixed	optional/ mandatory ¹⁰⁹	Contents/ Annotations	Verifications/ Examples
:A1:	Identifier of file header	an	3	F	M	Constant "EAD"	
:A2:	German bank code or SWIFT.-BIC	an	11	V	M	German bank code or SWIFT.-BIC of the sending bank	:A2:50040000 or :A2:COBADEFF
:A3:	Receiver's customer number	an	23	V	M	Customer number as agreed with the sending bank (e.g. account number)	
:A4:	Receiver	an	4 x 35	V	O	Complementary data to field :A3: Line 1 and 2: name Line 3: street/post office box Line 4: city	
:A5:	File identifier	an	8	F	O	For customer inquiries concerning the transmitted file: Current day of the year (three digits) Constant ":" Time Code HHMM	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹⁰⁸ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹⁰⁹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Acknowledgement of receipt of documents 770

Field No.	Name	Data format ¹¹⁰	Length in Bytes	variable/fixed	optional/mandatory ¹¹¹	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant: "770" = Acknowledgement of receipt of documents For each maturity, a separate message has to be generated.	
:M1:	SWIFT. address of the advising bank	an	11	V	O	This field contains the name of the bank to which the documents have been presented for settlement (usually the advising bank). If, however, the beneficiary of the documentary credit does <i>not</i> present the documents to the advising bank for settlement, the settling bank, but not the formerly advising bank is allocated to this field. The contents may differ from the original DTAEA.	8 or 11 digits
:M2:	Address of the advising bank	an	4x35	V	M	Default order: name, street/POB, city (country) See also notes to field :M1:	
:M3:	Reference number of the advising bank	an	16	V	M	See also notes to field :M1:	

¹¹⁰ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹¹¹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁰	Length in Bytes	variable/fixed	optional/mandatory ¹¹¹	Contents/Annotations	Verifications/Examples
:M25:	Additional reference number of the advising bank	an	16	V	O	Specification of an additional reference number of the advising bank for the settlement of documents or charges (if available). See also notes on field :M1:	
:M4:	Contact person at the advising bank	an	35	V	M	See also notes on field :M1:	Michael Mueller
	Subfield: phone number	an	35	V	M		069/123456-65
:M7:	Remarks of the advising bank	an	100 x 65	V	O	See also notes on field :M1:	
:M11:	Documentary credit number	an	16	V	M		
:M20:	Customer reference	an	16	V	M		
:M26:	Date of the presentation of documents	n	8	F	M	Format: YYYYMMDD	
:M53:	Dispatch of documents	n	1	F	O	Constant: "0" = air mail "1" = courier service	
	Subfield 1: name of the courier service	an	35	V	O		
	Subfield 2: number of the courier service	an	35	V	O		
:M27:	Date of the message	n	8	F	M	Format: YYYYMMDD	
:M28:	Total amount of the utilization	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁰	Length in Bytes	variable/fixed	optional/mandatory ¹¹¹	Contents/Annotations	Verifications/Examples
:M29:	Amount payable at sight	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory if field :M55: is still unallocated If a value is allocated to this field, no value may be allocated to field :M55: nor field :M56:	USD3000,00
:M55:	Deferred payment/acceptance amount (definite date)	n an n	8 3 15	F F V	C	Maturity according to format YYYYMMDD ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory if no value is allocated to field :M29: nor field :M56: If a value is allocated to this field, no value may be allocated to field :M29: nor field :M56:	20030418USD3000,00
:M56:	Deferred payment/acceptance amount (indefinite date)	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory if no value is allocated to field :M29: nor field :M55: If a value is allocated to this field, no value may be allocated to field :M29: nor field :M56: If a value is allocated to this field, the report of maturity is sent along with the data record designated for this purpose, "775" = Information about maturity date	USD3000,00

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁰	Length in Bytes	variable/fixed	optional/mandatory ¹¹¹	Contents/Annotations	Verifications/Examples
:M31:	Discrepancy remark	n	1	F	M	<i>Constants:</i> "0" = without discrepancies "1" = with internal discrepancies "2" = with external discrepancies "3" = against payment authorisation "4" = on collection basis – documents sent "5" = on collection basis – documents not sent yet In case of "2", "3", "4", or "5", internal discrepancies may also exist.	
:M32:	Internal discrepancies	an	50X65	V	O		
:M33:	External discrepancies	an	50X65	V	O		
:M34:	Discrepancies agreed upon with	an	35	V	O		
:M35:	Liability remark	an	1	F	M	<i>Constants:</i> "A" = acceptance with obligation to pay "B" = acceptance without obligation to pay "D" = deferred payment with obligation to pay "E" = deferred payment without obligation to pay "S" = sight payment with obligation to pay "T" = sight payment without obligation to pay	
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

Information about maturity date 775

Field No.	Name	Data format ¹¹²	Length in Bytes	variable/ fixed	optional/ mandatory ¹¹³	Contents/ Annotations	Verifications/ Examples
:MT:	MT type	an	3	F	M	Constant: "775" = Information about maturity date For each maturity, a separate message has to be generated.	
:M1:	SWIFT. address of the advising bank	an	11	V	O	This field contains the name of the bank to which the documents have been presented for settlement (usually the advising bank). If, however, the beneficiary of the documentary credit does <i>not</i> present the documents to the advising bank for settlement, the settling bank, but not the formerly advising bank is allocated to this field. The contents may differ from the original DTAEA.	8 or 11 digits
:M2:	Address of the advising bank	an	4x35	V	M	Default order: name, street/POB, city (country). See also notes on field :M1:	
:M3:	Reference number of the advising bank	an	16	V	M	See also notes on field :M1:	
:M25:	Additional reference number of the advising bank	an	16	V	O	Specification of an additional reference number of the advising bank for the settlement of documents or charges (if available). See also notes on field :M1:	

¹¹² an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹¹³ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹²	Length in Bytes	variable/ fixed	optional/ mandatory ¹¹³	Contents/ Annotations	Verifications/ Examples
:M4:	Contact person at the advising bank	an	35	V	M	See also notes on field :M1:	Michael Mueller
	Subfield: Phone number	an	35	V	M		069/123456-65
:M7:	Comments of the advising bank	an	100 x 65	V	O	See also notes on field :M1:	
:M11:	Documentary credit number	an	16	V	M		
:M20:	Customer reference	an	16	V	M		
:M26:	Date of the presentation of documents	n	8	F	M	Format: YYYYMMDD	
:M27:	Date of the message	n	8	F	M	Format: YYYYMMDD	
:M28:	Total amount of the utilization	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00
:M55:	Deferred payment/Acceptance amount (Definite date)	n an n	8 3 15	F F V	M	Format of maturity date: YYYYMMDD ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	20030418USD3000,00
:M35:	Liability remark	an	1	F	M	Constant: "A" = acceptance with obligation to pay "B" = acceptance without obligation to pay "D" = deferred payment with obligation to pay "E" = deferred payment without obligation to pay The following constants are not used with this message: "S" = sight payment with obligation to pay "T" = sight payment without obligation to pay	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹²	Length in Bytes	variable/ fixed	optional/ mandatory ¹¹³	Contents/ Annotations	Verifications/ Examples
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

Advice of settlement 780, Advice of charges 785

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/ fixed	optional/ mandatory ¹¹⁵	Contents/ Annotations	Verifications/ Examples
:MT:	MT type	an	3	F	M	Constants: "780" = Advice of settlement "785" = Advice of charges	
:M1:	SWIFT. address of the advising bank	an	11	V	O	This field contains the name of the bank to which the documents have been presented for settlement (usually the advising bank). If, however, the beneficiary of the documentary credit does <i>not</i> present the documents to the advising bank for settlement, the settling bank, but not the formerly advising bank is allocated to this field. The contents may differ from the original DTAEA.	8 or 11 digits

¹¹⁴ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹¹⁵ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/fixed	optional/mandatory ¹¹⁵	Contents/Annotations	Verifications/Examples
:M2:	Address of the advising bank	an	4x35	V	M	Default order: name, street/POB, city (country). See also notes on field :M1:	
:M3:	Reference number of the advising bank	an	16	V	M	See also notes on field :M1:	
:M25:	Additional reference number of the advising bank	an	16	V	O	Specification of an additional reference number of the advising bank for the settlement of documents or charges (if available). See also notes on field :M1:	
:M4:	Contact person at the advising bank Subfield: Phone number	an	35	V	M	See also notes on field :M1:	Michael Mueller
		an	35	V	M		069/123456-65
:M7:	Comments of the advising bank	an	100 x 65	V	O	See also notes on field :M1:	
:M11:	Documentary credit number	an	16	V	M		
:M20:	Customer reference	an	16	V	M		
:M26:	Date of the presentation of documents	n	8	F	C	Format: YYYYMMDD Mandatory for Advice of settlement „780“	
:M27:	Date of the message	n	8	F	M	Format: YYYYMMDD	
:M28:	Total amount of the utilization	an	3	F	C	ISO currency code	USD10000,00
		n	15	V		Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory for Advice of settlement „780“	

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Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/fixed	optional/mandatory ¹¹⁵	Contents/Annotations	Verifications/Examples
:M36:	Settlement amount	ann	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. The settlement amount refers only to the amount effectively settled and <i>not</i> to the equivalent document value. Mandatory for Advice of settlement "780"	Example: Total amount of utilization = USD 10.000,00. The terms and conditions of the documentary credit stipulate a payment rate of 10% at sight and a deferred payment of 90%. According to this example, the settlement amount would be USD 1.000,00.
:M37:	Less external expenses	ann	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD150,75
:M38:	Less agent's commission	ann	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	
:M39:	Less assigned/transferred amount	ann	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	
:M40:	Variable amount minus	ann	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	
:M41:	Variable amount plus	ann	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/fixed	optional/mandatory ¹¹⁵	Contents/Annotations	Verifications/Examples
:M42:	Commission and charges	an	15x35	V	O	Permitted code: /ACPTCOM/ = Acceptance commission /ADVCOM/ = Advising commission /AMNDCOM/ = Amendment commission /CMTCOM/ = Commitment commission /COMM/ = charges /CONFCOM/ = Confirmation commission /COUR/ = Courier charges /DEFCON/ = Deferred payment commission /DSCRPCOM/ = Discrepancies fee /FORFAIT/ = Forfeiting charges /HANDLCOM/ = Handling commission /INTEREST/ = interest /MISC/ = other charges /NEGCOM/ = Negotiation commission /NOTFCOM/ = Notification commission /OBSER/ = Observation charges /PAYCOM/ = Payment commission /POST/ = postage /PREADCOM/ = Pre-advice commission /PURCH/ = negotiation charges /REMB/ = Reimbursement charges /SWIFT/ = SWIFT. charges /TELECHAR/ = Teletransmission charges /TRANSCOM/ = Transfer charges	/AMNDCOM/USD50,00 Only one expenses code may appear per line. Each line has to be concluded with <CR><LF>. Each expenses code may be used only once per message. If a value is allocated to this field, field :M54: must be empty.

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/fixed	optional/mandatory ¹¹⁵	Contents/Annotations	Verifications/Examples
:M54:	Calculation of charges	an	15x65	V	O	<i>/Expenses code/CurrencyAmount/Rate/Constant/Days/Factor/MIN-MAX</i> Expenses code = Codes of field :M42: CurrencyAmount = Currency and amount of expenses Rate = Fixed amount or percent/permill rate Days = Days for the interest calculation Factor = how often the fixed amount is calculated (e.g. 3 x amendment commission = factor 3) MIN-MAX = minimum or maximum <i>Constant:</i> <i>"1" = fixed amount</i> <i>"2" = percentage rate flat</i> <i>"3" = permill rate flat</i> <i>"4" = percentage rate p.a.</i> <i>"5" = permill rate p.a.</i> <i>"6" = percentage rate p.q. (per quarter)</i> <i>"7" = permill rate p.q. (per quarter)</i> <i>"8" = percentage rate p.m. (per month)</i> <i>"9" = permill rate p.m. (per month)</i> No entry: //	Examples: Advising comm. 1‰ 250.00 Euro Max. = <i>/ADVCOM/EUR250,00/1,0/3//MAX</i> Def. payment comm. 650.00 Euro at 1,5% p.a. for 21 days = <i>/DEFCON/EUR650,00/1,5/4/21//</i> Amendment 150.00 Euro (3x50) = <i>/AMNDCOM/EUR150,00/50,00/1//3/</i> Only one expenses code may appear per line. Each line has to be concluded with <CR><LF>. Each expenses code may be used only once per message. If a value is allocated to this field, field :M42: must be empty.
:M43:	Credit amount	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory for Advice of settlement "780"	USD150,00

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/fixed	optional/mandatory ¹¹⁵	Contents/Annotations	Verifications/Examples
:M44:	Rate	N	12	V	O	Integers and decimal places are separated by commas.	1,13435
:M45:	Equivalent amount in Euro	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	EUR150,00
:M46:	ISO currency code of currency of the account for the credit entry	an	3	F	C	Mandatory for Advice of settlement "780"	
:M47:	German bank code/account number or SWIFT.-BIC/account number or IBAN for the credit entry	an	35	V	C	Mandatory if a value is allocated to field :M46:	
:M48:	Value	n	8	F	M	Format: YYYYMMDD If the credit amount is forwarded to another bank, this field contains the value of the amount that is made available to the bank.	
:M49:	Sum of commissions and charges	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory in case of Advice of charges "785", or if a value is allocated to field :M50: ISO currency code of the account number for charges.	USD150,00
:M50:	ISO currency code of currency of the account for charges	an	3	F	C	Mandatory in case of Advice of charges "785" May also be allocated in Advice of settlement "780".	

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹¹⁴	Length in Bytes	variable/ fixed	option- al/ manda- tory ¹¹⁵	Contents/ Annotations	Verifications/ Examples
:M51:	German bank code/account number or SWIFT.-BIC/account number or IBAN for charges	an	35	V	C	Mandatory if a value is allocated to field :M50:. May also be allocated in Advice of settlement "780".	
:M52:	Reservation identifier	n	1	F	C	Constant: "0" = unreserved "1" = payment under reserve Mandatory in case of Advice of settlement "780"	
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

File Trailer Z

Field No.	Name	Data format ¹¹⁶	Length in Bytes	variable/ fixed	optional/ mandatory ¹¹⁷	Contents/ Annotations	Verifications/ Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of messages of type 770	n	3	F	M		
:Z3:	Number of messages of type 775	n	3	F	M		
:Z4:	Number of messages of types 780 and 785 messages	n	3	F	M		
:Z6:	Sum of the amounts of all currencies in fields :M28: of the 770s :M55: of the 775s :M43: of the 780s :M49: of the 785s	n	15	V	M	Calculation without decimal places and output of totals without decimal places	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹¹⁶ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹¹⁷ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

5.5 DTALCA Import Documentary Credit – Taking up documents (Customer to Bank)

The message "Taking up documents 732" contains the information whether documents are taken up in spite of discrepancies.

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ¹¹⁸	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
Special characters:		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis	")"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

The special German characters Ä, Ö, Ü are encoded as AE, OE, UE, and ß as SS.

Number of occurrences in logical file	Element (each with end of record level)
1	File header AID
0-n	Taking up documents 732
1	File trailer Z

¹¹⁸ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

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Appendix 3: Specification of Data Formats

File Header AID

Field No.	Name	Data format ¹¹⁹	Length in Bytes	variable/fixed	optional/mandatory ¹²⁰	Contents/Annotations	Verifications/Examples
:A1:	Identifier of file header	an	3	F	M	Constant "AID"	
:A2:	German bank code or SWIFT.-BIC code	an	11	V	M	German bank code or SWIFT.-BIC of the receiving bank	:A2:50040000 or :A2:COBADEFF
:A3:	Customer number	an	23	V	M	Organizational number according to the agreement with the receiving bank (account number if necessary)	
:A4:	Applicant	an	4 x 35	V	M	Complementary data to field :A3: Line 1 and 2: name Line 3: street/post office box Line 4: city	
:A5:	Date of application	n	8	F	M	Format : YYYYMMDD	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹¹⁹ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹²⁰ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Taking up documents 732

Field No.	Name	Data format ¹²¹	Length in Bytes	variable/fixed	optional/mandatory ¹²²	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant: "732" = Taking up documents	
:M1:	Reference number of the customer	an	16	V	M		
:M4:	Contact person at customer's	an	35	V	O	In addition to the name, a telephone number may be specified.	
:M17:	Documentary credit number of the issuing bank	an	16	V	M		
:M18:	Additional reference of the issuing bank	an	16	V	O	Specification of an additional reference number of the issuing bank for the settlement of documents or charges (if available).	
:M5:	ISO currency code of currency of the account for debiting the utilization	an	3	F	M	ISO currency code of currency of the account for debiting utilization and of charges unless field :M8: is used for the debiting of charges	EUR

¹²¹ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹²² M = Mandatory, O = Optional, C = Conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹²¹	Length in Bytes	variable/fixed	optional/mandatory ¹²²	Contents/Annotations	Verifications/Examples
:M6:	German bank code/account number or SWIFT.-BIC/account number or IBAN for debiting the utilization	an	35	V	M	German bank code or SWIFT.-BIC and account number for debiting utilization and charges unless field :M8: is used for charge debit.	:M6:50040000/0807088000 oder :M6:COBEDEFF/0807088000 oder :M6:DE10500400000807088000
:M7:	ISO currency code of currency of the account for debiting the charges	an	3	F	C	ISO currency code of currency of the account for the debiting of charges	EUR
:M8:	German bank code/account number or SWIFT.-BIC/account number or IBAN for debiting the charges	an	35	V	C	German bank code or SWIFT.-BIC and account number für debiting the charges. Mandatory if a value is allocated to field :M7:	:M8:50040000/0807088000 oder :M8:COBEDEFF/0807088000 oder :M8:DE10500400000807088000
:M21:	Date of the document presentation	n	8	F	M	Format: YYYYMMDD Date when the remittance of documents was received by the issuing bank	
:M22:	Date of message	n	8	F	M	Format: YYYYMMDD	
:M23:	Total amount of the utilization	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹²¹	Length in Bytes	variable/fixed	optional/mandatory ¹²²	Contents/Annotations	Verifications/Examples
:M40:	Documents taken up	n	1	F	M	Constant "0" = Taking up of documents refused "1" = Authorisation to take up documents in spite of the mentioned discrepancies	
:M12:	Other customer/bank information	an	6x35	V	C	Mandatory if constant "0" has been selected for field :M40: (Documents taken up).	
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

File trailer Z

Field No.	Name	Data format ¹²³	Length in Bytes	variable/fixed	optional/mandatory ¹²⁴	Contents/Annotations	Verifications/Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of messages of type "732" Documents taken up	n	3	F	M		
:Z3:	Sum of the amounts of all currencies in field :M23:	n	15	V	M	Calculation without decimal places and output of totals without decimal places	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹²³ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹²⁴ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

5.6 DTALCD Import Documentary Credit – Presentation of Documents (Bank to Customer)

1. The message "Advice of discrepancies 771" indicates information on discrepancies contained in the documents and requests whether documents are to be taken up in spite of these discrepancies. For each presentation of a document, a separate message has to be generated.
2. The message "Advice of maturity 776" informs about an according maturity. This message is obligatory in case of a maturity at sight as well as after sight. For each maturity, a separate message has to be sent.
3. The message "Advice of settlement 781" conveys information on the settlement of documents. The same message may also contain information on commissions and charges. However, commissions and charges may be reported separately using the message "Advice of charges 786".
4. The message "Advice of charges 786" is used exclusively for commissions and charges.

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

Permitted character set ¹²⁵	Characters	Hexadecimal Code
Numeric characters	0 to 9	X '30' to X '39'
Upper-case letters	A to Z	X '41' to X '5A'
Lower case letters	a to z	X '61' - X '7A'
<u>Special characters:</u>		
Blank	" "	X '20'
Full stop	"."	X '2E'
Comma	","	X '2C'
Hyphen	"_"	X '2D'
Slash	"/"	X '2F'
Plus sign	"+"	X '2B'
Colon	":"	X '3A'
Left parenthesis	"("	X '28'
Right parenthesis	")"	X '29'
Apostrophe	"'"	X '27'
Question mark	"?"	X '3F'

¹²⁵ Encoding as per DIN 66003 (June 1974), code table 2, German reference version.

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Appendix 3: Specification of Data Formats

The special German characters Ä, Ö, Ü are encoded as AE, OE, UE, and ß as SS.

Number of occurrences in logical file	Element (each with end of record level)
1	File header AKD
0-n	Advice of discrepancies 771
0-n	Advice of maturity 776
0-n	Advice of settlement 781 or Advice of charges 786
1	File trailer Z

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Appendix 3: Specification of Data Formats

File Header AKD

Field No.	Name	Data format ¹²⁶	Length in Bytes	variable/fixed	optional/mandatory ¹²⁷	Contents/Annotations	Verifications/Examples
:A1:	Identifier of file header	an	3	F	M	Constant "AKD"	
:A2:	German bank code or SWIFT.-BIC	an	11	V	M	German bank code or SWIFT.-BIC of the sending bank	:A2:50040000 or :A2:COBADEFF
:A3:	Customer number of Receiver	an	23	V	M	Customer number as agreed with the sending bank (account number if necessary)	
:A4:	Receiver	an	4 x 35	V	O	Complementary data to field :A3: Line 1 and 2: name Line 3: street/post office box Line 4: city	
:A5:	File identifier	an	8	F	O	For customer inquiries concerning the transmitted file: Current day of the year (three digits) Constant ":" Time Code: HHMM	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹²⁶ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹²⁷ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Advice of discrepancies 771

Field No.	Name	Data format ¹²⁸	Length in Bytes	variable/fixed	optional/mandatory ¹²⁹	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant: "771" = Advice of discrepancies For each presentation of a document a separate message has to be generated.	
:M15:	SWIFT. address of the issuing bank	an	11	V	O		8 or 11 digits
:M16:	Address of the issuing bank	an	4x35	V	M	Default order: name, street/POB, city (country)	
:M17:	Documentary credit number of the issuing bank	an	16	V	M		
:M18:	Additional reference of the issuing bank	an	16	V	O	Specification of an additional reference number of the issuing bank for the settlement of documents or charges (if available).	
:M19:	Contact person at the issuing bank	an	35	V	M		Michael Mueller
	Subfield: telephone number	an	35	V	M		069/123456-65
:M20:	Remarks of the issuing bank	an	100 x 65	V	O		
:M1:	Reference number of the customer	an	16	V	M		

¹²⁸ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹²⁹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹²⁸	Length in Bytes	variable/fixed	optional/mandatory ¹²⁹	Contents/Annotations	Verifications/Examples
:M21:	Date of the document presentation	n	8	F	M	Format: YYYYMMDD Date when the remittance of documents was received by the issuing bank	
:M22:	Date of message	n	8	F	M	Format: YYYYMMDD	
:M23:	Total amount of the utilization	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00
:M24:	Discrepancies	A	70x50	V	M		
:M25:	Latest date for taking up the documents	N	8	F	M	Format: YYYYMMDD	
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Appendix 3: Specification of Data Formats

Advice of maturity 776

Field No.	Name	Data format ¹³⁰	Length in Bytes	variable/fixed	optional/mandatory ¹³¹	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constant: "776" = Advice of maturity For each maturity, a separate message is to be generated.	
:M15:	SWIFT. address of the issuing bank	an	11	V	O		8 or 11 digits
:M16:	Address of the issuing bank	an	4x35	V	M	Default order: name, street/POB, city (country)	
:M17:	Documentary credit number of the issuing bank	an	16	V	M		
:M18:	Additional reference number of the issuing bank	an	16	V	O	Specification of an additional reference number of the issuing bank for the settlement of documents or charges (if available).	
:M19:	Contact person at the issuing bank	an	35	V	M		Michael Mueller
	Subfield: telephone number	an	35	V	M		069/123456-65
:M20:	Remarks of the issuing bank	an	100 x 65	V	O		
:M1:	Reference number of the customer	an	16	V	M		

¹³⁰ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹³¹ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Appendix 3: Specification of Data Formats

Field No.	Name	Data format ¹³⁰	Length in Bytes	variable/fixed	optional/mandatory ¹³¹	Contents/Annotations	Verifications/Examples
:M21:	Date of the document presentation	n	8	F	M	Format: YYYYMMDD Date when the remittance of documents was received by the issuing bank	
:M22:	Date of message	n	8	F	M	Format: YYYYMMDD	
:M23:	Total amount of the utilization	an n	3 15	F V	M	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00
:M26:	Amount payable at sight	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory if field :M27: is empty. If a value is allocated to this field, field :M27: must be empty.	USD10000,00
:M27:	Deferred payment/acceptance amount	n an n	8 3 15	F F V	C	Maturity according to format YYYYMMDD ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory if no value is allocated to field :M26:. If a value is allocated to this field, field:M26: must be empty.	20030418USD3000,00
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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Advice of settlement 781, Advice of charges 786

Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:MT:	MT type	an	3	F	M	Constants:"781" = Advice of settlement "786" = Advice of charges	
:M15:	SWIFT. address of the issuing bank	an	11	V	O		8 or 11 digits
:M16:	Address of the issuing bank	an	4x35	V	M	Default order: name, street/POB, city (country)	
:M17:	Documentary credit number of the issuing bank	an	16	V	M		
:M18:	Additional reference number of the issuing bank	an	16	V	O	Specification of an additional reference number of the issuing bank for the settlement of documents or charges (if available)	
:M19:	Contact person at the issuing bank	an	35	V	M		Michael Mueller
	Subfield: telephone number	an	35	V	M		069/123456-65
:M20:	Remarks of the issuing bank	an	100 x 65	V	O		
:M1:	Reference number of the customer	an	16	V	M		

¹³² an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹³³ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

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Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:M21:	Date of the document presentation	n	8	F	C	Format: YYYYMMDD Date when the remittance of documents was received by the issuing bank. Mandatory for Advice of settlement "781"	
:M22:	Date of message	n	8	F	M	Format: YYYYMMDD	
:M23:	Total amount of the utilization	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory for Advice of settlement "781"	USD10000,00
:M28:	Settlement amount	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. The settlement amount refers only to the amount effectively settled and <i>not</i> , for example, to the equivalent document value Mandatory for Advice of settlement "781"	Example: Total amount of utilization = USD 10.000,00. The terms and conditions of the documentary credit stipulate a payment rate of 10% at sight and a deferred payment of 90%. According to this example, the settlement amount would be USD 1.000,00.
:M29:	Reduction of liability	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD10000,00
:M30:	Plus external expenses	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	USD150,75

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Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:M32:	Variable amount minus	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	
:M33:	Variable amount plus	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	
:M34:	Commissions and charges	an	15x35	V	O	Permitted code: /ACCPTECOM/ = Acceptance commission /AMNDCOM/ = Amendment commission /CANCCOM/ = Cancellation commission /COMFEE/ = Irrevocability fee /COMM/ = charges /COUR/ = Courier charges /CTAGE/ = Conversion fee /DEFECOM/ = Deferred payment commission /DSCRPCOM/ = Discrepancies fee /FREE/ = Delivery without charge /HANDLCOM/ = Handling commission /INTEREST/ = interest /MISC/ = other charges /OPCOM/ = Opening commission /OBSER/ = Observation commission /PAYCOM/ = Payment commission /POST/ = postage /PREADCOM/ = Pre-advice commission /RELCOM/ = Release commission /SWIFT/ = SWIFT. charges /TELECHAR/ = Teletransmission charges /TRANSCOM/ = Transfer commission	/AMNDCOM/USD50,00 Only one expenses code may appear per line. Each line has to be concluded with <CR><LF>. Each expenses code may be used only once per message. If a value is allocated to this field, field :M41: must be empty.

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Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:M41:	Calculation of charges	an	15x65	V	O	/Expenses code/CurrencyAmount/Rate/ Constant/Days/Factor/MIN-MAX Expenses code = Codes of field :M34: CurrencyAmount = Currency and amount of expenses Rate = Fixed amount or percent/permill rate Days = Days for the interest calculation Factor = how often the fixed amount is calculated (e.g. 3 x amendment commission = factor 3) MIN-MAX = minimum or maximum Constant: "1" = fixed amount "2" = percentage rate flat "3" = permill rate flat "4" = percentage rate p.a. "5" = permill rate p.a. "6" = percentage rate p.q. (per quarter) "7" = permill rate p.q. (per quarter) "8" = percentage rate p.m. (per month) "9" = permill rate p.m. (per month) No entry: //	Examples: Irrevocability fee 3‰ p.q. 75.00 Euro Min. = /COMFEE/EUR75,00/3,0/ 7///MIN Def. payment comm. 650.00 Euro at a rate of 1,5% p.a. for 21 days = /DEFCON/EUR650,00/1,5 /4/21// Amendment 150.00 Euro (3x50) = /AMNDCOM/EUR150,00/ 50,00/1//3/ Only one expenses code may appear per line. Each line has to be concluded with <CR><LF>. Each expenses code may be used only once per message. If a value is allocated to this field, field :M34: must be empty.
:M35:	Debit amount	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory for Advice of settlement "781"	USD11500,00

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Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:M36:	Rate	n	12	V	O	Integers and decimal places are separated by commas.	1,13435
:M37:	Equivalent amount in Euro	an n	3 15	F V	O	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas.	EUR10137,96
:M5:	ISO currency code of currency of the account for the utilization	an	3	F	C	ISO currency code of currency of the account for debiting utilization and charges if field :M8: is not used for debiting the charges. Mandatory in case of Advice of settlement "781"	EUR
:M6:	German bank code/account number or IBAN or SWIFT.-BIC/account number for debiting the utilization	an	35	V	C	German bank code or SWIFT.-BIC and account number for debiting utilization and charges if field :M8: is not used for debiting the charges. Mandatory if a value is allocated to field :M5:	:M6:50040000/080708800 oder :M6:COBEDEFF/0807088000 oder :M6:DE10500400000807088000
:M38:	Value	n	8	F	M	Format: YYYYMMDD	
:M39:	Sum of commissions and expenses	an n	3 15	F V	C	ISO currency code Amount with up to three decimal places, integers and decimal places are separated by commas. Mandatory in case of Advice of charges "786", or if a value is allocated to field :M7:	USD150,00
:M7:	ISO currency code of currency of the account for charges	an	3	F	C	Mandatory in case of Advice of charge "786" May also be allocated in Advice of settlement "781".	EUR

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Field No.	Name	Data format ¹³²	Length in Bytes	variable/fixed	optional/mandatory ¹³³	Contents/Annotations	Verifications/Examples
:M8:	German bank code/account number or SWIFT.-BIC/account number or IBAN for the debiting of charges	an	35	V	C	Mandatory if a value is allocated to field :M7: May also be allocated in Advice of settlement "781".	:M8:50040000/080708800 oder :M8:COBEDEFF/0807088000 oder :M8:DE10500400000807088000
-	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

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File Trailer Z

Field No.	Name	Data format ¹³⁴	Length in Bytes	variable/fixed	optional/mandatory ¹³⁵	Contents/Annotations	Verifications/Examples
:Z1:	Identifier of file trailer	an	1	F	M	Constant "Z"	
:Z2:	Number of messages of type 771	n	3	F	M		
:Z3:	Number of messages of type 776	n	3	F	M		
:Z4:	Number of messages of types 781 and 786	n	3	F	M		
:Z6:	Sum of the amounts of all currencies in fields :M23: of the 771s :M23: of the 776s :M35: of the 781s :M39: of the 786s	n	15	V	M	Calculation without decimal places and output of totals without decimal places	
–	End of record level	an	1	F	M	Hyphen (X'2D')	Code as per ISO 8859

¹³⁴ an = alphanumeric, n = numeric data. Alphanumeric characters in ASCII code are positioned left-justified and filled up to the right with blanks (X'20'). Numeric characters are positioned right-justified and the remaining digits are filled up to the left with zeros (X'30').

¹³⁵ M = mandatory, O = optional, C = conditional (condition in column "Verifications/Examples")

6 Guarantees

6.1 General introduction and overview

The Guarantee messages defined in this chapter are to be meant for usage of Foreign Guarantees as well as Domestic Guarantees transactions.

Definition of the term Guarantee:

Wherever, the term Guarantee appears in this document it should be understood as a synonym for: GUARANTEE, SURETY, SURETY PAYABLE ON FIRST DEMAND as well as STANDBY LETTER OF CREDIT.

Alignment with the international SWIFT SCORE messages for Guarantees:

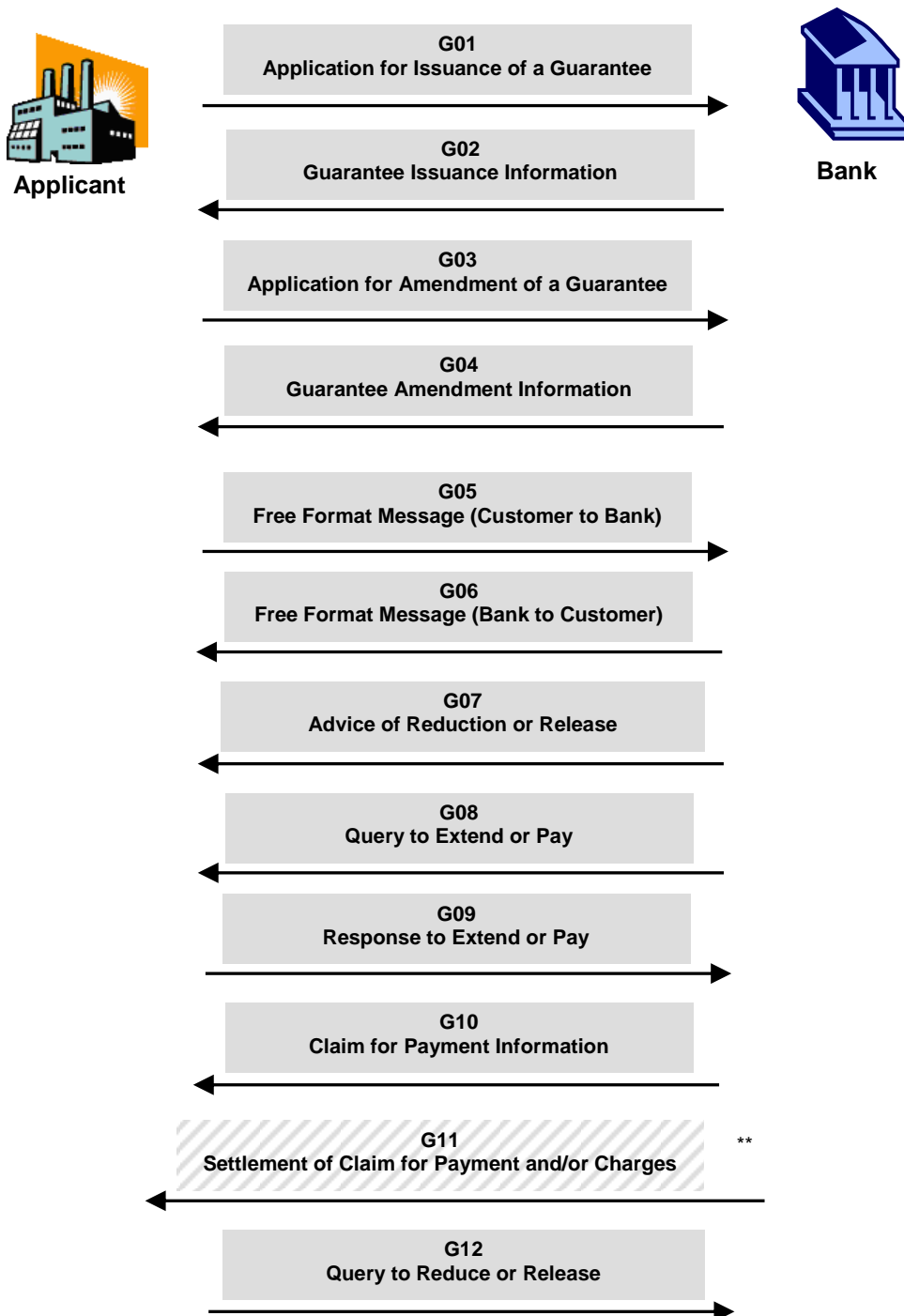
The following standard messages (G01 – G07) have been aligned with the respective SWIFT SCORE messages *from a business perspective*.

DK Guarantee Message	SWIFT SCORE Message
G01 = Application for Issuance of a Guarantee	MT798 – Sub-Message Type (761 and 760) Application for Issuance of Guarantee / Standby Letter of Credit
G02 = Guarantee Issuance Information	MT798 – Sub-Message Type (762 and 760) Notification of Guarantee / Standby Letter of Credit
G03 = Application for Amendment of a Guarantee	MT798 – Sub-Message Type (763 and 767) Request for amendment of Guarantee / Standby Letter of Credit
G04 = Guarantee Amendment Information	MT798 – Sub-Message Type (764 and 767) Notification of amendment of Guarantee / Standby Letter of Credit
G05 = Free Format Message (Customer to Bank)	MT798 – Sub-Message Type (788 and 799) Free Format Message (Customer to Bank)
G06 = Free Format Message (Bank to Customer)	MT798 – Sub-Message Type (789 and 799) Free Format Message (Bank to Customer)
G07 = Advice of Reduction or Release	MT798 – Sub-Message Type (766 and 769) Advice of Reduction or Release

Kindly note, that the following fields have been defined in a different format to SWIFT fields:

F1	Text of Guarantee (as requested by Applicant or Beneficiary)	250*65x
F2	Text of issued Guarantee or Request to issue a Guarantee	300*65x
F3	Text of Amendment	200*65x
F4	Narrative	50*65x
F5	Further Narrative	200*65

6.1.1 Message overview for Guarantees on behalf of a customer



** This message is still in development.

6.1.2 Message overview for Guarantees in favor of a customer

The following messages may be part of a later release of the "Specification of Data Formats":

- Advice of a Guarantee (Bank to Customer)
- Advice of an Amendment of a Guarantee (Bank to Customer)
- Amendment Response (Customer to Bank)
- Bank Free Format Message (Bank to Customer)
- Customer Free Format Message (Customer to Bank)
- Claim for Payment / Extend or Pay Request (Customer to Bank)
- Claim for Payment / Extend or Pay Acknowledgement (Bank to Customer)
- Request to Reduce or Release (Customer to Bank)
- Advice of Reduction or Release (Bank to Customer)

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6.1.3 Overview of EBICS Order Types for Guarantees

Identification	Text	Record length	Bits	Format
GUK	Send Guarantee Messages (Issuance, Amendment, Free Format)	-1	7	G01, G03 and G05
GUB	Download Guarantee Messages (Issuance, Amendment, Free Format, Advice of Reduction or Release)	-1	7	G02, G04, G06 and G07
GFK	Send Guarantee Consecutive Messages (Response to Extend or Pay Query, Request for Reduction or Release)	-1	7	G09 and G12
GFB	Download Guarantee Consecutive Messages (Query to Extend or Pay, Claim for Payment Information, Settlement of Claim for Payment and/or Charges)	-1	7	G08, G10 and G11

6.1.4 Legend and General Message Syntax Definition for Guarantees

LEGEND		
Status	M	Mandatory
	O	Optional
	C	Conditional
Usage Details	DEFN	Definition
	RULE	Usage Rule. Must be adhered to.
	GUID	Usage Guidance. Recommended practice.
	CODE	Applicable Code Values
	NOTE	Remark
Format	a	alphabetic, capital letters (A through Z), upper case only
	c	alpha-numeric capital letters (upper case) and digits only
	n	numeric, digits (0 through 9) only
	x	SWIFT X set: A to Z a to z 0 to 9 / Slash - Hyphen ? Question mark : Colon (Left parenthesis) Right parenthesis . Full stop , Comma ' Apostrophe + Plus sign Space
	!	Fixed length
	d	decimals, including decimal comma ',' preceding the fractional part. The fractional part may be missing, but the decimal comma must always be present.
Codes		Or

All fields, including end of record level, are concluded with <CR><LF> (X'0D0A').

The special German characters Ä, ä, Ö, ö, Ü, ü are encoded as AE, ae, OE, oe, UE, ue and ß as ss.

The known SWIFT syntax rules applies (e.g. no colon or dash at the beginning of each line is allowed, etc.).

6.1.5 File Structure Overview**File Header A**

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:A1:	Identifier of the File Header	3!c (Code)	M	DEFN: This field indicates the order type. CODES: GUK = Send Guarantee Messages GUB = Download Guarantee Messages GFK = Send Guarantee Consecutive Messages GFB = Download Guarantee Consecutive Messages
:A2:	German Bank Code or SWIFT BIC	11x	M	DEFN: This field specifies the German Bank Code (i.e. Bankleitzahl) or SWIFT-BIC of the receiving or sending bank.
:A3:	Customer Number	23x	M	DEFN: This field specifies the customer number as agreed with the receiving or sending bank (e.g. account number).
:A4:	Customer Data	4*35x (Narrative)	M	DEFN: This field indicates complementary data to field :A3: GUID: The following order is recommended: Line 1 and 2: name Line 3: street / post office box Line 4: city
:A5:	File Creation Date Time	8!n4!n (Date) (Time)	M	DEFN: This field specifies the file creation date and time. RULE: The required format is YYYYMMDDHHMM
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

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File Trailer Z

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:Z1:	Identifier of the File Trailer	1!c (Code)	M	DEFN: This field indicates the file trailer. RULE: Field content is always Z.
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

File Structure

Number of occurrences in logical file	Element (each with end of record level)
1	File Header A, e.g. GUK = Send Guarantee Messages
1	Guarantee message, e.g. G01 = Application for Issuance of a Guarantee
1	File Trailer Z

One file may only contain one guarantee message, i.e. no bulk messages are allowed.

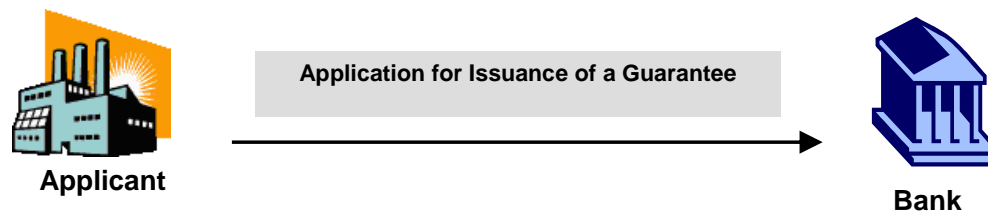
6.2 Application for Issuance of a Guarantee G01

6.2.1 Message Scope and Message Flow

An “Application for Issuance of a Guarantee” message is send by the Applicant to the Bank, to request this bank to issue a guarantee on behalf of the Applicant and in favor of the Beneficiary (i.e. the form of the guarantee is direct).

If applicable, the Applicant can instruct the bank that a direct guarantee, for identification and transmission purposes, is to be advised to the Beneficiary via a third-party bank (i.e. Advising Bank), normally in the beneficiary's country of domicile.

It could also be used to instruct the bank to issue a request to a Correspondent Bank to issue a guarantee in favor of the Beneficiary in return for its counter-liability/counter-guarantee (i.e. the form of the guarantee is indirect).



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6.2.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the Message Type. RULE: Field content is always G01.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	O	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction. RULE: This field must specify a guarantee number, pre-assigned by the bank.
:22D:	Kind of Guarantee	4!c (Code)	M	DEFN: This field specifies the kind of the guarantee. CODES: GUAR = GUARANTEE STLC = STANDBY LETTER OF CREDIT SPDM = SURETY PAYABLE ON FIRST DEMAND SURT = SURETY
:22K:	Type of Guarantee	4!c[/35x] (Type of Guarantee) (Narrative)	M	DEFN: This field specifies the type of the guarantee. CODES: TEND = TENDER GUARANTEE ADVP = ADVANCE PAYMENT GUARANTEE PGDO = PERFORMANCE GUARANTEE (DELIVERY OBLIGATION) PGWO = PERFORMANCE GUARANTEE (WARRANTY OBLIGATION) PGCO = PERFORMANCE GUARANTEE (CONTRACTUAL OBLIGATION) PAYM = PAYMENT GUARANTEE CRED = CREDIT FACILITIES GUARANTEE BILL = BILL OF LADING GUARANTEE LEAS = LEASE GUARANTEE CUST = CUSTOMS GUARANTEE OTHR = any other guarantee type, which must be specified in narrative (2nd subfield) RULE: The narrative may only be used in combination with 'OTHR' to specify in free text form the type of guarantee.

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:22E:	Form of Guarantee	4!c (Code)	M	<p>DEFN: This field specifies the form of the guarantee.</p> <p>CODES:</p> <p>DIRC = DIRECT</p> <p>INDC = INDIRECT</p>
:40C:	Applicable Rules	4!a[/35x] (Type)(Narrative)	M	<p>DEFN: This field specifies the rules the guarantee is subject to, in its latest applicable version.</p> <p>Unless otherwise specified, it is also terminates the rules the counter-guarantee is subject to.</p> <p>CODES:</p> <p>NONE = not subject to any rules</p> <p>URDG = subject to ICC Uniform Rules for Demand Guarantees</p> <p>ISPR = subject to International Standby Practices</p> <p>OTHR = subject to another set of rules, be specified in narrative (2nd subfield)</p> <p>RULE: The narrative may only be used in combination with 'OTHR' to specify in free text form the applicable rule.</p>
:22J:	Wording of Guarantee	4!c (Code)	M	<p>DEFN: This field specifies the type of wording of the guarantee.</p> <p>CODES:</p> <p>STND = STANDARD WORDING OF ISSUING BANK</p> <p>WDAP = WORDING DRAFTED BY APPLICANT</p> <p>WDBF = WORDING DRAFTED BY BENEFICIARY</p> <p>RULE: If this field consists of WDAP or WDBF, field F1 must be used to specify the wording of the guarantee.</p>
:22B:	Special Terms	4!c (Code)	C	<p>DEFN: This field specifies any special terms that should apply to the guarantee in case that the wording of the guarantee should be the standard wording of the Issuing Bank.</p> <p>CODES</p> <p>EFCT = INCL. TERMS OF EFFECTIVENESS</p> <p>REDC = INCL. TERMS OF REDUCTION</p> <p>EFRE = INCL. TERMS OF EFFECTIVENESS AND TERMS OF REDUCTION</p> <p>RULE: This field may only be present if field 22J contains code STND</p>

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(STANDARD WORDING OF ISSUING BANK).

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:22L:	Language of Standard Wording	2!c (Code)	C	DEFN: This field specifies the language of the standard wording of the Issuing Bank, i.e. 2 alphabetic ISO Language Code as per ISO 639 (e.g. EN = English, DE = German). RULE: This field must be present if field 22J contains code STND (STANDARD WORDING OF ISSUING BANK).
:F1:	Text of Guarantee (as requested by Applicant or Beneficiary)	250*65x	C	DEFN: This field specifies the text of the guarantee as requested by the Applicant or Beneficiary. RULE: This field must be present if field 22J consists of WDAP or WDBF.
:50:	Applicant	4*35x (Name & Address)	M	DEFN: This field specifies the Applicant for the guarantee (i.e. the party to be considered by the issuing bank to be the debtor/obligor).
:50M:	Alternative Applicant	4*35x (Name & Address)	O	DEFN: This field specifies the alternative Applicant for the guarantee (i.e. the party to be mentioned in the Guarantee, if different to the Applicant specified in field 50).
:12E:	Indicator of Alternative Beneficial Owner	4!c (Code)	C	DEFN: This field indicates, in case that an Alternative Applicant exists, whether the Applicant is acting on its own behalf or for account of a Third Party. CODES OWNB = ON OWN BEHALF ACTP = FOR ACCOUNT OF THIRD PARTY RULE: This field must be present if field 50M (Alternative Applicant) is present.
:39P:	Guarantee Amount	4!c/3!a15d (Type)(Currency)(Amount)	M	DEFN: This field specifies the type of guarantee amount, the currency code amount of the guarantee. CODES: PRIN = PRINCIPAL LIABILITY ONLY IINT = INCLUDING INTEREST ICST = INCLUDING COSTS IIAC = INCLUDING INTEREST AND COSTS XINT = PLUS INTEREST XCST = PLUS COSTS XIAC = PLUS INTEREST AND COSTS

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:39C:	Additional Amounts / Interest Covered	4*35x (Narrative)	C	DEFN: This field specifies any additional amounts covered by the guarantee in free text form, such as interest and/or costs. RULE: This field must be present if field 39P contains one of the following codes: XINT, XCST or XIAC.
:23B:	Validity Type	4!c (Type)	M	DEFN: This field specifies whether the validity of the guarantee is limited or unlimited. CODES: LIMT = LIMITED UNLM = UNLIMITED
:31L:	Validity Expiry Date	6!n (Date)	C	DEFN: This field specifies the expiry date of the guarantee. RULE: This field may only be present if field 23B contains code LIMT. RULE: The required format is: YYMMDD
:31S:	Approximate Expiry Date	6!n (Date)	C	DEFN: This field specifies the approximate expiry date of the guarantee (unlimited validity), i.e. the economic maturity as per the underlying transaction. RULE: This field may only be present if field 23B contains code UNLM. RULE: The required format is: YYMMDD
:35L:	Specification of Expiry	4*35x (Narrative)	C	DEFN: This field specifies the expiry of the guarantee in free text form, in cases that the expiry cannot be expressed as a date, e.g. 180 days after issuance of guarantee. RULE: This field must be present if field 23B contains code LIMT and field 31L is not present.

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:23E:	Method of Transmission	4!c[/30x] (Method)(Additional Information)	O	<p>DEFN: This field specifies the method by which the guarantee is to be transmitted to the Advising Bank, if applicable. It could also specify the method by which the request to issue a guarantee is transmitted to the Issuing Bank.</p> <p>CODES:</p> <p>TELE = BY TELECOMMUNICATION COUR = BY COURIER</p> <p>RULE: Additional information may only be used when the method is COUR to optionally specify the name of the courier.</p>
:24E:	Delivery of original guarantee	4!c[/30x] (Method)(Additional Information)	O	<p>DEFN: This field specifies the method by which the original guarantee is to be delivered.</p> <p>CODES:</p> <p>COUR = BY COURIER MAIL = BY MAIL REGM = BY REGISTERED MAIL OR AIRMAIL MESS = BY MESSENGER - PICKUP BY CUSTOMER</p> <p>RULE: Additional information may only be used when the method is COUR to optionally specify the name of the courier.</p> <p>RULE: This field may only specify code MESS if field 22G (Delivery to) contains code APPL (APPLICANT).</p>
:22G:	Delivery to	4!c (Code)	O	<p>DEFN: This field specifies to whom the original of the Guarantee is to be delivered.</p> <p>CODES:</p> <p>BENE = BENEFICIARY APPL = APPLICANT ALTA = ALTERNATIVE APPLICANT SPEC = SPECIFIED ADDRESS</p>
:50B:	Delivery Address	4*35x (Name & Address)	C	<p>DEFN: This field specifies to whom the original of the Guarantee is to be delivered.</p> <p>RULE: This field may only be used when field 22G is SPEC.</p>

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:53C:	Liability Account	/34x (Account)	O	DEFN: This field specifies the number of the liability account nominated by the Applicant. RULE: The specification of the account number could be in IBAN format. Both for IBAN and account number the currency code as per ISO-format must be at the beginning (e.g. EURDE10500999000105461321).
:25A:	Charges Account	/34x (Account)	O	DEFN: This field specifies the number of account nominated by the Applicant to be used for settlement of charges. RULE: The specification of the account number could be in IBAN format. Both for IBAN and account number the currency code as per ISO-format must be at the beginning (e.g. EURDE10500999000105461321).
:59:	Beneficiary	[/34x] (Account) 4*35x (Name & Address)	M	DEFN: This field specifies the party in favor of which the guarantee is being issued. RULE: Subfield account is not used.
:52a:	Issuing Bank	A [/1!a]/[34x] (Party Identifier) 4!a2!a2!c[3!c] (Identifier Code) D [/1!a]/[34x] (Party Identifier) 4*35x (Name & Address)	C	DEFN: This field specifies the issuing bank. RULE: When specified in option A, the identifier code must be the SWIFT BIC8 or BIC11 of the issuing bank. RULE: this field may only be used when field 22E consists of INDC (INDIRECT).
:58a:	Advising Bank	A [/1!a]/[34x] (Party Identifier) 4!a2!a2!c[3!c] (Identifier Code) D [/1!a]/[34x] (Party Identifier) 4*35x	C	DEFN: This field specifies the advising bank. RULE: When specified in option A, the identifier code must be the SWIFT BIC8 or BIC11 for the advising bank. RULE: This field may only be used when field 22E consists of DIRC (DIRECT).

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(Name & Address)

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Appendix 3: Specification of Data Formats

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:49:	Confirmation Indicator	7!x (Instruction)	C	DEFN: This field indicates whether the Advising Bank is requested to add its confirmation to the advice of the guarantee. CODES: CONFIRM WITHOUT RULE: This field must be present if field 58a (Advising Bank) is present.
:26D:	Liability Details	30*65x (Narrative)	M	DEFN: This field indicates a brief description of the guaranteed liability.
:20E:	Reference	4!c//35x (Code)(Reference)	O	DEFN: This field defines a reference associated with the guarantee. CODES: TEND = INVITATION TO TENDER ORDR = ORDER CONT = CONTRACT OFFR = OFFER DELV = DELIVERY PINV = PROFORMA INVOICE PROJ = PROJECT NOTE: The code and the reference number are separated by a double slash, e.g. TEN//0815.
:31R:	Reference Date	6!n[/6!n] (Date 1)(Date 2)	O	DEFN: This field specifies the date of the reference, and optionally a secondary date. RULE: Subfield Date2 may only be used when field 20E consists of TEND (Tender) to specify the tender closing date. RULE: The required format is: YYMMDD
:71F:	Total Order/Contract Amount	3!a15d (Currency)(Amount)	O	DEFN: This field specifies the currency and total amount of the order/contract. RULE: The currency must be the same currency as in field 39P (Guarantee Amount).

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Appendix 3: Specification of Data Formats

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:37J:	Guarantee Value in Percent	12d	O	DEFN: This field specifies the guarantee value in percent in relation to the total order or contract value. GUID: The indication in percent may consist of 3 decimal places and up to 8 fractional places.
:29A:	Customer Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the corporate.
:29D:	Beneficiary Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the beneficiary.
:72C:	Corporate to Bank Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the corporate (Applicant) to the bank (Receiver of the message).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.2.3 Example

Narrative:

Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY has signed a contract with Mining PLC, Main Road, Oslo, NORWAY regarding the delivery of pumps and equipment.

The contract is comprised of the following:

Contract Number: ABC123

Contract Date: 05th February 2008

Total Contract Amount: EUR 500.000,00

It has been agreed between the Buyer and the Seller, that the Seller needs to provide a standard Performance Guarantee for 10 % of the total contract value valid until the 31st December 2008.

On 05th May 2008 Pumpen AG instructs its bank, i.e. Avalbank AG in Frankfurt to issue a standard Performance Guarantee in English in favor of the buyer.

The guarantee should be delivered to the Beneficiary by registered mail or airmail.

The seller's contact is John Sixpack and the reference number for this transaction is XYZ999

All charges of the Avalbank AG shall be debited to the Pumpen AG's EURO charges account number 0105461321.

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Appendix 3: Specification of Data Formats

Message:

Explanation	Message
Identifier of File Header	:A1:GUK
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200805051130
End of Record Level	-
Message Type	:MT:G01
Customer Reference Number	:21A:YXZ999
Kind of Guarantee	:22D:GUAR
Type of Guarantee	:22K:PGDO
Form of Guarantee	:22E:DIRC
Applicable Rules	:40C:NONE
Wording of Guarantee	:22J:STND
Language of Standard Wording	:22L:EN
Applicant	:50:Pumpen AG Postfach 60599 Frankfurt GERMANY
Guarantee Amount	:39P:PRIN/EUR50000,00
Validity Type	:23B:LIMT
Validity Expiry Date	:31L:081231
Delivery of original guarantee	:24E:REGM
Delivery to	:22G:BENE

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Appendix 3: Specification of Data Formats

Message: (continued)

Explanation	Message
Charges Account	:25A:/EURDE10500999000105461321
Beneficiary	:59:Mining PLC Main Road Oslo NORWAY
Liability Details	:26D:pumps and equipment
Reference	:20E:CONT//ABC123
Reference Date	:31R:080205
Total Order/Contract Amount	:71F: EUR500000,
Guarantee Value in Percent	:37J:10
Customer Contact	:29A:John Sixpack
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

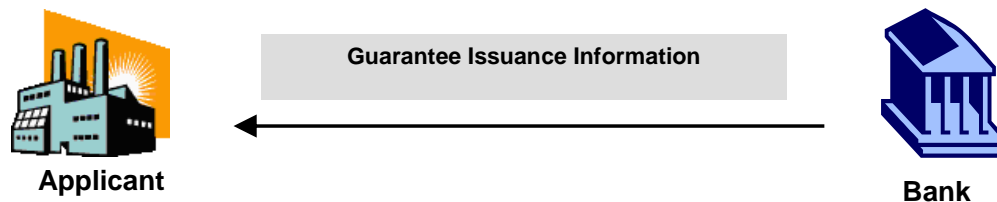
6.3 Guarantee Issuance Information G02

6.3.1 Message Scope and Message Flow

A "Guarantee Issuance Information" message is sent by the bank to the Applicant, to confirm to the Applicant that a guarantee has been issued by that bank on the basis of the Applicant's previously given instructions (i.e. the form of the guarantee is direct).

If applicable, it indicates that the direct guarantee, for identification and transmission purposes, has been advised to the Beneficiary via a third-party bank (i.e. Advising Bank), normally in the beneficiary's country of domicile.

It could also be used to inform the Applicant, that the bank has issued a request to a Correspondent Bank to issue a guarantee in favor of the Beneficiary in return for its counter-liability / counter-guarantee (i.e. the form of the guarantee is indirect).



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Appendix 3: Specification of Data Formats

6.3.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the Message Type. RULE: Field content is always G02.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:31C:	Date of Issue or Request to Issue	6!n (Date)	M	DEFN: This field specifies the date of issue of the guarantee (direct guarantee) or the date of the request to issue a guarantee (indirect guarantee). RULE: The required format is: YYMMDD
:39P:	Guarantee Amount	4!c/3!a15d (Type)(Currency)(Amount)	M	DEFN: This field specifies the type of guarantee amount, the currency code of the amount and the amount of the guarantee. CODES: PRIN = PRINCIPAL LIABILITY ONLY IINT = INCLUDING INTEREST ICST = INCLUDING COSTS IIAC = INCLUDING INTEREST AND COSTS XINT = PLUS INTEREST XCST = PLUS COSTS XIAC = PLUS INTEREST AND COSTS
:23B:	Validity Type	4!c (Type)	M	DEFN: This field specifies whether the validity of the guarantee is limited or unlimited. CODES: LIMT = LIMITED UNLM = UNLIMITED
:31L:	Validity Expiry Date	6!n (Date)	C	DEFN: This field specifies the expiry date of the guarantee. RULE: This field may only be present if field 23B contains code LIMT. RULE: The required format is: YYMMDD

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Appendix 3: Specification of Data Formats

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:31S:	Approximate Expiry Date	6!n (Date)	C	DEFN: This field specifies the approximate expiry date of the guarantee (unlimited validity), i.e. the economic maturity as per the underlying transaction. RULE: This field may only be present if field 23B contains code UNLM. RULE: The required format is: YYMMDD
:50:	Applicant	4*35x (Name & Address)	M	DEFN: This field specifies the Applicant for the guarantee (i.e. the party to be considered by the Issuing Bank to be the debtor/obligor).
:50M:	Alternative Applicant	4*35x (Name & Address)	O	DEFN: This field specifies the Alternative Applicant for the guarantee (i.e. the party to be mentioned in the guarantee, if different to the Applicant specified in field 50).
:59:	Beneficiary	[/34x] (Account) 4*35x (Name & Address)	M	DEFN: This field specifies the party in favor of which the guarantee is being issued. GUID: Subfield account must not be used.
:52a:	Issuing Bank	A [/1!a]/[34x] (Party Identifier) 4!a2!a2!c[3!c] (Identifier Code) D [/1!a]/[34x] (Party Identifier) 4*35x (Name & Address)	O	DEFN: This field specifies the Issuing Bank. RULE: When specified in option A, the identifier code must be the SWIFT BIC8 or BIC11 of the Issuing Bank.
:58a:	Advising Bank	A [/1!a]/[34x] (Party Identifier) 4!a2!a2!c[3!c] (Identifier Code) D [/1!a]/[34x] (Party Identifier)	O	DEFN: This field specifies the Advising Bank. RULE: When specified in option A, the identifier code must be the SWIFT BIC8 or BIC11 for the Advising Bank.

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Appendix 3: Specification of Data Formats

4*35x
(Name & Address)

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:F2:	Text of issued Guarantee or Request to issue a Guarantee	300*65x	M	DEFN: This field indicates the text of the guarantee as issued by the bank (direct guarantee) or the text of the guarantee requested to be issued (indirect guarantee). NOTE: In case that the field should indicate contents in a SWIFT message format, the colon must not be used at the beginning of each line.
:49H:	Special agreements	50*65x (Narrative)	O	DEFN: This field indicates any special agreements between the customer and the bank for the specified guarantee.
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.3.3 Example

Narrative:

On 06th May 2008 Avalbank AG in Frankfurt issues its Performance Guarantee number PGFFA0815 based on the previously given instructions by Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY and in favor of Mining PLC, Main Road, Oslo, NORWAY with the following details:

Performance Guarantee No . PGFFA0815

We have been informed that you, Mining PLC, Main Road, Oslo NORWAY, hereinafter called the BUYER have concluded the contract No. ABC123 of 05th February 2008, hereinafter called the CONTRACT, with Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY, hereinafter called the SELLER, according to which the SELLER will deliver to the BUYER pumps and equipment, in the total value of EUR 500.000,00.

As agreed the SELLER has to provide a bank guarantee in favor of the BUYER, amounting to 10 percent of the total value, i.e. EUR 500.000,00 , to cover the fulfillment of the SELLER's obligations under the CONTRACT.

In consideration of the aforesaid, we, Avalbank Aktiengesellschaft, Frankfurt, Germany, hereby issue the guarantee on behalf of the SELLER towards the BUYER in the maximum amount of

EUR 50.000,00 (in words: EUR fifty thousand 00/100)

and undertake irrevocably without consideration of any objections and defenses of the SELLER or third parties and irrespective of the validity and legal effect of the CONTRACT and waiving any objections arising there from to pay to the BUYER any amount claimed from us by the BUYER up to the maximum amount of this guarantee upon receipt of the BUYER's first demand in writing, in which the BUYER simultaneously confirms that the SELLER is in breach of its obligations towards the BUYER under the CONTRACT.

The obligation under this guarantee shall expire on 31st December 2008.

Any claim for payment complying with the above conditions must be received by us within the validity period of this guarantee.

This guarantee shall be governed by the law of the Federal Republic of Germany. Exclusive place of jurisdiction shall be Frankfurt (Main) GERMANY.

On the same day Avalbank notifies the Applicant (i.e. Pumpen AG) about the issuance of the guarantee.

Avalbank's contact is Arthur Dent.

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Message:

Explanation	Message
Identifier of File Header	:A1:GUB
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200805061245
End of Record Level	-
Message Type	:MT:G02
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
Date of Issue or Request to Issue	:31C:080506
Guarantee Amount	:39P:PRIN/EUR50000,00
Validity Type	:23B:LIMIT
Validity Expiry Date	:31L:081231
Applicant	:50:Pumpen AG Postfach 60599 Frankfurt GERMANY
Beneficiary	:59:Mining PLC Main Road Oslo NORWAY

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Appendix 3: Specification of Data Formats

Message: (continued)

Explanation	Message
Text of issued Guarantee or Request to issue a Guarantee	<p>:F2:Performance Guarantee No . PGFFA0815</p> <p>We have been informed that you, Mining PLC, Main Road, Oslo NORWAY, hereinafter called the BUYER have concluded the contract No. ABC123 of 05th February 2008, hereinafter called the CONTRACT, with Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY, hereinafter called the SELLER, according to which the SELLER will deliver to the BUYER pumps and equipment, in the total value of EUR 500.000,00.</p> <p>As agreed the SELLER has to provide a bank guarantee in favor of the BUYER, amounting to 10 percent of the total value, i.e. EUR 500.000,00 , to cover the fulfillment of the SELLER's obligations under the CONTRACT.</p> <p>In consideration of the aforesaid, we, Avalbank Aktiengesellschaft, Frankfurt, Germany, hereby issue the guarantee on behalf of the SELLER towards the BUYER in the maximum amount of EUR 50.000,00 (in words: EUR fifty thousand 00/100) and undertake irrevocably without consideration of any objections and defenses of the SELLER or third parties and irrespective of the validity and legal effect of the CONTRACT and waiving any objections arising there from to pay to the BUYER any amount claimed from us by the BUYER up to the maximum amount of this guarantee upon receipt of the BUYER's first demand in writing, in which the BUYER simultaneously confirms that the SELLER is in breach of its obligations towards the BUYER under the CONTRACT.</p> <p>The obligation under this guarantee shall expire on 31st December 2008.</p> <p>Any claim for payment complying with the above conditions must be received by us within the validity period of this guarantee.</p> <p>This guarantee shall be governed by the law of the Federal Republic of Germany. Exclusive place of jurisdiction shall be</p>

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	Frankfurt (Main) GERMANY.
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Message: (continued)

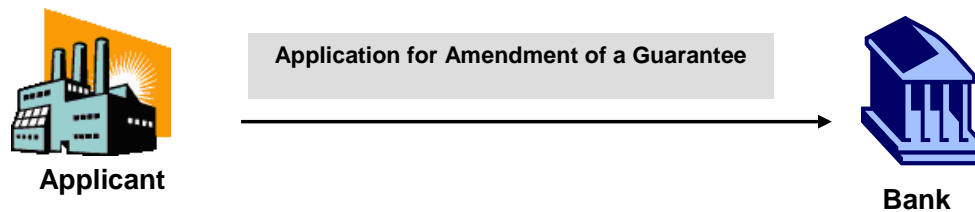
Explanation	Message
Bank Contact	:29B:Arthur Dent
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

6.4 Application for Amendment of a Guarantee G03

6.4.1 Message Scope and Message Flow

An “Application for Amendment of a Guarantee” message is send by the Applicant to the Bank, to request this Bank to issue an amendment to a guarantee on behalf of the Applicant (i.e. direct guarantee).

It could also be used to instruct the bank to issue a request to a Correspondent Bank to issue an amendment to a guarantee in return for its counter-liability / counter-guarantee (i.e. indirect guarantee).



6.4.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G03.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:26E:	Number of Amendment	2n (Number)	O	DEFN: This field specifies the number which identifies this amendment. RULE: This number starts at 01 and is incremented by 1 for each subsequent amendment to the same guarantee.
:32B:	Increase of Guarantee Amount	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency and amount of an increase in the guarantee amount. RULE: The currency of the amount must be in the same currency as the original guarantee amount.
:33B:	Decrease of Guarantee Amount	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency code and amount of a decrease in the guarantee amount. RULE: The currency of the amount must be in the same currency as the original guarantee amount.
:23B:	New Validity Type	4!c (Type)	O	DEFN: This field specifies whether the amended validity of the guarantee is limited or unlimited. CODES: LIMT = LIMITED UNLM= UNLIMITED
:31L:	New Validity Expiry Date	6!n (Date)	O	DEFN: This field specifies the new expiry date of the guarantee (limited validity) in case of an amendment.

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RULE: The required format is: YYMMDD

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:31S:	New Approximate Expiry Date	6!n (Date)	C	DEFN: This field specifies the new approximate expiry date of the guarantee (unlimited validity) in case of an amendment, i.e. the economic maturity as per the underlying transaction. RULE: This field may only be present if field 23B contains code UNLM. RULE: The required format is: YYMMDD
:77C:	Amendment Details	150*65x (Narrative)	O	DEFN: This field specifies any other amendments in free text form.
:23E:	Method of Transmission	4!c[/35x] (Method)(Additional Information)	O	DEFN: This field specifies the method by which the amendment is to be transmitted to the Advising Bank, if applicable. It could also specify the method by which the request to issue an amendment is transmitted to the Issuing Bank. CODES: TELE = BY TELECOMMUNICATION COUR = BY COURIER RULE: Additional information may only be used when the method is COUR to optionally specify the name of the courier.
:24D:	Delivery of original amendment	4!c[/35x] (Method)(Additional Information)	O	DEFN: This field specifies the method by which the original amendment is to be delivered. CODES: COUR = BY COURIER MAIL = BY MAIL REGM = BY REGISTERED MAIL OR AIRMAIL MESS = BY MESSENGER - PICKUP BY CUSTOMER RULE: Additional information may only be used when the method is COUR to optionally specify the name of the courier. RULE: This field may only specify code MESS if field 22G (Delivery to) contains code APPL (APPLICANT).

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:22G:	Delivery to	4!c (Code)	O	DEFN: This field specifies to whom the original of the guarantee is to be delivered. CODES: BENE = BENEFICIARY APPL = APPLICANT ALTA = ALTERNATIVE APPLICANT SPEC = SPECIFIED ADDRESS
:50B:	Delivery Address	4*35x (Name & Address)	C	DEFN: This field specifies to whom the original of the guarantee is to be delivered. RULE: This field may only be used when field 22G is SPEC.
:29A:	Customer Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the corporate.
:72C:	Corporate to Bank Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the corporate (Applicant) to the bank (receiver of the message).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

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6.4.3 Example

Narrative:

On 21st June 2008 Pumpen AG instructs its bank, i.e. Avalbank AG in Frankfurt to amend the Performance Guarantee Number PGFFA0815 (Customer Reference XYZ999) as follows: Please extend the guarantee until 30th June 2009.

The guarantee amendment should be delivered to the Beneficiary by registered mail or airmail. This is the first amendment for the guarantee.

Message:

Explanation	Message
Identifier of File Header	:A1:GUK
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200806210850
End of Record Level	-
Message Type	:MT:G03
Customer Reference Number	:21A:XYZ999
Guarantee Number	:20:PGFFA0815
Number of Amendment	:26E:01
New Validity Expiry Date	:31L:090630
Delivery of original amendment	:24E:REGM
Delivery to	:22G:BENE
End of Record Level	-
Identifier of File Trailer	:Z1:Z

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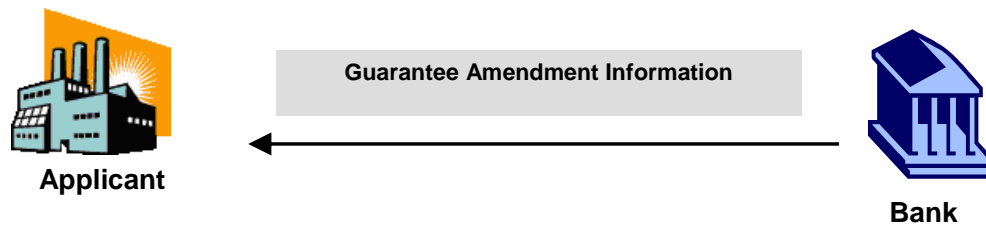
End of Record Level	-
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6.5 Guarantee Amendment Information G04

6.5.1 Message Scope and Message Flow

A “Guarantee Amendment Information” message is send by the bank to the Applicant, to confirm to the Applicant that an amendment to a guarantee has been issued by this bank on the basis of the Applicant's previously given instructions (i.e. direct guarantee).

It could also be used to inform the Applicant, that the bank has issued a request to a Correspondent Bank to issue an amendment to a guarantee in return for its counter-liability / counter-guarantee (i.e. indirect guarantee).



6.5.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G04.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:31C:	Date of Issue or Request to Issue	6!n (Date)	M	DEFN: This field specifies the date of amendment of the guarantee (direct guarantee) or the date of the request to amend a guarantee (indirect guarantee). RULE: The required format is: YYMMDD
:26E:	Number of Amendment	2n (Number)	O	DEFN: This field specifies the number which identifies this amendment. RULE: This number starts at 1 and is incremented by 1 for each subsequent amendment to the same guarantee.
:32B:	Increase of Guarantee Amount	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency and amount of an increase in the guarantee amount. RULE: The currency of the amount must be in the same currency as the original guarantee amount.
:33B:	Decrease of Guarantee Amount	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency code and amount of a decrease in the guarantee amount. RULE: The currency of the amount must be in the same currency as the original guarantee amount.
:34B:	New Guarantee Amount After Amendment	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency code and total amount of the guarantee after the amendment. RULE: The currency of the amount must be in the same currency as the original

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guarantee amount.

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Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:23B:	New Validity Type	4!c (Type)	O	DEFN: This field specifies whether the amended validity of the guarantee is limited or unlimited. CODES: LIMIT = LIMITED UNLM= UNLIMITED
:31L:	New Date of Expiry	6!n (Date)	O	DEFN: This field specifies the new expiry date of the guarantee (limited validity) in case of an amendment. RULE: The required format is: YYMMDD
:31S:	New Approximate Expiry Date	6!n (Date)	C	DEFN: This field specifies the new approximate expiry date of the guarantee (unlimited validity) in case of an amendment, i.e. the economic maturity as per the underlying transaction. RULE: This field may only be present if field 23B contains code UNLM. RULE: The required format is: YYMMDD
:F3:	Text of Amendment	200*65x (Narrative)	M	DEFN: This field specifies the amendments to the guarantee in free text form. NOTE: In case that the field should indicate contents in a SWIFT message format, the colon must not be used at the beginning of each line.
:49H:	Special agreements	50*65x (Narrative)	O	DEFN: This field indicates any special agreements between the customer and the bank for the specified guarantee.
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.5.3 Example

Narrative:

On 22nd June 2008 Avalbank AG in Frankfurt issues an amendment to its Performance Guarantee number PGFFA0815 based on the previously given instructions by Pumpen AG with the following details:

Re: Our Performance Guarantee No . PGFFA0815 issued on 06th May 2008 for EUR 50.000,00 in favor of Mining PLC, Main Road, Oslo NORWAY, on behalf of Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY – concerning the delivery of pumps and equipment as per contract number ABC123 dated 05th February 2008.

Dear Sirs,

at the request of our customers, we hereby extend the validity of our above mentioned guarantee as follows:

Our liability under this guarantee will expire on 30th June 2009, at the latest, by which date any claim for payment must be received by us.

All other terms and conditions remain unchanged.

Very truly yours
AVALBANK
Aktiengesellschaft

On the same day Avalbank AG notifies the Applicant (i.e. Pumpen AG) about the amendment to the guarantee.

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Appendix 3: Specification of Data Formats

Message:

Explanation	Message
Identifier of File Header	:A1:GUB
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200806221435
End of Record Level	-
Message Type	:MT:G04
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
New Validity Expiry Date	:31L:090630
Text of Amendment	:F3: Re: Our Performance Guarantee No. PGFFA0815 issued on 06th May 2008 for EUR 50.000,00 in favor of Mining PLC, Main Road, Oslo NORWAY, on behalf of Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY – concerning the delivery of pumps and equipment as per contract number ABC123 dated 05th February 2008. Dear Sirs, at the request of our customers, we hereby extend the validity of our above mentioned guarantee as follows: Our liability under this guarantee will expire on 30th June 2009, at the latest, by which date any claim for payment must be received by us. All other terms and conditions remain unchanged. Very truly yours AVALBANK Aktiengesellschaft
End of Record Level	-
Identifier of File Trailer	:Z1:Z

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Appendix 3: Specification of Data Formats

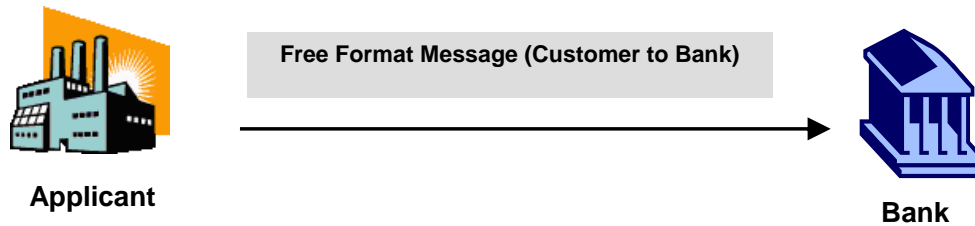
End of Record Level	-
---------------------	---

6.6 Free Format Message (Customer to Bank) G05

6.6.1 Message Scope and Message Flow

A Guarantee Free Format Message is send by the customer to the bank.

It is used to send or receive information for which another message type is not applicable.



6.6.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G05.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:F4:	Narrative	50*65x (Narrative)	M	DEFN: This field indicates any free text information.
:29A:	Customer Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the corporate.
:72C:	Corporate to Bank Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the corporate (Applicant) to the bank (Receiver of the message).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.7 Free Format Message (Bank to Customer) G06

6.7.1 Message Scope and Message Flow

A Guarantee Free Format Message is send by the bank to the customer.

It is used to send or receive information for which another message type is not applicable.



6.7.2 Message Format Specification

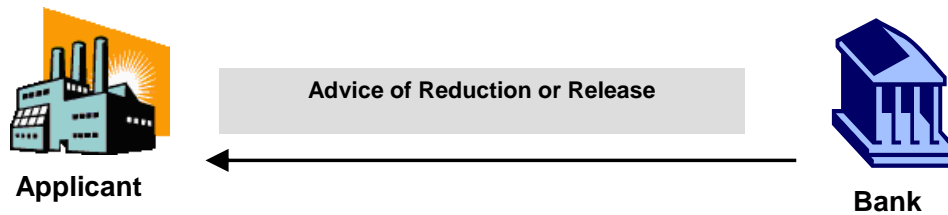
Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G06.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:F4:	Narrative	50*65x (Narrative)	M	DEFN: This field indicates any free text information.
:F5:	Further Narrative	200*65x (Narrative)	O	DEFN: This field indicates any further free text information.
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.8 Advice of Reduction or Release G07

6.8.1 Message Scope and Message Flow

An “Advice of Reduction or Release” message is send by the bank to the Applicant, to indicate the reduced amount of a guarantee or the amount for which the Applicant is released of all its liability under a specified guarantee.

It also indicates the outstanding amount of the guarantee.



6.8.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G07.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:30:	Date of Reduction or Release	6!n (Date)	M	DEFN: This field specifies the date as of which the Applicant is released of all its liability or part thereof under the specified guarantee. RULE: The required format is: YYMMDD
:33B:	Amount Reduced or Released	3!a15d (Currency)(Amount)	M	DEFN: This field contains the currency and amount of which the Applicant is released of all its liability under the specified guarantee.
:34B:	Amount Outstanding	3!a15d (Currency)(Amount)	M	DEFN: This field contains the currency code and amount outstanding of the specified guarantee.
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

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Appendix 3: Specification of Data Formats

6.8.3 Example

Narrative:

On 10th July 2008 Avalbank AG in Frankfurt informs its customer Pumpen AG that it has been released of all its liability under the Performance Guarantee number PGFFA0815 (customer reference number XYZ999) for an amount of EUR 50.000,00.

The outstanding guarantee amount is EUR 0,00.

Message:

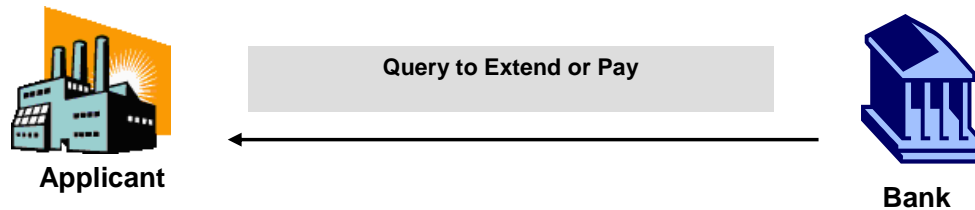
Explanation	Message
Identifier of File Header	:A1:GUB
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200807101620
End of Record Level	-
Message Type	:MT:G07
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
Date of Reduction or Release	:30:080710
Amount Reduced or Released	:33B:EUR50000,00
Amount Outstanding	:34B:EUR0,00
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

6.9 Query to Extend or Pay G08

6.9.1 Message Scope and Message Flow

A “Query to Extend or Pay” message is send by the bank to the Applicant, to indicate that the bank has received a request to extend or pay under a specified guarantee.

The message indicates the information of the Extend or Pay request and the Applicant is expected to send a reply, either to extend the guarantee or to pay.



6.9.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G08.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:31C:	Date of Extend or Pay Request	6!n (Date)	M	DEFN: This field specifies the date of the received Extend or Pay Request. RULE: The required format is: YYMMDD
:39D:	Amount Claimed	3!a15d (Currency)(Amount)	O	DEFN: This field contains the currency and amount of the claimed amount, if stated separately in the Extend or Pay request.
:31L:	New Validity Expiry Date	6!n (Date)	M	DEFN: This field specifies the new expiry date of the guarantee in case of an extension. RULE: The required format is: YYMMDD
:49J:	Text of Extend or Pay Request	50*65x (Narrative)	O	DEFN: This field indicates the text of the Extend or Pay Request.
:78B:	Instructions from the Bank	50*65x (Narrative)	O	DEFN: This field indicates instructions from the sender bank.
:31T:	Latest Date for Reply	6!n (Date)	M	DEFN: This field specifies the latest date for a response by the applicant. RULE: The required format is: YYMMDD
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level.

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Appendix 3: Specification of Data Formats

RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.9.3 Example

Narrative:

On 25th January 2009 Avalbank AG in Frankfurt receives an Extend or Pay Request by SWIFT MT 799 under its Counter Guarantee number PGFFA0815 from the Issuing Bank of the guarantee with the following details:

:20:444555
:21:PGFFA0815
:79:Re: Your Counter Guarantee No . PGFFA0815
for USD 75.000,00
Our LG No. 444555 Validity 31.01.2009

.
We have been called upon to pay the beneficiary under the terms and conditions of the above guarantee. However, they are willing to waive their claim provided the guarantee is extended up to 31.07.2009.

.
Should you elect to extend the guarantee, your counter guarantee should be extended for 15 days beyond the extended date.

On the same day Avalbank AG notifies the Applicant (i.e. Pumpen AG) about the Extend or Pay Request and asking for their instructions until 28.January 2009.

Avalbank's contact is Arthur Dent.

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Appendix 3: Specification of Data Formats

Message:

Explanation	Message
Identifier of File Header	:A1:GFB
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200901251435
End of Record Level	-
Message Type	:MT:G08
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
Date of Extend or Pay Request	:31C:090125
Amount Claimed	:39D:USD75000,
New Validity Expiry Date	:31L:090731
Text of Extend or Pay Request	:49J: Re: Your Counter Guarantee No. PGFFA0815 for USD 75.000,00 Our LG No. 444555 Validity 31.01.2009 . We have been called upon to pay the beneficiary under the terms and conditions of the above guarantee. However, they are willing to waive their claim provided the guarantee is extended up to 31.07.2009. . Should you elect to extend the guarantee, your counter guarantee should be extended for 15 days beyond the extended date.

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Message: (continued)

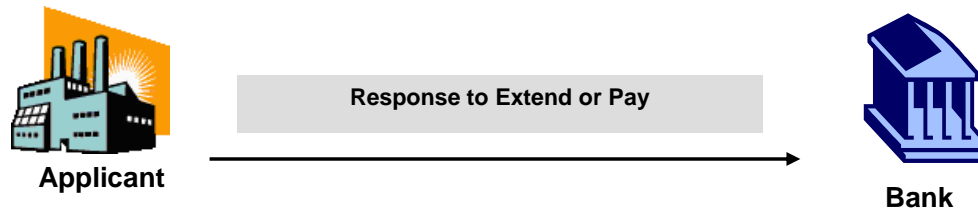
Explanation	Message
Instructions from the Bank	:78B:The claim that we have received from the issuing bank is in accordance with the terms and conditions of the guarantee. Kindly let us know, whether you prefer to extend the guarantee or to pay. Please let us have your instructions latest until 28.01.2009.
Latest Date for Reply	:31T:090128
Bank Contact	:29B:Arthur Dent
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

6.10 Response to Extend or Pay G09

6.10.1 Message Scope and Message Flow

A “Response to Extend or Pay” message is send by the Applicant to the bank in reply to a previously sent Query to Extend or Pay message from the bank.

The message is used to indicate the Applicant’s instructions to either extend or pay the guarantee.



6.10.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G09.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:31C:	Date of Extend or Pay Request	6!n (Date)	M	DEFN: This field specifies the date of the received Extend or Pay Request from the G08 messages (Query to Extend or Pay). RULE: The required format is: YYMMDD
:39D:	Amount Claimed	3!a15d (Currency)(Amount)	C	DEFN: This field contains the currency and amount of the claimed from the G08 message (Query for Extend or Pay). RULE: This field must be present, if field :22M: contains the code PAYM
:31L:	New Validity Expiry Date	6!n (Date)	C	DEFN: This field specifies the new expiry date of the guarantee (limited validity) in case of an amendment. RULE: The required format is: YYMMDD RULE: This field must be present, if field :22M: contains the code EXTD
:22M:	Extend or Pay Instructions	4!c (Code)	M	DEFN: This field specifies the Applicant's instruction to extend the guarantee or to pay. CODES: EXTD = EXTEND PAYM = PAY

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Appendix 3: Specification of Data Formats

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:53C:	Settlement Account	/34x (Account)	C	DEFN: This field specifies the currency and account number for the settlement of a claim for payment and/or any commissions and charges, in case that for the settlement of commissions and charges field :25A: (Alternative Charges Account) is not present. RULE: The specification of the account number could be in IBAN format. Both for IBAN and account number the currency code as per ISO-format must be at the beginning (e.g. EURDE10500999000105461321). RULE: This field must be present, if field :22M: contains the code PAYM
:25A:	Alternative Charges Account	/34x (Account)	O	DEFN: This field specifies the currency and account number for the settlement of commissions and charges, if different to the Settlement Account. RULE: The specification of the account number could be in IBAN format. Both for IBAN and account number the currency code as per ISO-format must be at the beginning (e.g. EURDE10500999000105461321).
:29A:	Customer Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the corporate.
:72C:	Corporate to Bank Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the corporate (Applicant) to the bank (Receiver of the message).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

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Appendix 3: Specification of Data Formats

6.10.3 Example

Narrative:

On 26th January 2009 Pumpen AG replies to the Extend or Pay Request they have received a day earlier from Avalbank AG in Frankfurt. They inform Avalbank AG, that they agree to extend their guarantee as requested by the beneficiary.

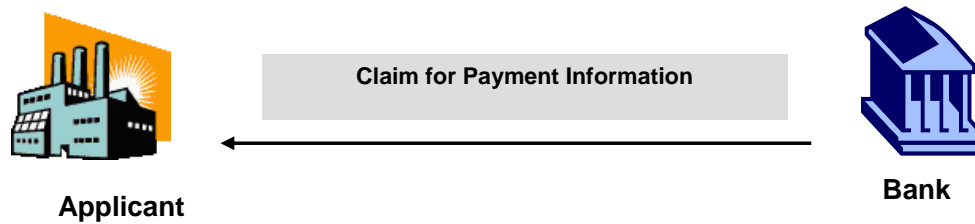
Message:

Explanation	Message
Identifier of File Header	:A1:GFK
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200901261435
End of Record Level	-
Message Type	:MT:G09
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
Date of Extend or Pay Request	:31C:090125
New Validity Expiry Date	:31L:090731
Extend or Pay Instructions	:22M:EXTD
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

6.11 Claim for Payment Information G10

6.11.1 Message Scope and Message Flow

A “Claim for Payment Information” message is send by the bank to the Applicant, to indicate that the bank has received a claim for payment under a specified guarantee.



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Appendix 3: Specification of Data Formats

6.11.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G10.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:31C:	Date of Claim for Payment	6!n (Date)	M	DEFN: This field specifies the date of the Claim for Payment. RULE: The required format is: YYMMDD
:39D:	Amount Claimed	3!a15d (Currency)(Amount)	M	DEFN: This field contains the currency and amount of the claimed.
:49J:	Text of Claim for Payment	50*65x (Narrative)	O	DEFN: This field indicates the text of the claim for payment.
:78B:	Instructions from the Bank	50*65x (Narrative)	O	DEFN: This field indicates instructions from the sender bank.
:29B:	Bank Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the bank.
:72C:	Bank to Corporate Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the bank to the corporate (Applicant).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level. RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.11.3 Example

Narrative:

On 30th January 2009 Avalbank AG in Frankfurt receives a claim for payment under its Performance Guarantee number PGFFA0815 from the beneficiary of the guarantee with the following details:

Date: 25.01.2009

**Re: Your Performance Guarantee No . PGFFA0815 issued on 06th May 2008 for
EUR 50.000,00 in favor of Mining PLC, Main Road, Oslo NORWAY, on behalf of Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY – concerning the
delivery of pumps and equipment as per contract number ABC123 dated 05th February 2008.**

Dear Sirs,

We hereby declare that Messrs. Pumpen AG has failed to deliver the goods as per the terms of the above mentioned contract.

Consequently please pay EURO 50.000,00 to our account no. 123 with Viking Bank Ltd. in Oslo.

Very truly yours
Mining PLC
Oslo / NORWAY

On the same day Avalbank AG notifies the Applicant (i.e. Pumpen AG) about the claim for payment.

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Appendix 3: Specification of Data Formats

Message:

Explanation	Message
Identifier of File Header	:A1:GFB
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200901301435
End of Record Level	-
Message Type	:MT:G10
Customer Reference Number	:21A:YXZ999
Guarantee Number	:20:PGFFA0815
Date of Claim for Payment	:31C:090125
Amount Claimed	:39D:EUR50000,
Text of Claim for Payment	:49J: Re: Your Performance Guarantee No. PGFFA0815 issued on 06th May 2008 for EUR 50.000,00 in favor of Mining PLC, Main Road, Oslo NORWAY, on behalf of Pumpen AG, Postfach 123, 60599 Frankfurt, GERMANY – concerning the delivery of pumps and equipment as per contract number ABC123 dated 05th February 2008. Dear Sirs, We hereby declare that Messrs. Pumpen AG has failed to deliver the goods as per the terms of the above mentioned contract. Consequently please pay EURO 50.000,00 to our account no. 123 with Viking Bank Ltd. in Oslo. Very truly yours Mining PLC, Oslo /NORWAY

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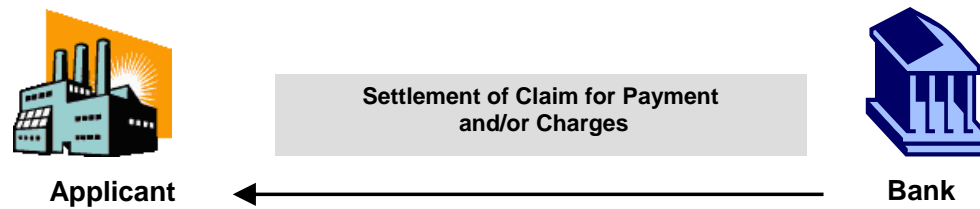
Appendix 3: Specification of Data Formats

Message: (continued)

Explanation	Message
Instructions from the Bank	:78B:The claim that we have received from the beneficiary is in accordance with the terms and conditions of the guarantee. We will settle the claim for payment on 02. February 2009.
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

6.12 Settlement of Claim for Payment and/or Charges G11

The message is still in development and will be part of the next release.

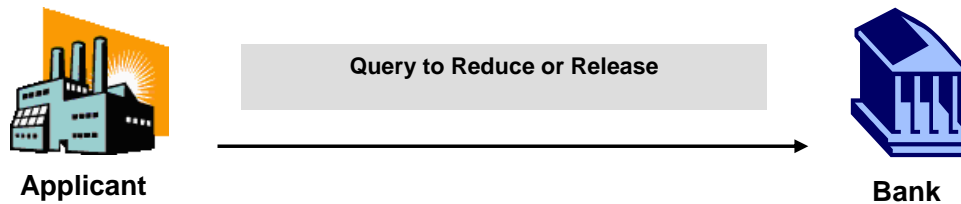


6.13 Query to Reduce or Release G12

6.13.1 Message Scope and Message Flow

A “Query to Reduce or Release” message is send by the Applicant to the bank, to request that the Applicant will be released of all liability for the specified amount.

Note: In order to change just the amount of the guarantee the message G03 “Application for Amendment of a Guarantee” is to be used.



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Appendix 3: Specification of Data Formats

6.13.2 Message Format Specification

Tag	Field Name	Format	Status	Definition / Content / Additional Usage Rules/Guidelines
:MT:	Message Type	3!c	M	DEFN: This field specifies the message type. RULE: Field content is always G12.
:21A:	Customer Reference Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the customer.
:20:	Guarantee Number	16x	M	DEFN: This field specifies the reference number which has been assigned by the bank to the transaction.
:33B:	Amount Reduced or Released	3!a15d (Currency)(Amount)	M	DEFN: This field contains the currency and amount for which the Applicant asks to be released of all its liability under the specified guarantee.
:22N:	Reason for Reduction/Release	4!c	M	DEFN: This field specifies the reason for reduction/release. CODES: BUFI = UNDERLYING BUSINESS FINISHED WOEX = WARRANTY OBLIGATION PERIOD EXPIRED NOAC = NON ACCEPTANCE OF A TENDER REFU = REDUCTION CLAUSE FULFILLED OTHR = OTHER RULE: If the code ,OTHR' is used, the reason must be specified in field :49K: in free text form.
:49K:	Other Reason for Reduction/Release	6*65x (Narrative)	C	DEFN: This field specifies any other reason for reduction/release in free text form. RULE: This field must be present, if field :22N: consists of ,OTHR'.
:29A:	Customer Contact	4*35x (Narrative)	O	DEFN: This field specifies the contact details of the corporate.
:72C:	Corporate to Bank Information	6*35x (Narrative)	O	DEFN: This field contains additional information from the corporate (Applicant) to the bank (Receiver of the message).
-	End of record level	1!	M	DEFN: This field indicates the end of the record level.

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Appendix 3: Specification of Data Formats

RULE: Field content is always Hyphen (X'2D'). Code as per ISO 8859.

6.13.3 Example**Narrative:**

On 15th January 2009 Pumpen AG asks its bank, i.e. Avalbank AG in Frankfurt to release them of all liability of their Performance Guarantee number PGFFA0815 for EUR 50.000,00 (customer reference number XYZ999), since the underlying business is finished.

Message:

Explanation	Message
Identifier of File Header	:A1:GFK
German Bank Code or SWIFT-BIC	:A2:AVALDEFFXXX
Customer Number	:A3:123456789
Customer Data	:A4:Pumpen AG Postfach 60599 Frankfurt
File Creation Date Time	:A5:200901151435
End of Record Level	-
Message Type	:MT:G12
Customer Reference Number	:21A:XYZ999
Guarantee Number	:20:PGFFA0815
Amount Reduced or Released	:33B:EUR50000,00
Reason for Reduction/Release	:22N:BUFI
End of Record Level	-
Identifier of File Trailer	:Z1:Z
End of Record Level	-

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Appendix 3: Specification of Data Formats

7 Customer Statement Message according to ISO Standard 20022 (UNIFI¹³⁶) in camt.05x Message Format¹³⁷

According to an agreement reached by the German Banking Industry Committee (Die Deutsche Kreditwirtschaft, DK), the German banking industry has decided to use the three cash management messages (camt) based on ISO 20022 for customer statement information optionally until the replacement of messages MT 940 and MT 942. The intention is the following:

UNIFI message	Application	replacing
camt.052	Balance report Transaction during the day (Interim transaction report)	MT 941 MT 942
camt.053	Customer statement message Interbank statement message	MT 940 MT 950
camt.054	Batched transaction file (if it is the customer's wish <u>and</u> the institution offers batched transaction files, the provision is mandatory ¹³⁸) Debit notification Credit notification	DTI ¹³⁹ (DTAUS information file) MT 900 MT 910

Camt messages are clearing the way for a consistent processing of XML-based payment orders (e.g. SEPA). Moreover, they provide an optimum means for a structured representation of account information. In this context, the SEPA message "pain.002" (Payment Status Report) at the customer-bank-interface is not regarded as an account statement information.

The following document contains the obligatory regulations of the DK for the use of camt messages within the payment transaction market.

¹³⁶ **UN**Iversal **F**inancial **I**ndustry message scheme

¹³⁷ In each case, the complete identifier is camt.05x.001.01

¹³⁸ Article 5 No. 1d of the regulation (EU) Nr. 260/2012 (SEPA Regulation) demands that since February 1st, 2014, payment service providers must ensure that „if a payment service user who is neither a consumer nor a microenterprise initiates or receives individual credit transfers or individual direct debits which are not transmitted individually, but are bundled together for transmission, the message formats specified in number 1, letter b of the Annex are used." The standard for the message format specified in article 5 paragraph 1 d must be the XML standard of ISO 20022. That is to say, insofar as payment transactions out of the account turnover are transmitted and stated in the account statement in batched mode (batched transaction file), the customer will receive account information in the technical formats of a camt.054 in the future.

¹³⁹ The necessary adaptations in DTI in the context of the migration of cheque clearing to ISO 20022 in 2016 will not be implemented in this format any more. Clients are recommended to migrate to the new format camt.054 at an early stage, particularly as from November 2017 the additional service DTI will be omitted completely.

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Appendix 3: Specification of Data Formats

As the main use of camt messages is the provision of the customer statement message, the following specification of the DK allocation rules is based on the elements of the camt.053 message. For the remaining two messages, only the differences are described.

The DK regulations concerning camt are restricted to the allocation rules of the XML schema specifications of the ISO20022 standard which is to be applied without any change. Thus, the complete compliance and compatibility to the international standard is guaranteed. In this document, the allocation rules are represented for each data element in table form. Note: The comment "Occurrences according to DK" which is sometimes stated in the column containing the DK allocation rules serves as a clarification. The schema has not been changed accordingly! The unaltered XML schema specifications of the ISO 20022 standard are assumed.

At <http://www.ebics.de/index.php?id=77> technical camt examples are provided in the form of XML files for download.

A Note on Production

To ensure an efficient response time behaviour during a message verification at production, the XML schemas required by the standard and the XSLT files ought to be applied at the customer or bank systems locally. The availability of these testing tools on the Internet primarily serves as documentation. A production acquisition via the Internet may cause delay during the processing of orders.

Referenced Documents

This specification is based on the following documents. When reference is made to these documents, the versions listed below are valid (see also http://www.iso20022.org/full_catalogue.page):

- UNIFI (ISO 20022) Payments Maintenance 2009, Message Reference Report (Edition April 2009)
- Schema files (the schema versions used in the DK can be found on the website <http://www.ebics.de/index.php?id=77>):
 - BankToCustomer-AccountReportV02 (camt.052.001.02)
 - BankToCustomer-StatementV02 (camt.053.001.02)
 - BankToCustomer-DebitCreditNotificationV02 (camt.054.001.02)

7.1 Structure and Expressions of camt Messages

Each camt.05x message possesses the following basic structure (essential elements):

- A technically named top level element positioned directly under the XML top level element "document" which is termed according to the bank-technical business transaction of the message.
- The element group "GroupHeader"

This element group is mandatory and may occur only once. It contains elements such as the message ID, information on the creditor and the page number (pagination).

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- An element group termed according to the top level element (report for camt.052, statement for camt.053, or notification for camt.054, respectively).

It consists of additional technical element groups containing business transaction details. According to the UNIFI standard, this group may occur repeatedly as a message block in a file with respective specific information. According to the DK allocation rules, however, it may only occur once. The information given refers to the account, as, for example, IBAN, currency, balance, etc. as well as the statement number.

- The element group "Entry" (transaction)

This group contains elements for transaction information with details about the amount, the entry date, if the entry is a credit or debit entry, etc. It is repetitive and may be omitted if no transactions are on hand.

- The Entry element group "Transaction details"

This element group consists of detailing elements containing information on the respective transaction (Entry). Apart from the remittance information, information on references, involved parties, and details on the amount may be specified in structured form. Moreover, the single entries of a batched transaction file can be specified in the element group "Transaction details". In the case of batched transactions, a reference to another camt message is also possible. The Entry element group contains, amongst others, elements related to the beneficiary or debit side of the transaction, such as the creditor resp. debtor in case of a credit transfer resp. direct debit, as for example the remittance information.

This element group is optional for each "entry", but also repetitive (e.g. for the itemisation of a batched transaction file). However, the DK allocation rules for all three camt messages stipulate that this element group has to occur at least once for each "Entry".

The following table shows the possible expressions for messages camt.052, camt.053, and camt.054. In the table, a check mark indicates that this data element group is present according to the UNIFI standard (either mandatory or optional). The cross indicates that a specific data element group does not exist in UNIFI (as for "Balance") or a code is not permitted/not defined, respectively (as for "Entries").

	Account Report camt.052	Statement camt.053	Notification camt.054
Account	✓ mandatory	✓ mandatory	✓ mandatory
Balance	✓ optional	✓ mandatory	✗
Entry Info	✓ optional	✓ optional	✓ mandatory
Booked Entries	✓	✓	✓
Pending Entries	✓	✗	✓
Transaction Details	✓	✓	✓

7.2 Order Types for Downloading Camt Messages

The order types C52, C53 and C54 are defined for downloading camt messages from the financial institution's site (see chapter 9.2.1)

7.3 General Stipulations Regarding the DK Allocation Rules

The DK allocation rules are based on the UNIFI standard "UNIFI Specification (ISO 20022)", Payments Maintenance 2009, „Message Definition Report“ (Edition April 2009).

7.3.1 Technical Element Group (Report, Statement, or Notification)

Compared to the UNIFI standard, the technical element group directly beneath the technical top level element is restricted to exactly one occurrence for each message file. That is to say that one camt message contains information for exactly one account.

Character Set

To create camt.05x messages the character encoding according to UTF-8 is always valid. All characters that can be represented in UTF-8 are permitted in principle. However, restrictions in various pre-systems prevent that the full range of possible characters can be applied.

Referencing Particular Messages

For referencing camt.05x messages, the element "MessageIdentification" of the element group "GroupHeader" is used. This reference is specific to an institution.

Camt Message Size

According to the UNIFI standard, the number of repetitions of some elements is not limited for camt messages. In consideration of marketable software tools, it is recommended not to exceed a total size of 20 Megabytes. It rests on the account servicer to segment messages into smaller portions as needed. When forwarding camt messages (from abroad), however, the original message will be passed on regardless of its size.

7.3.2 Special Element Groups for Securities

The following chapters describe element groups that are used for securities transactions: 7.5.21, 7.5.22, 7.5.23, 7.5.24, and 7.5.27.

The DK allocation rules for these element groups will be stipulated in a future version of this specification. At present, its use is not recommended yet.

7.4 Composition of the Chapters' Descriptions for the camt Allocation Rules of the DK

7.4.1 Structure




- The main chapters are named according to the camt message identifier.
- For camt.053 (Bank to Customer Statement), all elements of the according UNIFI specification (ISO 20022) are dealt with in the subchapters starting with the top level element of the UNIFI message structure.

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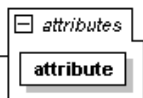
- As the message structures of camt.052 and camt.054 messages are nearly identical to camt.053, only instances are documented varying from the camt.053 message and requiring DK allocation rules that are described differently or not at all in the camt.053 subchapter.
- The instances of camt.052 and camt.054 messages varying from camt.053 are documented for each instance in the last column of the description table.
- In the subchapters the DK allocation rules are specified with the respective element.
- The first subchapter contains the graphical display of the structure of the complete camt message (overview), the general DK Rules relating to the message, as well as the order type for the message transmission via EBICS.
- For each group of coherent elements, a subchapter follows consisting of
 - a diagram containing symbols defined in the legend (see 7.4.2),
 - the definition of the group's top level elements,
 - a table of elements with the respective DK allocation rules whereas the line is marked with a grey background in the case of the allocation rule "Does not apply".
 - The table's first column describes the UNIFI hierarchy level. If this column's table header contains a "+" (plus sign), the level number relative (added) to the level of the superordinate element is addressed.
 - The XML tag names used as well as the elements' long names in the tables contain hyphens as opposed to the notation according to chapter 2 (SEPA Payment Transactions), thus facilitating readability. Apart from this, hyphens in tag or element names are to be ignored.
- For each element group in tabulated form an excerpt of a related XML example. In this context, we point in particular to the technical examples available as electronic data (The complete example is printed in chapter 7.10 of this specification). The excerpts in this specification are of a merely illustrative purpose as particular element groups will show.

7.4.2 Legend of the Graphical Symbols in the Overview Diagrams



Symbol	XML meaning	Description
	Complex data type	A yellow background box with a dashed border signifies a coherent block of elements, attributes and other declarations.
	Element	Data block containing more displayed elements behind the "-" (minus sign).
	Sequence	To the right of the symbol, the connecting lines point to the individual sequence elements. All specified elements have to occur in the order in which they are displayed.

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	Choice	To the right of the symbol, the connecting lines point to the possible alternatives. One and only one of the alternatives can be used.
	Attribute	Technically defined attribute of an element (e.g. a currency symbol) displayed in combination with the element.

Graphical variations of symbols:

Symbol supplement 	A symbol with this supplement indicates additional elements which are not displayed in the current context.
Symbol supplement 	A symbol with this supplement indicates additional elements which are displayed.
Simple continuous border	To be used obligatory. Represents the XML attribute minOccurs=1 for elements or use=required for attributes, respectively.
Simple dashed border	To be used optionally. Represents the XML attribute minOccurs=0 for elements or use=optional for attributes, respectively.
Double border and m..n numbers in the lower right corner	This identifier limits the use of the element to an m- to n-fold occurrence. Represents the XML attribute minOccurs=m and maxOccurs=n; or while m..∞ corresponds to minOccurs=m and maxOccurs=unbounded.

7.4.3 Formats of Basic and Simple Data Types

In the following chapters, the basic data types listed in this chapter are used repeatedly for the specification of elements.

Particular data types (especially codes) are described in the respective specification chapter.

Type	Min. length	Max. length	Pattern value
AnyBICIdentifier	8	11	[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
BICIdentifier	8	11	[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
CountryCode	2	2	[A-Z]{2,2}
ExternalAccount-Identification1Code	1	4	Text
ExternalBalanceSub-Type1Code	1	4	Text

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Type	Min. length	Max. length	Pattern value
ExternalFinancialInstitution-Identification1Code	1	4	Text
ExternalOrganisation-Identification1Code	1	4	Text
ExternalPerson-Identification1Code	1	4	Text
ExternalPurpose1Code	1	4	Text
ExternalReturnReason1-Code	1	4	Text
IBAN2007Identifier	5	34	[A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}
ISINIdentifier	12	12	[A-Z0-9]{12,12}
ISODate	-	-	xs:date according to http://www.w3.org/TR/xmlschema-2/#date
ISODateTime	-	-	xs:dateTime according to http://www.w3.org/TR/xmlschema-2/#dateTime
Max105Text	1	105	
Max140Text	1	140	
Max16Text	1	16	
Max22Text	1	22	
Max34Text	1	34	
Max35Text	1	35	
Max4AlphaNumericText	1	4	[a-zA-Z0-9]{1,4}
Max500Text	1	500	
Max5NumericText	1	5	[0-9]{1, 5}
Max70Text	1	70	
PercentageRate			decimal
YesNoIndicator	-	-	xs:boolean according to http://www.w3.org/TR/xmlschema-2/#boolean

Name	Max. total digits	Max. fraction digits	Minimal value	Maximal value
DecimalNumber	18	17	-	-
ImpliedCurrencyAndAmount	18	5	0	-
PercentageRate	11	10	-	-

7.5 Bank to Customer Statement (camt.053)

The message is transmitted via EBICS with order type C53.

7.5.1 Abstract of the message structure

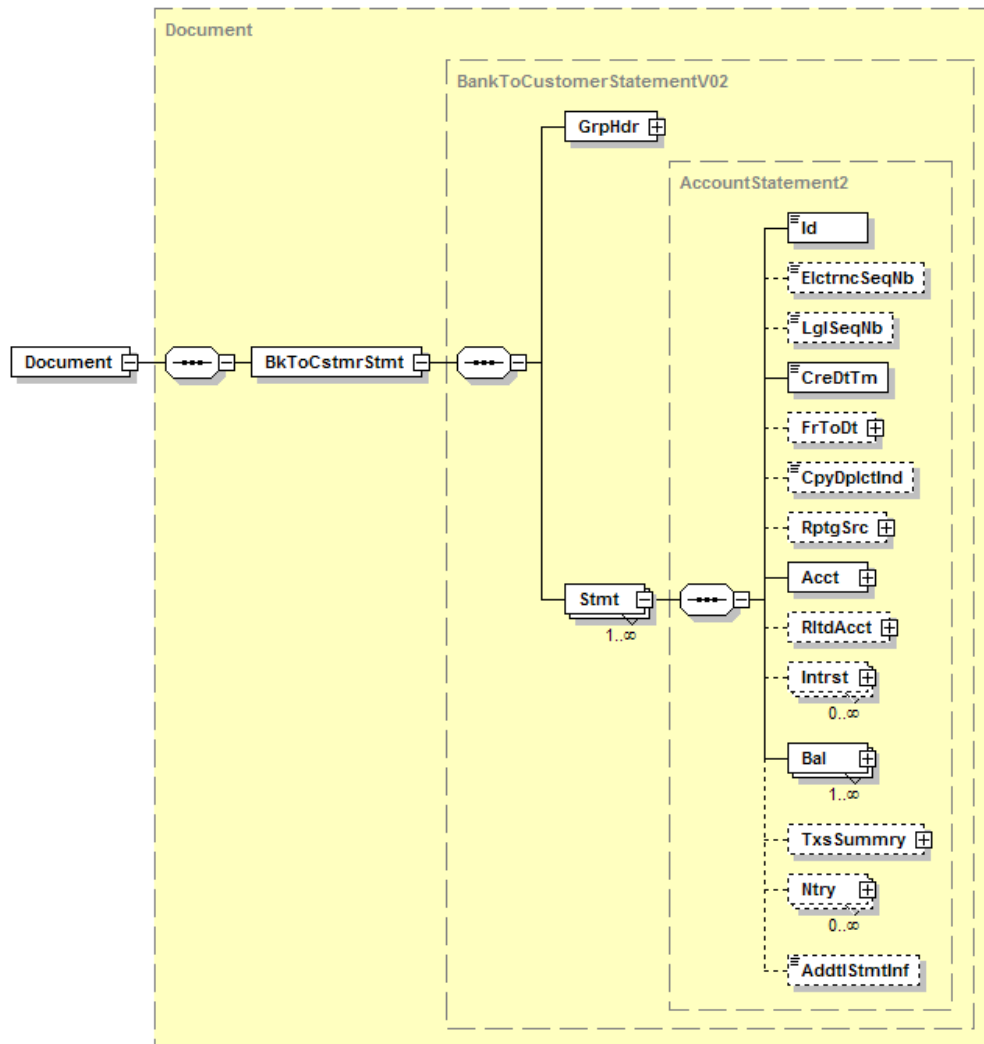


Diagram 41: Overview camt.053.001.02

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7.5.2 Document <document>, [1..1]

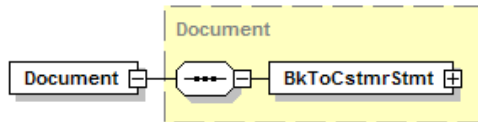


Diagram 42: camt.053.001.02, document

Definition

UNIFI (ISO 20022) XML message: the top level element for message camt.053.001.02.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
0	MessageRoot	<BkTo-CstmrStmnt>	[1..1]	Message containing a bank statement to inform the account owner, or authorised party.	see 7.5.3	

7.5.3 Bank to Customer Statement <BkToCstmrStmnt>, [1..1]

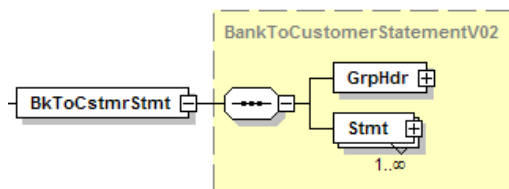


Diagram 43: camt.053.001.02, Bank to Customer Statement

Definition

Message containing a bank statement to inform the account owner, or authorised party.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
1	GroupHeader	<GrpHdr>	[1..1]	Common information applying to the entire message.	see 7.5.4	
1	Statement	<Stmnt>	[1..n]	Reports on booked entries and balances for a cash account.	see 7.5.7	Element group with exactly one occurrence. Occurrences according to DK [1..1]

7.5.4 Group Header <GrpHdr>, [1..1]

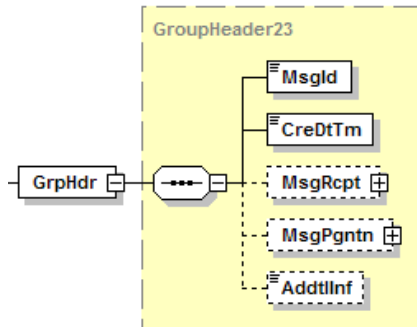


Diagram 44: camt.053.001.02, GrpHdr

Definition

Set of elements that applies to the entire message.

Rules

	Name	XML Tag	Occurences	Definition	Type	DK Rule
2	Message-Identification	<MsgId>	[1..1]	Point to point reference assigned by the account servicing institution and sent to the account owner to unambiguously identify the message.	Max35Text	Character string assigned by the particular institution.
2	Creation-DateTime	<CreDtTm>	[1..1]	Date and time at which the message was created by the account servicer.	ISODateTime	Local time plus current time zone offset (UTC) is to be specified always (Germany: +01:00 (CET=Central European Time) or +02:00 (in case of daylight saving time)).
2	Message-Recipient	<MsgRcpt>	[0..1]	Party that is entitled by the account owner to receive information about movements in the account.	see 7.5.5	
2	Message-Pagination	<MsgPgntn>	[0..1]	Pagination of the message.	Pagination	Constant allocation to subfields

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	Name	XML Tag	Occurences	Definition	Type	DK Rule
3	PageNumber	<PgNb>	[1..1]	Page number.	Max5Numeric-Text	1
3	LastPage-Indicator	<LastPgInd>	[1..1]	Indicates the last page.	YesNoIndicator	True
2	Additional-Information	<AddtlInf>	[0..1]	Further details on the message.	Max500Text	

Example:

```
<MsgId>DK-Example</MsgId>
<CreDtTm>2008-09-24T17:54:47.0+01:00</CreDtTm>
<MsgRcpt>
...
</MsgRcpt>
<MsgPgntn>
  <PgNb>1</PgNb>
  <LastPgInd>true</LastPgInd>
</MsgPgntn>
<AddtlInf>Details supplementing the message</AddtlInf>
```

7.5.5 Message Recipient <MsgRcpt>, [0..1]

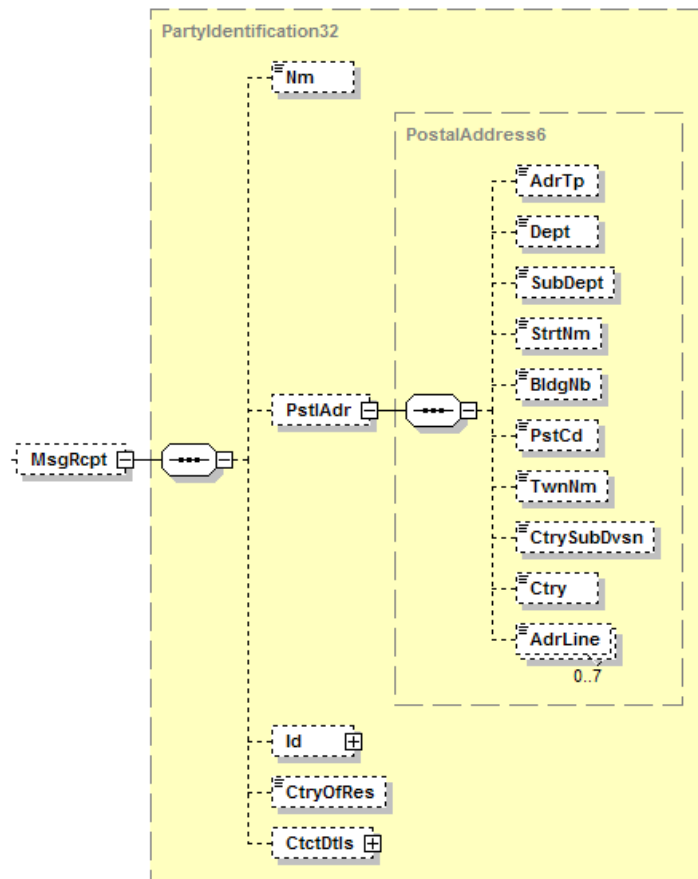


Diagram 45: camt.053.001.02, MsgRcpt

Definition

Party that is entitled by the account owner to receive information on account movements.

Rules

+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
1	Name	<Nm>	[0..1]	Name	Max140Text	
1	PostalAddress	<PstlAdr>	[0..1]	Address of the institution.	PostalAddress6	
2	AddressType	<AdrTp>	[0..1]	Specifies the postal address type.	see the following Address-Type2Code	
2	Department	<Dept>	[0..1]	Division of a large organisation or building	Max70Text	
2	Subdepartment	<SubDept>	[0..1]	Sub-division of a large organisation or building	Max70Text	

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+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
2	StreetName	<StrtNm>	[0..1]	Name of a street or thoroughfare.	Max70Text	
2	BuildingNumber	<BldgNb>	[0..1]	Number that identifies the position of a building in a street.	Max16Text	
2	PostCode	<PstCd>	[0..1]	Identifier that is added to a postal address to assist the sorting of mail.	Max16Text	
2	TownName	<TwnNm>	[0..1]	Identifier for a built-up area with defined boundaries and a local government.	Max35Text	
2	CountrySub-Division	<CtrySub-Dvsn>	[0..1]	Specifies a subdivision of a country, e.g. state, region, county.	Max35Text	
2	Country	<Ctry>	[0..1]	Code for a country with its own government (ISO 3166) e.g. DE for Germany.	CountryCode	
2	AddressLine	<AdrLine>	[0..7]	Line of address Should not be used together with details in the structured elements.	Max70Text	
1	Identification	<Id>	[0..1]	Unique and unambiguous way of identifying an organisation or an individual person.	see 7.5.6	
1	CountryOf-Residence	<CtryOf-Res>	[0..1]	see above: Country	s. o.	
1	ContactDetails	<CtctDtls>	[0..1]	Set of elements used to indicate how to contact the party.	ContactDetails2	Not used.

Values of the type: AddressType2Code

ADDR	Postal (address)
BIZZ	Business
DLVY	DeliveryTo
HOME	Residential
MLTO	MailTo
PBOX	POBox

Example:

```

<Nm>A name</Nm>
<PstlAdr>
  <AdrTp>ADDR</AdrTp>
  <Ctry>DE</Ctry>
  ...
  <AdrLine>Burgstraße 28, D-10178 Berlin</AdrLine>
</PstlAdr>
<Id>
  ...

```

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```
</Id>
<CtryOfRes>DE</CtryOfRes>
```

7.5.6 Identification (Message Recipient) <Id>, [0..1]

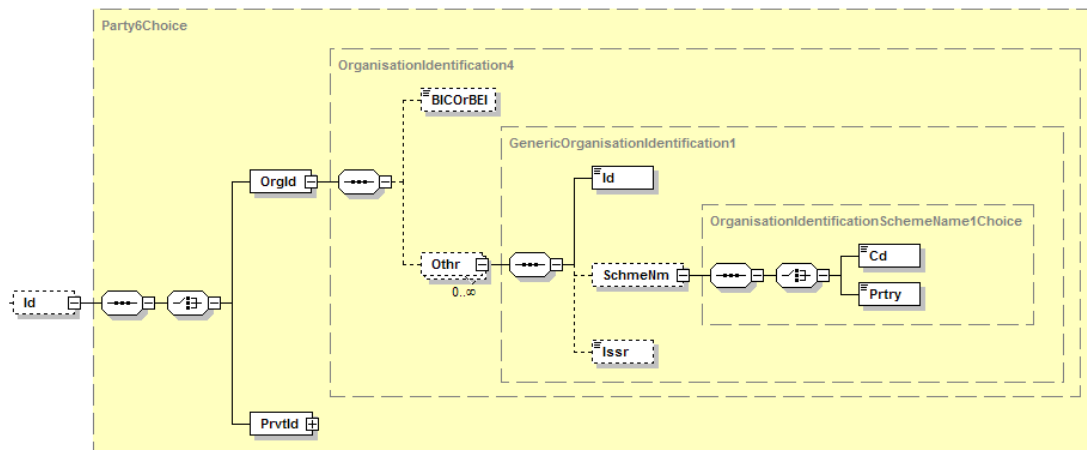


Diagram 46: camt.053.001.02, Identification (Message Recipient)

Definition

This set of elements identifies the message recipient in a unique and unambiguous way. The recipient may be an organisation or an individual person.

Rules

+	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
1	Organisation- Identification	<OrgId>	[1..1]	Unique and unambiguous code identifying an organisation.	Organisation- Identification4	
2	BICOrBEI	<BICOrBEI>	[0..1]	Business Identifier Codes or Business Entity Identifier, as described in the standard ISO 9362	AnyBICIdentifier	
2	Other	<Othr>	[0..n]	Unique identification of an organisation, as assigned by an institution, using an identification scheme.	Generic- Organisation- Identification1	
3	Identification	<Id>	[1..1]	Name or number assigned by an entity to enable recognition of that entity, e.g., account identifier.	Max35Text	A possible allocation option is the EBICS Partner ID
3	SchemeName	<Sch- meNm>	[0..1]	Name of the identification scheme.	Organisation- Identification- SchemeName1Choice	

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+	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
4	Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list.	External-Organisation-Identification1-Code	
4	Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
3	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	e.g. "EBICS" or "BCS-Id"
1	Private-Identification	<PrvtId>	[1..1]	Unique and unambiguous identification of a person, e.g., passport.	Person-Identification5	Not used.

Example:

```
<OrgId>
  <Othr>
    <Id>K0851234</Id>
    <Issr>EBICS</Issr>
  </Othr>
</OrgId>
```

7.5.7 Statement <Stmnt>, [1.. n]

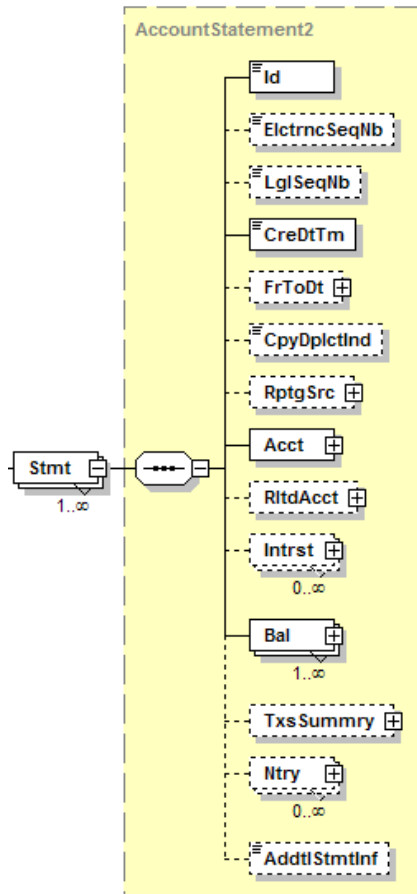


Diagram 47: camt.053.001.02, Stmnt

Definition

Reports on booked entries and balances for a cash account.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
2	Identification	<Id>	[1..1]	Unique and unambiguous identification of the account report assigned by the account servicer for the following collection of the account statement (like DTA field A10)	Max35Text	Reference number issued as a unique and unambiguous bank statement identifier.

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
2	Electronic-Sequence-Number	<ElctrncSeqNb>	[0..1]	Sequential number of the report, assigned by the account servicer. It is increased incrementally for each report sent electronically.	Number	The allocation is mandatory. Represents the current statement number of a particular year (per day + during the day). If the segment size (see 7.3.1) for an account statement is exceeded, a new account statement is generated and the sequential numbering is continued. Occurrences according to DK [1..1]
2	LegalSequence-Number	<LglSeqNb>	[0..1]	Legal sequential number of the report, assigned by the account servicer. It is increased incrementally for each report sent.	Number	Corresponds to the statement number of the legally binding account statement.
2	Creation-DateTime	<CreDtTm>	[1..1]	Date and time at which the report was created.	ISODatetime	Local time plus current time zone offset (UTC) is always to be specified (Germany: +01:00 (CET=Central European Time) or +02:00 (in case of daylight saving time)).
2	FromToDate	<FrToDt>	[0..1]	Range of time between the start date and the end date for which the account statement is issued.	DateTime-PeriodDetails	
3	FromDateTime	<FrDtTm>	[1..1]	Date and time at which the range starts.	ISODatetime	Local time must always be specified: Start time: 00:00:00+01:00 (if the complete day of entry is referred to.)
3	ToDateTime	<ToDtTm>	[1..1]	Date and time at which the range ends.	ISODatetime	Local time must always be specified. End time: 24:00:00+01:00 (if the complete day of entry is referred to).

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
2	CopyDuplicate-Indicator	<CpyDplct-Ind>	[0..1]	Specifies if this document is a copy, a duplicate, or a duplicate of a copy.		Not used (there are only original statements).
2	ReportingSource	<RptgSrc>	[0..1]	Specifies the reporting source	Reporting-Source1Choice	
2	Account	<Acct>	[1..1]	Business relationship between two entities; one entity is the account owner, the other entity is the account servicer.	see 7.5.8	
2	RelatedAccount	<RltdAcct>	[0..1]	Identifies the parent account of the reported account.	see 7.5.11	Can be used for referring to a clearing account (e.g. for credit card settlements or fixed-term deposits) or to show a target account of a cash pooling structure.
2	Interest	<Intrst>	[0..n]	Provides general interest information that applies to the account at a particular moment in time.	Account-Interest2	Not used.
2	Balance	<Bal>	[1..n]	Set of elements defining the balance(s).	see 7.5.12	Occurrences according to DK [2..n]
2	Transactions-Summary	<Txs-Summry>	[0..1]	Set of element providing summary information on entries.	Total-Transactions2	Not used.
2	Entry	<Ntry>	[0..n]	Specifies the elements of an entry in the statement.	see 7.5.13	
2	Additional-Statement-Information	<AddtlStmt-Inf>	[0..1]	Further details on the account statement.	Max500Text	

Example:

```

<Id>Max35Text</Id>
<Elctrnc-SeqNb>123</ElctrncSeqNb>
<Lq1SeqNb>110</Lq1SeqNb>
<CreDtTm>2008-09-24T17:54:47.0+01:00</CreDtTm>
<FrToDt>
  <FrDtTm>2008-09-24T00:00:00+01:00</FrDtTm>
  <ToDtTm>2008-09-24T24:00:00+01:00</ToDtTm>
</FrToDt>
<Acct>
  ...
</Acct>
<RltdAcct>
  ...
</RltdAcct>
<Bal>
  ...
</Bal>

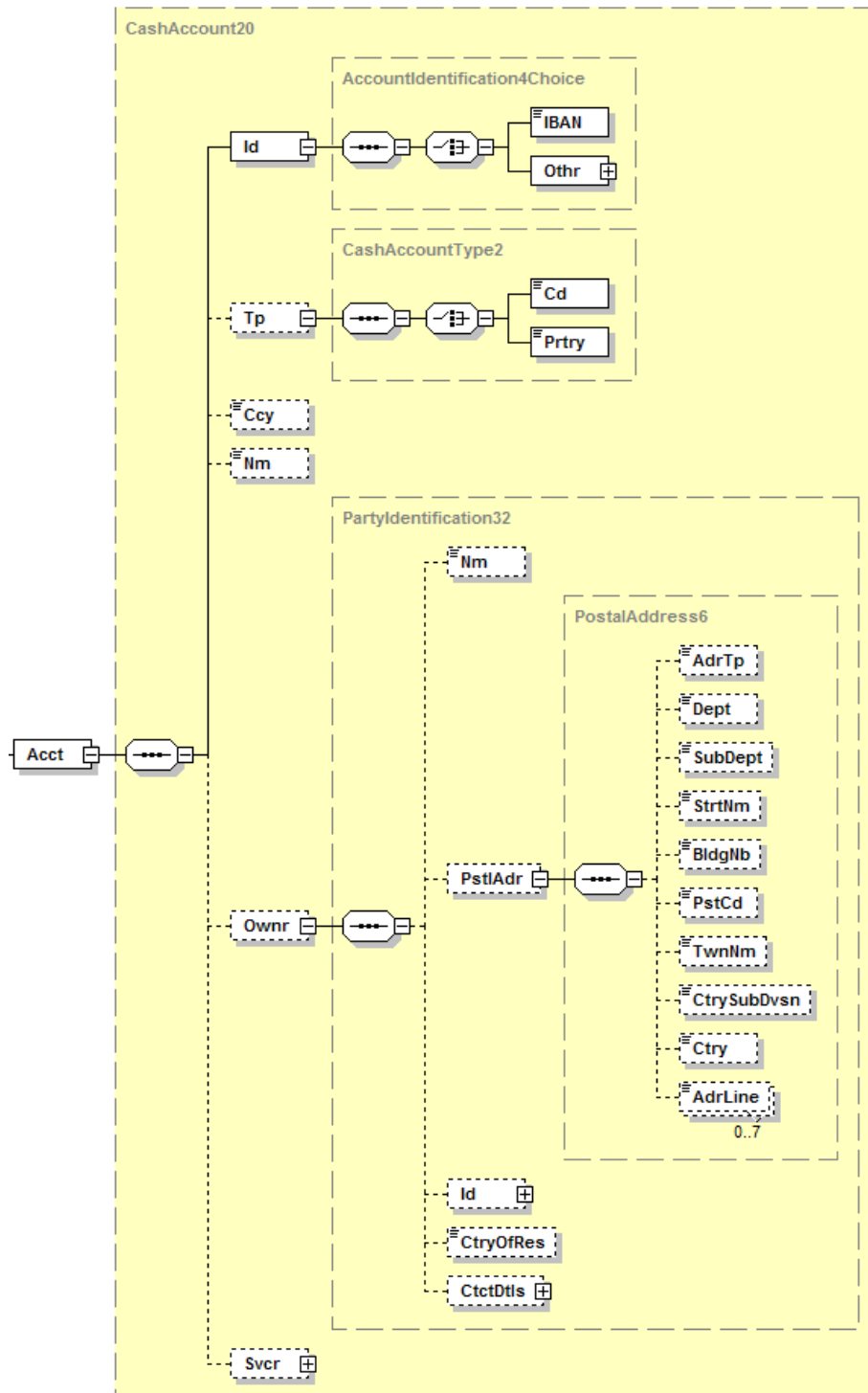
```

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```
<Ntry>  
...  
</Ntry>  
<AddtlStmtInf>Further details Max500Text</AddtlStmtInf>
```

7.5.8 Account <Acct>, [1..1]



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Diagram 48: camt.053.001.02, Acct

Definition

Business relationship between two entities; one entity is the account owner, the other entity is the account servicer.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
3	Identification	<Id>	[1..1]	Unique and unambiguous identification of the account between the account owner and the account servicer.	AccountIdentification4Choice	
4	IBAN	<IBAN>	[1..1]	International Bank Account Number (IBAN)	IBAN2007- Identifier	To be assigned with a valid IBAN (International Bank Account Number) if available, 34 digits maximum.
4	Other- Identification	<Othr>	[1..1]	Unique identification of an account, as assigned by the account servicer, using an identification scheme.	GenericAccountIdentification1	
5	Identification	<Id>	[1..1]	Name or number assigned by an entity to enable recognition of that entity.	Max34Text	
5	SchemeName	<SchemeNm>	[0..1]	Name of the identification scheme.	Account-SchemeName1Choice	
6	Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list.	External-Account-Identification1-Code	
6	Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
5	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	
3	Type	<Tp>	[0..1]	Nature or use of the account.	CashAccount-Type2	
4	Code	<Cd>	[1..1]	Nature or use of the account in a coded form.	see CashAccount-Type4Code	
4	Proprietary	<Prtry>	[1..1]	Proprietary nature or use of the account.	Max35Text	
3	Currency	<Ccy>	[0..1]	Identification of the currency in which the account is held.	CurrencyCode	

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Appendix 3: Specification of Data Formats

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
3	Name	<Nm>	[0..1]	Name of the account, assigned by the account servicing institution in agreement with the account owner in order to provide an additional means of identification of the account.	Max70Text	
3	Owner	<Ownr>	[0..1]	Party that legally owns the account.	Party-Identification32	
4	Name	<Nm>	[0..1]	Name	Max140Text	
4	PostalAddress	<PstlAdr>	[0..1]	Address of the institution.	PostalAddress6	
5	AddressType	<AdrTp>	[0..1]	Specifies the postal address type.	see Address-Type2Code in chapter 7.5.5	
5	Department	<Dept>	[0..1]	Division of a large organisation or building	Max70Text	
5	Subdepartment	<SubDept>	[0..1]	Sub-division of a large organisation or building	Max70Text	
5	StreetName	<StrtNm>	[0..1]	Name of a street or thoroughfare.	Max70Text	
5	BuildingNumber	<BldgNb>	[0..1]	Number that identifies the position of a building in a street.	Max16Text	
5	PostCode	<PstCd>	[0..1]	Identifier that is added to a postal address to assist the sorting of mail.	Max16Text	
5	TownName	<TwnNm>	[0..1]	Identifier for a built-up area with defined boundaries and a local government.	Max35Text	
5	CountrySub-Division	<CtrySub-Dvsn>	[0..1]	Specifies a subdivision of a country, e.g. state, region, county.	Max35Text	
5	Country	<Ctry>	[0..1]	Code for a country with its own government (ISO 3166) e.g. DE for Germany.	CountryCode	
5	AddressLine	<AdrLine>	[0..7]	Line of address Should not be used together with details in the structured elements.	Max70Text	
4	Identification	<Id>	[0..1]	Unique and unambiguous way of identifying an organisation or an individual person.	see 7.5.9	
4	CountryOf-Residence	<CtryOf-Res>	[0..1]	see above: Country	s. o.	see page above
4	ContactDetails	<CtctDtls>	[0..1]	Set of elements used to indicate how to contact the party.	ContactDetails2	Not used.
3	Servicer	<Svcr>	[0..1]	Informationen zum kon- toführenden Institut und ggf. der Filiale des Insti- tuts.	See 7.5.10	Occurrences according to DK [1..1]

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Values allowed by the DK to be used, type: CashAccountType4Code

CACC	Current	Account used to post debits and credits when no specific account has been nominated.	Is to be used for current account.
CASH	CashPayment	Account used for the payment of cash.	
CHAR	Charges	Account used for charges if different from the account for payment.	
CISH	CashIncome	Account used for payment of income if different from the current cash account.	
COMM	Commission	Account used for commission if different from the account for payment.	
LOAN	Loan	Account used for loans.	
MGLD	MarginalLending	Account used for a marginal lending facility.	
MOMA	MoneyMarket	Account used for money markets if different from the cash account.	
NREX	NonResidentExternal	Account used for non-resident external.	
ODFT	Overdraft	Account is used for overdrafts.	
ONDP	OverNightDeposit	Account used for overnight deposits.	
SACC	Settlement	Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system.	
SLRY	Salary	Accounts used for salary payments.	
SVGS	Savings	Account used for savings.	
TAXE	Tax	Account used for taxes if different from the account for payment.	
TRAS	CashTrading	Account used for trading if different from the current cash account.	

Example:

```
<Id>
  <IBAN>DE58123456780123456789</IBAN>
</Id>
<Tp>
  <Cd>CACC</Cd>
</Tp>
<Ccy>EUR</Ccy>
...
<Svcr>
...
</Svcr>
```

7.5.9 Identification (Owner, Creditor, Debtor, ...) <Id>, [0..1]

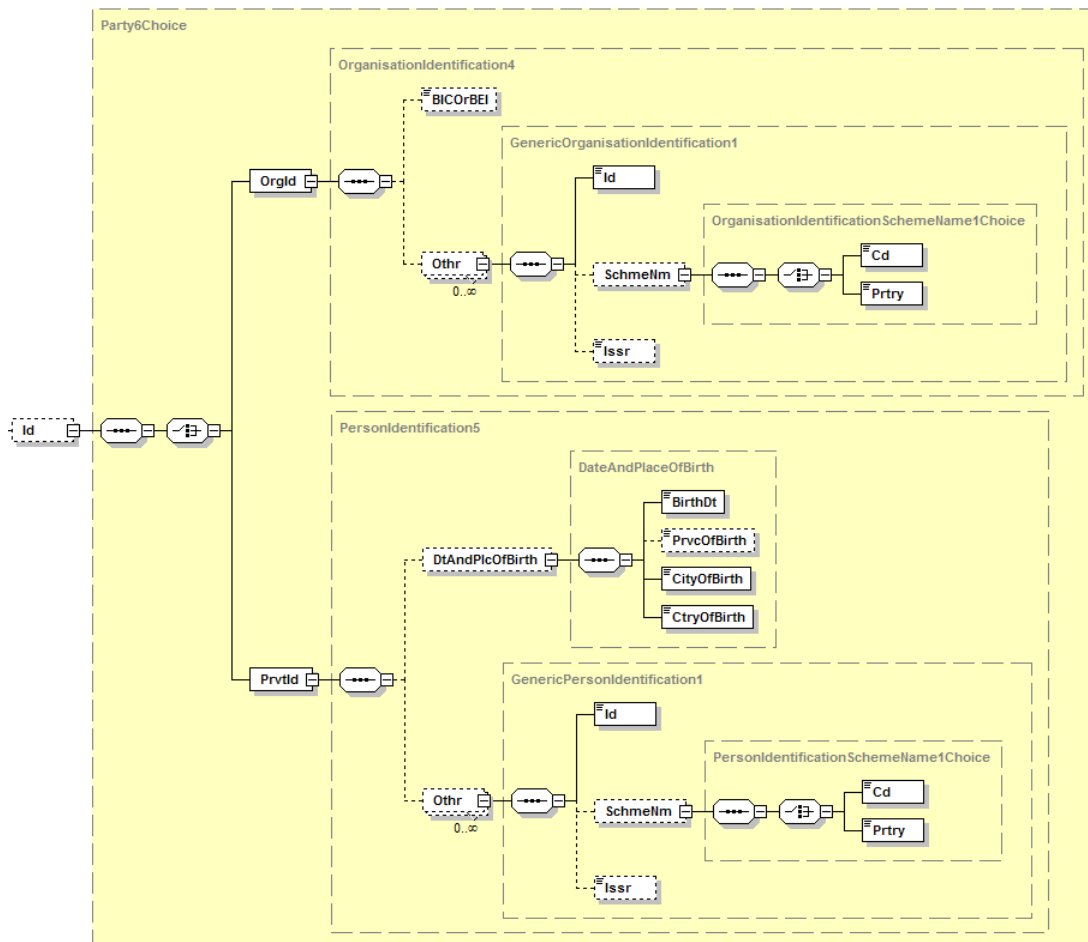


Diagram 49: camt.053.001.02, Identification (Account Owner)

Definition

The elements identify the account owner in a unique and unambiguous way. The account owner may be an organisation or an individual person.

Rules

+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
1	Organisation-Identification	<OrgId>	[1..1]	Unique and unambiguous way of identifying an organisation.	Organisation-Identification4	
2	BICOrBEI	<BICOrBEI>	[0..1]	Unique identification of an organisation, as assigned by an institution, using an identification scheme.	AnyBICIdentifier	

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+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
2	Other	<Othr>	[0..n]	Name or number assigned by an entity to enable recognition of that entity, e.g., account identifier.	Generic-Organisation-Identification1	
3	Identification	<Id>	[1..1]	Name of the identification scheme.	Max35Text	
3	SchemeName	<SchemeNm>	[0..1]	Name of the identification scheme, in a coded form as published in an external list.	Organisation-Identification-SchemeName1Choice	
4	Code	<Cd>	[1..1]	Name of the identification scheme, in a free text form.	External-Organisation-Identification1-Code	
4	Proprietary	<Prtry>	[1..1]	Entity that assigns the identification.	Max35Text	
3	Issuer	<Issr>	[0..1]	Unique and unambiguous identification of a person, e.g., passport.	Max35Text	
1	Private-Identification	<PrvtId>	[1..1]	Unique identification of an organisation, as assigned by an institution, using an identification scheme.	Person-Identification5	
2	DateAndPlace-OfBirth	<DtAndPlcOfBirth>	[0..1]	Date and place of birth of a person.	DateAndPlace-OfBirth	
3	BirthDate	<BirthDt>	[1..1]	Date on which a person is born; ISO 8601 (YYYY-MM-DD)	ISODate	
3	ProvinceOfBirth	<PrvcOfBirth>	[0..1]	Province where a person was born.	Max35Text	
3	CityOfBirth	<CityOfBirth>	[1..1]	City where a person was born.	Max35Text	
3	CountryOfBirth	<CtryOfBirth>	[1..1]	Country where a person was born coded as ISO 3166.	s. o. country	
2	Other-Identification	<Othr>	[0..n]	Unique identification of a person, as assigned by an institution, using an identification scheme.	GenericPerson-Identification1	
3	Identification	<Id>	[1..1]	Unique and unambiguous identification of a person.	Max35Text	
3	SchemeName	<SchemeNm>	[0..1]	Name of the identification scheme.	Person-Identification-SchemeName1Choice	
4	Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list.	ExternalPerson-Identification1-Code	
4	Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
3	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	

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Example:

<pre><OrgId> <BICOrBEI>ABCDEFFXXX</BICOrBEI> </OrgId></pre>

7.5.10 Servicer <Svcr>, [0..1]

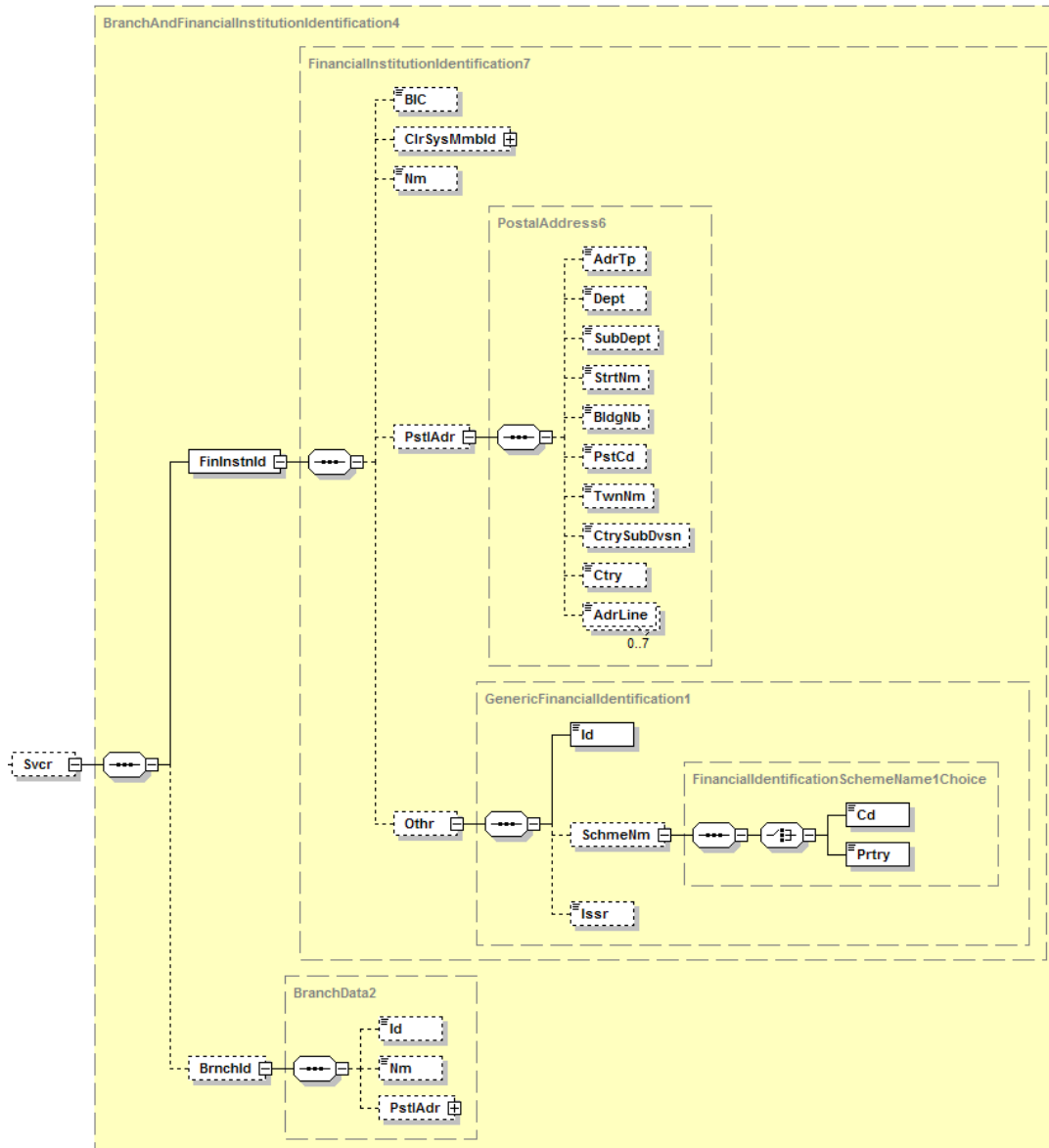


Diagram 50: camt.053.001.02, Svcr

Definition

Party that manages the account on behalf of the account owner, i.e. that manages the registration and posting of entries to the account, calculates balances of the account and provides information on the account.

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Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
4	Financial-Institution-Identification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution, as assigned under an internationally recognised or proprietary identification scheme.	Financial-Institution-Identification7	
5	BIC	<BIC>	[0..1]	Business Identifier Code (ISO 9362)	BICIdentifier	Occurrences according to DK [1..1]
5	Clearing-SystemMember-Identification	<ClrSys-Mmbld>	[0..1]	Information used to identify a member within a clearing system.	ClearingSystemIdentification2Choice	
6	ClearingSystem-Identification	<ClrSysId>	[0..1]	Specification of a pre-agreed offering between clearing agents or the channel through which the payment instruction is processed.	ClearingSystemIdentification2Choice	
7	Code	<Cd>	[1..1]	In a coded form as published in an external list.	External-ClearingSystemIdentification1Code	
7	Proprietary	<Prtry>	[1..1]	Identification code for a clearing system, that has not yet been identified in the list of clearing systems.	Max35Text	
6	Member-Identification	<Mmbld>	[1..1]	Identification of a member of a clearing system.	Max35Text	
5	Name	<Nm>	[0..1]	Name of the institution.	Max140Text	
5	PostalAddress	<PstlAdr>	[0..1]	Address of the institution.	PostalAddress6	
6	AddressType	<AdrTp>	[0..1]	Specifies the postal address type.	See Address-Type2Code	
6	Department	<Dept>	[0..1]	Division of a large organisation or building	Max70Text	
6	Subdepartment	<SubDept>	[0..1]	Sub-division of a large organisation or building	Max70Text	
6	StreetName	<StrtNm>	[0..1]	Name of a street or thoroughfare.	Max70Text	
6	BuildingNumber	<BldgNb>	[0..1]	Number that identifies the position of a building in a street.	Max16Text	
6	PostCode	<PstCd>	[0..1]	Identifier that is added to a postal address to assist the sorting of mail.	Max16Text	
6	TownName	<TwnNm>	[0..1]	Identifier for a built-up area with defined boundaries and a local government.	Max35Text	

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	CountrySub-Division	<CtrySub-Dvsn>	[0..1]	Specifies a subdivision of a country, e.g. state, region, county.	Max35Text	
6	Country	<Ctry>	[0..1]	Code for a country with its own government (ISO 3166) e.g. DE for Germany.	CountryCode	
6	AddressLine	<AdrLine>	[0..7]	Line of address Should not be used together with details in the structured elements.	Max70Text	
5	Other-Identification	<Othr>	[0..1]	Unique identification of an agent, as assigned by an institution, using an identification scheme.	Generic-Financial-Identification1	Occurrences according to DK [1..1]
6	Identification	<Id>	[1..1]	Unique and unambiguous identification of a person.	Max35Text	To be assigned with turnover tax ID number.
6	SchemeName	<Sch-meNm>	[0..1]	Name of the identification scheme.	Financial-Identification-SchemeName1Choice	
7	Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list.	External-Financial-Institution-Identification1-Code	
7	Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
6	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	Contains always constant "UmsStd".
4	Branch-Identification	<BrnchId>	[0..1]	Information identifying a specific branch of a financial institution.	BranchData	
5	Identification	<Id>	[0..1]	Unique and unambiguous identification of a branch of a financial institution.	Max35Text	
5	Name	<Nm>	[0..1]	Name by which a party is known and which is usually used to identify that party.	Max140Text	
5	PostalAddress	<PstlAdr>	[0..1]	Address for the institution.	PostalAddress6 (s. o.)	

Example:

```

<FinInstnId>
  <BIC>ABCDDEFFXXX</BIC>
  <PstlAdr>
    <Ctry>DE</Ctry>
    <AdrLine>Optionale Adressangaben</AdrLine>
  </PstlAdr>
  <Othr>
    <Id>123456789</Id>
  </Othr>
</FinInstnId>

```

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```
<Issr>UmsStId</Issr>
</Othr>
</FinInstnId>
```

7.5.11 Related Account <RltdAcct>, [0..1]

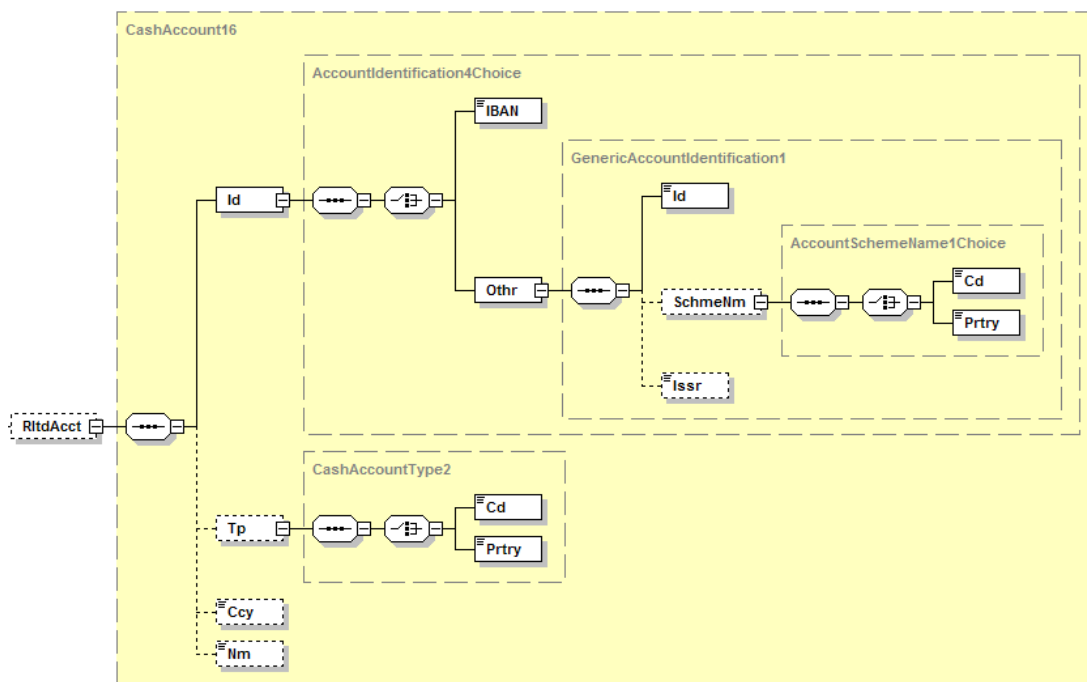


Diagram 51: camt.053.001.02, RltdAcct

Definition

Identifies the parent account of the reported account.

Rules

+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
1	Identification	<Id>	[1..1]	see 7.5.8	Account-Identification4Choice	
2	IBAN	<IBAN>	[1..1]	see 7.5.8	IBAN2007-Identifier	see 7.5.8
2	Other-Identification	<Othr>	[1..1]	see 7.5.8	GenericAccountIdentification1	
1	Type	<Tp>	[0..1]	see 7.5.8	CashAccount-Type2	
2	Code	<Cd>	[1..1]	see 7.5.8	CashAccount-Type4Code	
2	Proprietary	<Prtry>	[1..1]	see 7.5.8	Max35Text	

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1	Currency	<Ccy>	[0..1]	see 7.5.8	CurrencyCode	
1	Name	<Nm>	[0..1]	see 7.5.8	Max70Text	

For codes of CashAccountType4Code see 7.5.8.

Examples:

```
<Id>
  <IBAN>DE58123456780123456789</IBAN>
</Id>
<Tp>
  <Cd>CACC</Cd>
</Tp>
<Ccy>EUR</Ccy>
```

7.5.12 Balance <Bal>, [1.. n], occurrences according to DK [2.. n]

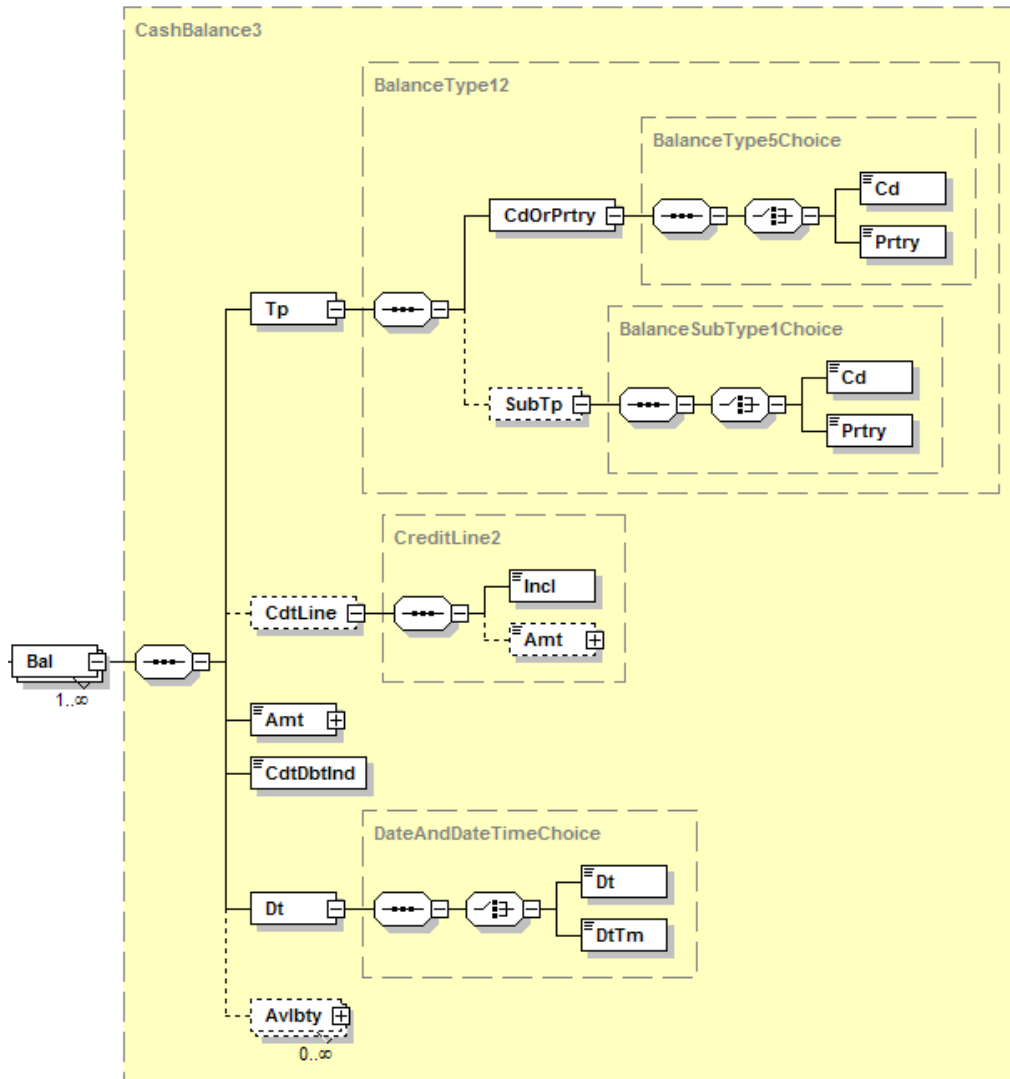


Diagram 52: camt.053.001.02, Bal

Definition

Set of elements defining the balance(s).

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Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
3	Type	<Tp>	[1..1]	Specifies the nature of a balance	BalanceType12	
4	CodeOr-Proprietary	<CdOrPrtry>	[1..1]	Coded or proprietary format balance type.	BalanceType5-Choice	
5	Code	<Cd>	[1..1]	In a coded form.	see the following BalanceType12Code	Only a choice of ISO codes is permitted (see following code table).
5	Proprietary	<Prtry>	[1..1]	In a proprietary form.	Max35Text	
4	SubType	<SubTp>	[0..1]	Specifies the balance sub-type.	BalanceSub-Type1Choice	
5	Code	<Cd>	[1..1]	Specifies the code for the type of a balance, eg, opening booked balance.	External-BalanceSub-Type1Code	
5	Proprietary	<Prtry>	[1..1]	Specifies a proprietary code for the balance type.	Max35Text	
3	CreditLine	<CdtLine>	[0..1]	Set of elements used to provide details on the credit line.	CreditLine2	
4	Included	<Incl>	[1..1]	Indicates whether (true) or not (false) the credit line is included in the balance.	TrueFalse-Indicator	
4	Amount	<Amt>	[0..1]	Amount of money of the credit line.	ActiveOrHistoricCurrencyAndAmount	
3	Amount	<Amt>	[1..1]	Amount of money of the cash balance.	ActiveOrHistoricCurrencyAndAmount	
3	CreditDebit-Indicator	<CdtDbtInd>	[1..1]	Indicates whether the balance is a credit (CRDT) or a debit (DBIT) balance. A zero balance is considered to be a credit balance.	CreditDebit-Code	
3	Date	<Dt>	[1..1]	Indicates the date (and time) of the balance.	DateAndDate-TimeChoice	
4	Date	<Dt>	[1..1]	Specified date.	ISODate	Use of this optional element recommended.
4	DateTime	<DtTm>	[1..1]	Specified date and time.	ISODateTime	
3	Availability	<Avlby>	[0..n]	Set of elements used to indicate when the booked amount of money will become available, that is can be accessed and starts generating interest.	CashBalance-Availability2	Not used.

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Values allowed by the DK to be used, type: BalanceType12Code

CLBD	ClosingBooked	Balance of the account at the end of the pre-agreed account reporting period.
CLAV	ClosingAvailable	Closing balance of amount of money that is at the disposal of the account owner on the date specified.
FWAV	ForwardAvailable	Forward available balance of money that is at the disposal of the account owner on the date specified.
ITBD	InterimBooked	Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day.
PRCD	PreviouslyClosedBooked	Balance of the account at the previously closed account reporting period.

DK Rule for the Transgression of the segmentation size (see 7.3.1, Camt Message Size)

If more than one camt.053 message is necessary (as, for example the segmentation size is exceeded) the balance type has to be allocated as follows:

First camt.053 message:
First balance "PRCD" and second balance "ITBD"

Further camt.053 messages (if required):
Each first and second balance "ITBD"

Last camt.053 message:
First balance "ITBD" and second balance "CLBD"

Example:

```
<Tp>
  <CdOrPrtry>
    <Cd>PRCD</Cd>
  </CdOrPrtry>
</Tp>
<Amt Ccy="EUR">1000000.00</Amt>
<CdtDbtInd>CRDT</CdtDbtInd>
<Dt>
  <Dt>2008-09-23</Dt>
</Dt>
</Bal>
<Bal>
  <Tp>
    <CdOrPrtry>
      <Cd>CLBD</Cd>
    </CdOrPrtry>
  </Tp>
  <Amt Ccy="EUR">1259621.56</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
  <Dt>
    <Dt>2008-09-24</Dt>
  </Dt>
</Bal>
<Bal>
  <Tp>
    <CdOrPrtry>
      <Cd>CLAV</Cd>
```

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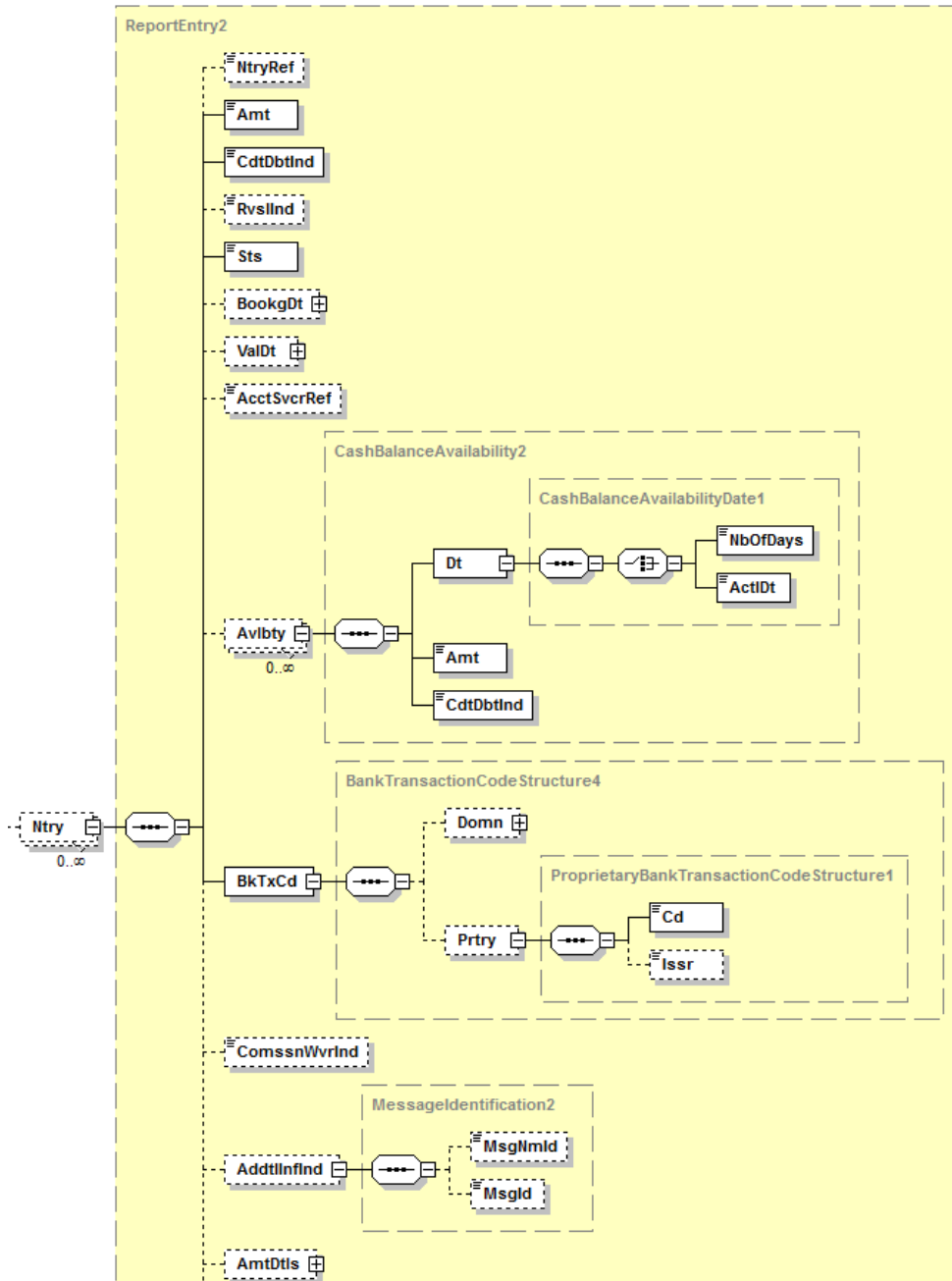
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```
</CdOrPrtry>
</Tp>
<Amt Ccy="EUR">1259556.65</Amt>
<CdtDbtInd>CRDT</CdtDbtInd>
<Dt>
  <Dt>2008-09-23</Dt>
</Dt>
</Bal>
<Bal>
  <Tp>
    <CdOrPrtry>
      <Cd>FWAV</Cd>
    </CdOrPrtry>
  </Tp>
  <Amt Ccy="EUR">1258556.65</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
  <Dt>
    <Dt>2008-09-25</Dt>
  </Dt>
```

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Appendix 3: Specification of Data Formats

7.5.13 Entry <Ntry>, [0.. n]



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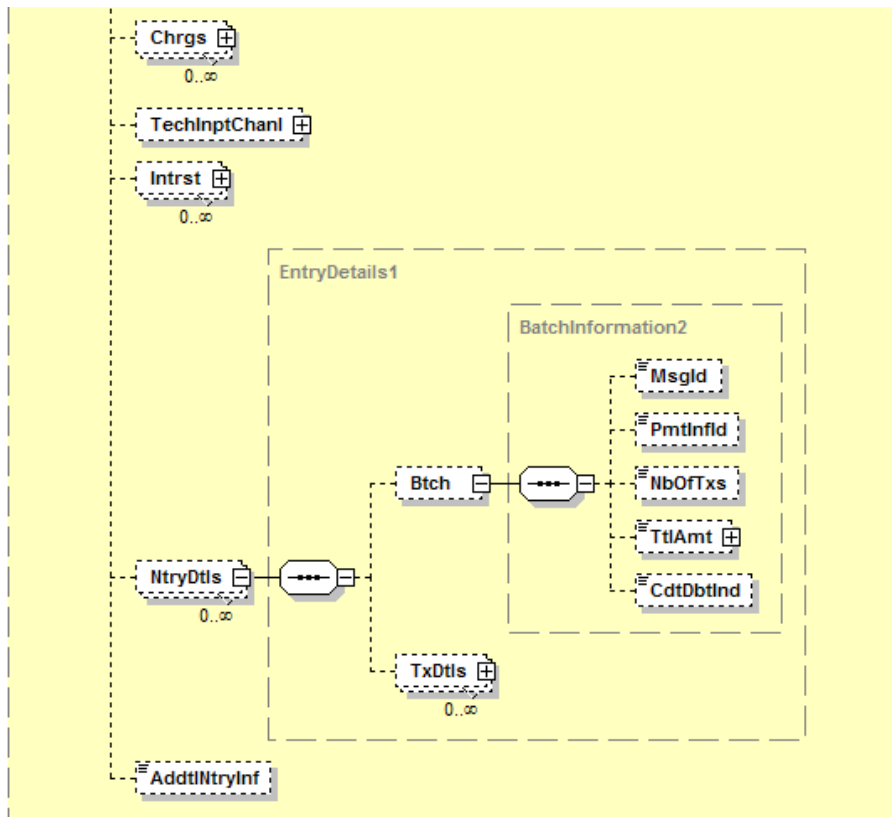


Diagram 53 part 2: camt.053.001.02, Ntry

Definition

Specifies the elements of an entry in the statement.

Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
3	EntryReference	<NtryRef>	[0..1]	Eindeutige Referenz	Max35Text	
3	Amount	<Amt>	[1..1]	Amount of money in the cash entry.	ActiveOrHistoricCurrencyAndAmount	To be specified in account currency. See 7.5.13.1 for more information.
3	CreditDebit-Indicator	<CdtDbtInd>	[1..1]	Specifies if an entry is a credit (CRDT) or a debit (DBIT) balance.	CreditDebit-Code	

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Appendix 3: Specification of Data Formats

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
3	Reversal-Indicator	<RvslInd>	[0..1]	Indicates whether the entry is the result of a reversal operation. This element should only be present if the entry is the result of a reversal operation. If the CreditDebitIndicator is CRDT and ReversalIndicator is Yes, the original operation was a debit entry. If the CreditDebitIndicator is DBIT and ReversalIndicator is Yes, the original operation was a credit entry.	TrueFalse-Indicator	
3	Status	<Sts>	[1..1]	Status of an entry on the books of the account servicer.	see the following EntryStatus2Code	Only ‚BOOK‘ is permitted.
3	BookingDate	<BookgDt>	[0..1]	Date and time when an entry is posted to an account on the account servicer's books.	DateAndDate-TimeChoice	
4	Date	<Dt>	[1..1]	Specified date.	ISODate	Use of this optional element is recommended.
4	DateTime	<DtTm>	[1..1]	Specified date and time.	ISODateTime	
3	ValueDate	<ValDt>	[0..1]	Date and time assets become available to the account owner (in a credit entry), or cease to be available to the account owner (in a debit entry).	see page above: BookingDate	see page above: BookingDate
3	AccountServicer-Reference	<AcctSvcr-Ref>	[0..1]	Account servicing institution's reference for the underlying transaction.	Max35Text	
3	Availability	<Avlbt>	[0..n]	Set of elements used to indicate when the booked funds will become available, i.e. can be accessed and start generating interest.	CashBalance-Availability2	
4	Date	<Dt>	[1..1]	Indicates when the amount of money will become available.	CashBalance-Availability-Date1	e.g. availability of a debit entry
5	NumberOfDays	<NbOf-Days>	[1..1]	Indicates the number of float days attached to the balance.	Max15Plus-SignedNumeric-Text	Is not used.
5	ActualDate	<ActlDt>	[1..1]	Identifies the actual availability date.	ISODate	
4	Amount	<Amt>	[1..1]	Identifies the available amount.	ActiveOrHistoricCurrencyAndAmount	

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Appendix 3: Specification of Data Formats

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
4	CreditDebit-Indicator	<CdtDbtInd>	[1..1]	Indicates whether the balance is a credit (CRDT) or a debit (DBIT) balance.	CreditDebit-Code	
3	BankTransaction-Code	<BkTxCd>	[1..1]	Set of elements to fully identify the type of underlying transaction resulting in an entry.	Bank-Transaction-CodeStructure4	A specification for each single transaction at TxDtIs level is also mandatory.
4	Domain	<Domn>	[0..1]	Specifies the domain, the family and the sub-family of the bank transaction code, in a structured and hierarchical format.	Bank-Transaction-CodeStructure5	The allocation is optional and additional to <Prtry> In the case of an allocation allocations in accordance with the GVC used in <Prtry> and the rules in Annex 1 of Appendix 3. For the structure of the element group see chapter 7.5.15.2)
4	Proprietary	<Prtry>	[0..1]	Proprietary identification of the kind of business	Proprietary-Bank-Transaction-CodeStructure1	Allocation is mandatory Occurrence according to DK [1..1]

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
5	Code	<Cd>	[1..1]	Code to identify the kind of business	Max35Text	Contains the business transaction code (GVC, see chapter 8.2.6), It is also optionally possible that the bank allocates the string defined in chapter 7.5.15.1 which also contains the GVC. a) In the case of a single transaction or a non-itemised batched transaction the GVC is identical to the GVC used in transaction details (compare to chapter 7.5.15.1) b) In the case of an itemised batched transaction a comprehensive GVC for the batch transaction is to be used.
5	Issuer	<Issr>	[0..1]	Issuer of the Code	Max35Text	Has to be allocated with the constant „DK“ ¹⁴⁰ Occurrence according to DK [1..1]
3	Commission-WaiverIndicator	<Comssn-WvrInd>	[0..1]	Indicates whether the transaction is exempt from commission.	YesNoIndicator	Not used.
3	Additional-Information-Indicator	<AddtlInflnd>	[0..1]	Indicates whether the underlying transaction details are provided through a separate message, e.g. in case of aggregate postings.	Message-Identification2	Any reference to a camt.054 message is specified here.
4	MessageName-Identification	<MsgNmId>	[0..1]	Specifies the message name identifier of the message that will be used to provide additional details.	Max35Text	e.g.camt.054.001.02

¹⁴⁰ „DK“ is the technical code for the issuer „Die Deutsche Kreditwirtschaft“.

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Appendix 3: Specification of Data Formats

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
4	Message- Identification	<MsgId>	[0..1]	Specifies the identification of the message that will be used to provide additional details.	Max35Text	
3	AmountDetails	<AmtDtls>	[0..1]	Set of elements providing information on the original amount.	AmountAnd-Currency-Exchange3	Is not used on the level „Entry“ but on the Transaction-Details level (see 7.5.15).
3	Charges	<Chrgs>	[0..n]	Provides information on the charges included in the entry amount. (This set of elements can be used on the levels 'Entry' as well as 'TransactionDetails').	see 7.5.14	Values are assigned to this element group on the level "Entry" only if they represent charges (own or foreign) which are assigned directly to a batched transaction file.
3	Interest	<Intrst>	[0..n]	Set of elements providing details on the interest amount included in the entry amount.	Transaction-Interest2	
3	EntryDetails	<NtryDtls>	[0..n]	Set of elements used to provide details on the entry.	EntryDetails1	
4	Batch	<Btch>	[0..n]	Set of elements providing details on batched transactions.	Batch-Information2	Reference to a batched transaction file submitted by the customer.
5	Message- Identification	<MsgId>	[0..1]	Point to point reference assigned by the sending party to unambiguously identify the batch of transactions.	Max35Text	
5	Payment- Information- Identification	<PmtInflId>	[0..1]	Reference assigned by a sending party to unambiguously identify a payment information block within a payment message (Id).	Max35Text	Provided that a <PmtInflId> exists (i.e. whenever the client who receives the camt message initiated the payment by a pain message) it is allocated here.
5	NumberOf- Transactions	<NbOfTx>	[0..1]	Number of individual transactions included in the batch.	Max15Numeric-Text	
5	TotalAmount	<TtlAmt>	[0..1]	Total amount of money reported in the batch entry.	ActiveOrHistoricCurrencyAndAmount	
5	CreditDebit- Indicator	<CdtDbtInd>	[0..1]	Indicates whether the balance is a credit (CRDT) or a debit (DBIT) balance.	CreditDebit-Code	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
4	Transaction-Details	<TxDtIs>	[0..n]	Set of elements providing information on the underlying transaction(s).	see 7.5.15	To be used at least once: Oc-currences according to DK [1..n]
3	Additional-EntryInformation	<AddtlNtry-Inf>	[0..1]	Further details on the entry details.	Max500Text	A GVC (business transaction code) long text and/or further information regarding the entry may be assigned to this element.

Values allowed by the DK to be used, type: EntryStatus2Code

BOOK	Booked	The transfer of money has been completed between account servicer and account owner.
INFO	Information	Entry is only provided for information, and no booking on the account owner's account in the account servicer's ledger has been performed.
PDNG	Pending	Booking on the account owner's account in the account servicer's ledger has not been completed.

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Example:

```
<Amt Ccy="EUR">259621.56</Amt>
<CdtDbtInd>CRDT</CdtDbtInd>
<Sts>BOOK</Sts>
<BookgDt>
  <Dt>2008-09-24</Dt>
</BookgDt>
<ValDt>
  <Dt>2008-09-24</Dt>
</ValDt>
<Avlbtty>
  <Dt>
    <ActlDt>2008-09-24</ActlDt>
  </Dt>
  <Amt Ccy="EUR">259621.56</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
</Avlbtty>
<BkTxCd>
  <Prtry>
    <Cd>192</Cd>
    <Issr>DK</Issr>
  </Prtry>
</BkTxCd>
<AddtlInfInd>
  <MsgNmId>camt.054.001.02</MsgNmId>
  <MsgId></MsgId>
</AddtlInfInd>
<Chrgs>
  ...
</Chrgs>
<NtryDtls>
  <Btch>
    <MsgId>pain.xxx MsgId</MsgId>
    <PmtInfId> </PmtInfId>
  </Btch>
  <TxDtls>
    ...
  </TxDtls>
</NtryDtls>
<AddtlNtryInf></AddtlNtryInf>
```

7.5.13.1 Dependencies of the Amount Elements on the Levels Entry <Ntry> and TransactionDetails <TxDtls>

For details on the Amount elements on the TransactionDetails levels see 7.5.16. The currency of the element Amount on level Entry has to match the account currency at all times.

If AmountDetails are specified under TransactionDetails, too, the currency of the TransactionAmount has to match the account currency at all times. In this case, all TransactionAmount elements must have values allocated to at all times. Moreover, the sum* of all TransactionAmounts has to match the Amount element on the level Entry:

*mathematical expression:
$$\sum_{\langle TxDtls \rangle} (\langle TxDtls \rangle \times \langle AmtDtls \rangle \times \langle TxAmt \rangle) = \langle Amt \rangle \text{ on level Entry}$$

7.5.14 Charges <Chrgs>, [0.. n]

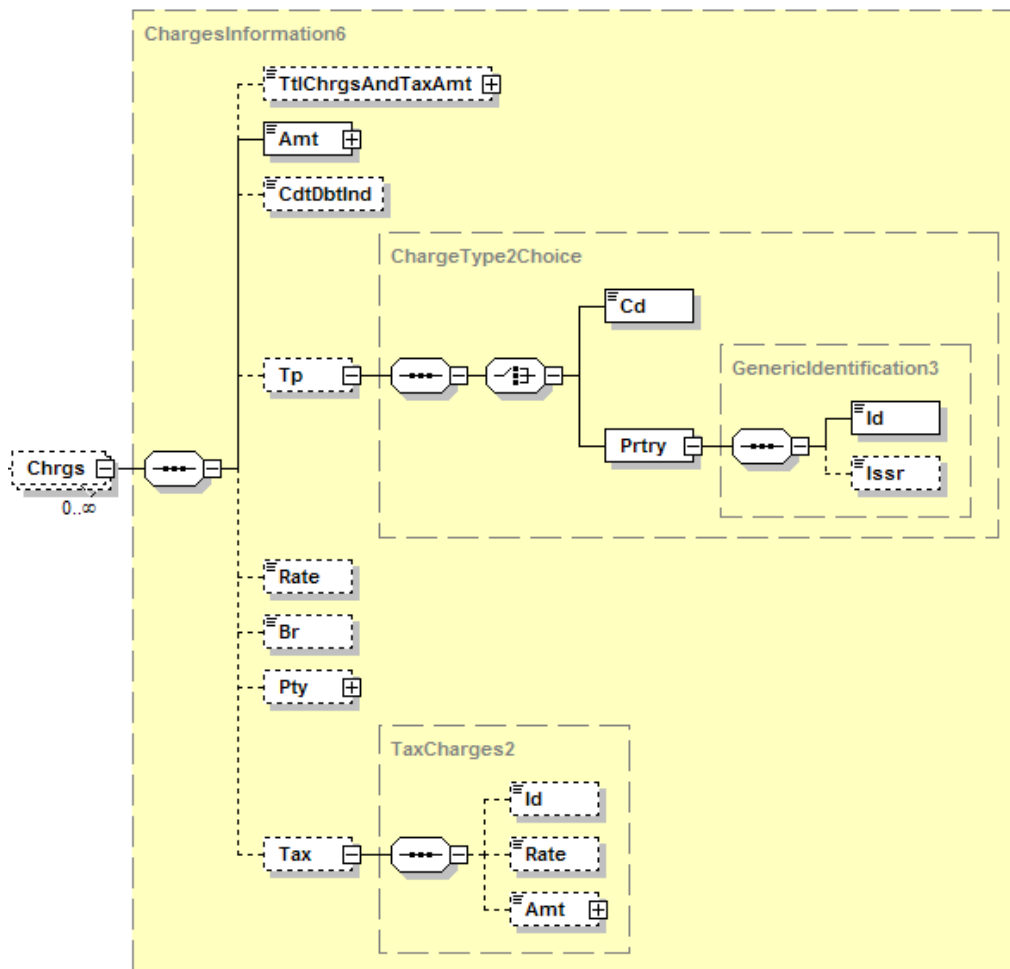


Diagram 54: camt.053.001.02, Chrgs

Definition

Set of elements providing details on the interest amount included in the entry amount (this group of elements can be used on the levels "Entry" and "TransactionsDetails").

Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
4	TotalCharges-AndTaxAmount	<TtlChrgsAndTaxAmt>	[0..1]	Total of all charges and taxes applied to the entry.	ActiveOrHistoricCurrencyAndAmount	
4	Amount	<Amt>	[1..1]	Transaction charges to be paid by the charge bearer.	ActiveOrHistoricCurrencyAndAmount	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
	CreditDebit-Indicator	<CdtDbtInd>	[0..1]	Indicates whether the balance is a credit (CRDT) or a debit (DBIT) balance.	CreditDebit-Code	
4	Type	<Tp>	[0..1]	Identifies the type of charge.	ChargeType2-Choice	
5	Code	<Cd>	[1..1]	Coded form: BRKF = Fee paid to a broker for services provided. COMM = Fee paid for services provided.	ChargeType1-Code	
5	Proprietary	<Prtry>	[1..1]	Type of charge is a bilaterally agreed code.	Generic-Identification3	
6	Identification	<Id>	[1..1]	Name or number assigned by an entity to enable recognition of that entity.	Max35Text	
6	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	
4	Rate	<Rate>	[0..1]	Rate used to calculate the amount of the charge or fee.	Percentage-Rate	
4	Bearer	 	[0..1]	Specifies which party/parties will bear the charges associated with the processing of the payment transaction. CRED = to be borne by the creditor. DEBT = to be borne by the debtor. SHAR = layout for charges. SLEV = agreed rules for charges.	ChargeBearer-Type1Code	
4	Party	<Pty>	[0..1]	Party that takes the transaction charges or to which the transaction charges are due.	see 7.5.17	If Charges in TxDtIs (see 7.5.15) are used than the IBAN of a clearing account for the charges can be given here (in FinInstnId/OthrId).
4	Tax	<Tax>	[0..1]	Specifies tax details applied to charges.	TaxCharges2	For specifying the VAT.
5	Identification	<Id>	[0..1]	Reference identifying the nature of tax levied.	Max35Text	
5	Rate	<Rate>	[0..1]	Rate used for calculation of the tax.	Percentage-Rate	
5	Amount	<Amt>	[0..1]	Amount of money resulting from the calculation of the tax and its currency.	ActiveOrHistoricCurrencyAndAmount	

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Example:

<code><Amt Ccy="EUR">2</Amt></code>

7.5.15 Transaction Details <TxDtIs>, [0.. n]

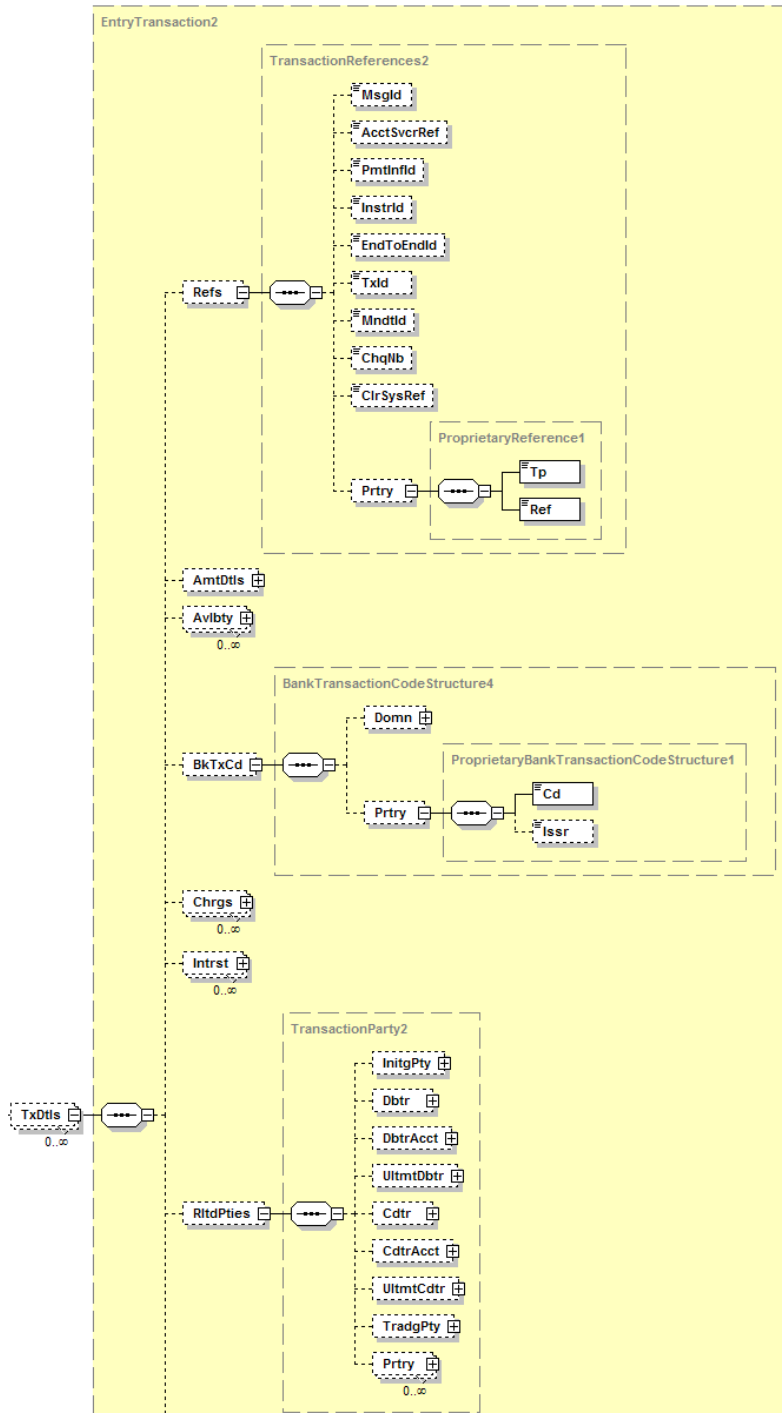


Diagram 55 part 1: camt.053.001.02, TxDtIs

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Diagram 55 part 2: camt.053.001.02, TxDtls

Definition

Set of elements providing information on the underlying transaction(s).

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
5	References	<Refs>	[0..1]	Set of elements providing the identification of the underlying transaction.	Transaction-References2	All DK-rules in element group <Refs> relate to the case of cheques. The rules become valid after the migration of cheque clearing to ISO 20022 (i.e. from November 21 st , 2016)
6	Message-Identification	<MsgId>	[0..1]	Message-Id <MsgId> of the underlying pain-message.	Max35Text	
6	AccountServicer-Reference	<AcctSvcr-Ref>	[0..1]	The account servicing institution's reference for the transaction.	AcctSvcrRef	

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	Payment-Information-Identification	<PmtInfId>	[0..1]	Unique identification, as assigned by a sending party, to unambiguously identify the payment information group within the message Payment InformationId refers to the pain message.	Max35Text	
6	Instruction-Identification	<InstrId>	[0..1]	Unique identification as assigned by an instructing party for an instructed party.	Max35Text	
6	EndToEnd-Identification	<EndToEndId>	[0..1]	Unique identification assigned by the initiating party to unambiguously identify the transaction.	Max35Text	In case of cheques the constant value „SCHECK-NR. “, followed by the cheque number is to be allocated (according to the value of EndToEndId of the corresponding cheque transaction).
6	Transaction-Identification	<TxId>	[0..1]	Unique identification assigned by the first instructing agent to unambiguously identify the transaction (G1)	Max35Text	In case of cheques the first 12 digits of the ISE/BSE reference is to be allocated
6	Mandate-Identification	<MndtId>	[0..1]	Reference of the direct debit mandate that has been signed between by the debtor and the creditor.	Max35Text	
6	ChequeNumber	<ChqNb>	[0..1]	Identifies the cheque number.	Max35Text	In case of cheques the cheque number is to be allocated
6	Clearing-SystemReference	<ClrSysRef>	[0..1]	Unique and unambiguous identifier for a payment instruction, assigned by the clearing system.	Max35Text	
6	Proprietary	<Prtry>	[0..1]	Proprietary reference of an underlying transaction.	Proprietary-Reference1	
7	Type	<Tp>	[1..1]	Identifies the type of reference reported.	Max35Text	
7	Reference	<Ref>	[1..1]	Proprietary reference specification related to the underlying transaction.	Max35Text	

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
5	AmountDetails	<AmtDtls>	[0..1]	Set of elements providing details information on the original amount.	see 7.5.16	
5	Availability	<Avlbtty>	[0..n]	Set of elements used to indicate when the booked funds will become available.	CashBalance-Availability2	Not used.
5	BankTransaction-Code	<BkTxCd>	[0..1]	Set of elements to fully identify the type of underlying transaction resulting in an entry.	Bank-Transaction-CodeStructure1	Must be used: Occurrences according to DK [1..1] References to the allocation of this element see chapter 7.5.15.1
6	Domain	<Domn>	[0..1]	Specifies the domain, the family and the sub-family of the bank transaction code, in a structured and hierarchical format.	Bank-Transaction-CodeStructure5	The allocation is optional and additional to <Prtry>. Details see chapter 7.5.15.2
6	Proprietary	<Prtry>	[0..1]	Proprietary identification of the bank transaction code, as defined by the issuer.	Proprietary-Bank-Transaction-CodeStructure1	Must be used: Occurrences according to DK [1..1]
7	Code	<Cd>	[1..1]	Proprietary bank transaction code to identify the underlying transaction.	Max35Text	The allocation rule is described below the table.
7	Issuer	<Issr>	[0..1]	Identification of the issuer of the proprietary bank transaction code.	Max35Text	Constant „DK“ ¹⁴¹ is allocated to this element: Occurrences according to DK [1..1]

¹⁴¹ „DK“ is the technical code for the issuer „Die Deutsche Kreditwirtschaft“

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
5	Charges	<Chrgs>	[0..n]	see 7.5.14	see 7.5.14	Charges are exclusively allocated on TxDtIs level unless they represent charges which are assigned directly to a batched transaction file. In addition: 1) Only charges of an ordered and entered amount will be accounted for here. 2) Charges that are belonging technically to the transaction but are invoiced separately must not be accounted for here.
5	Interest	<Intrst>	[0..n]	Information about the interest amount in the transaction	TransactionInterest2	In this element group's amount fields e.g. interest compensation amounts from direct debit returns or interest amounts from securities transactions can be specified.
6	Amount	<Amt>	[1..1]	Amount and currency of the interest amount	ActiveOrHistoricCurrencyAndAmount	
6	CreditDebit-Indicator	<CdtDbtInd>	[1..1]	Indicator for debit (DBIT) and credit (CRDT), respectively	CreditDebit-Code	
6	Type	<Tp>	[0..1]	Interest type	InterestType1Choice	
6	Rate	<Rate>	[0..1]	Interest rate	Rate3	
6	FrToDt	<FrToDt>	[0..1]	Period of interest calculation	DateTimePeriodDetails	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Reason	<Rsn>	[0..1]	Reason for the collection of the interest amount	Max500Text	In the case of allocation of (interest) compensation amounts in <Amt> the code „CompstnAmt“ is to be allocated here (see also example no. 3 in chapter 7.5.15.3)
5	RelatedParties	<RltdPties>	[0..1]	Set of elements identifying the parties related to the underlying transaction.	Transaction-Party2	In the case of R-transactions the related parties (creditor/debtor) retain the roles they had in the original transaction (details see chapter 7.5.15.4)
6	InitiatingParty	<InitgPty>	[0..1]	Party initiating the payment to an agent.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	Debtor	<Dbtr>	[0..1]	Remitter or party liable to pay that owes an amount of money to the (ultimate) creditor.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	DebtorAccount	<DbtrAcct>	[0..1]	Unambiguous identification of the account of the debtor.	see 7.5.11	
6	UltimateDebtor	<UltmtDbtr>	[0..1]	Party liable to pay who differs from the account owner.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	Creditor	<Cdtr>	[0..1]	Beneficiary or remittee to which an amount of money is due.	see <Owner> in 7.5.8 and <Id> in 7.5.9	In case of a SEPA direct debit, the Creditor Identifier is to be allocated to <Id> <PrvtId> <Othrid> (analogous to pain008).
6	CreditorAccount	<CdtrAcct>	[0..1]	Unambiguous identification of the account of the creditor of the payment transaction.	see 7.5.11	
6	UltimateCreditor	<UltmtCdtr>	[0..1]	Remittee who differs from the account owner.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	TradingParty	<TradgPty>	[0..1]	Broker that plays an active role in planning and executing the transactions.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	Proprietary	<Prtry>	[0..n]	Provides proprietary party information.	Proprietary-Party2	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
5	RelatedAgents	<RltdAgts>	[0..1]	Set of elements identifying the agents related to the underlying transaction.	see 7.5.18	In the case of R-transactions the related agents retain the roles they had in the original transaction (details see chapter 7.5.15.4)
5	Purpose	<Purp>	[0..1]	Underlying reason for the payment transaction, e.g. a charity payment, or a commercial agreement between the creditor and the debtor.	see 7.5.19	
5	Related-Remittance-Information	<RltdRmt-Inf>	[0..10]	Information related to the handling of the remittance information by any of the agents in the transaction processing chain.	Remittance-Location2	Not used.
5	Remittance-Information	<RmtInf>	[0..1]	Information that enables the matching, i.e. reconciliation, of a payment with the items that the payment is intended to settle, e.g. commercial invoices in an account receivable system.	see 7.5.20	
5	RelatedDates	<RltdDts>	[0..1]	Set of elements identifying the dates related to the underlying transactions.	see 7.5.21	The use is not recommended for the time being, unless it concerns SEPA Cards Clearing (SCC) payments. Apart from that, the element <RmtInf> should be used.
5	RelatedPrice	<RltdPric>	[0..1]	Set of elements identifying the price information related to the underlying transaction.	see 7.5.22	The use is not recommended for the time being (A detailed specification will be given in a follow-up version).
5	RelatedQuantities	<RltdQties>	[0..n]	Identifies related quantities (e.g. of securities) in the underlying transaction.	see 7.5.23	The use is not recommended for the time being (A detailed specification will be given in a follow-up version).

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
5	Financial-Instrument-Identification	<FinInstr- mld>	[0..1]	Identification of a security, as assigned under a formal or proprietary identification scheme.	see 7.5.24	The use is not recommended for the time being (A detailed specification will be given in a follow-up version).
5	Tax	<Tax>	[0..1]	Amount of money due to the government or tax authority, according to various pre-defined parameters such as thresholds or income.	see 7.5.25	
5	ReturnInformation	<RtrInf>	[0..1]	Set of elements specifying the return information.	see 7.5.26	To be allocated in the case of returns
5	CorporateAction	<CorpActn>	[0..1]	Set of elements identifying the underlying corporate action.	see 7.5.27	The use is not recommended for the time being (A detailed specification will be given in a follow-up version).
5	Safekeeping-Account	<SfkpgAcct>	[0..1]	Safekeeping or investment account. A safekeeping account is an account on which a securities entry is made.	see 7.5.11	The use is not recommended for the time being (A detailed specification will be given in a follow-up version).
5	Additional-Transaction-Information	<AddtlTx- Inf>	[0..1]	Further details on the transaction details.	Max500Text	A GVC (business transaction code) long text and/or further information regarding the transaction may be assigned to this element

7.5.15.1 Default values for the allocation of field <BkTxCd><Prtry><Cd>

The code comprises the following components that are set up as a string each component being linked to the next by a "+":

1. Four-digit SWIFT transaction code
2. Business transaction code (GVC)
3. Optional: prima nota number (10 digits maximum)
4. Text key supplement, if displayable

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Examples:

<Cd>NDDT+109+9002/405+901</Cd> Example for a SEPA direct debit

<Cd>NTRF+116+9002/405</Cd> Example for a SEPA credit transfer

Text key supplement can be omitted (e.g. in case of SEPA payments).

If an internal component (prima nota) is missing, two plus characters are used in order to highlight the gap within the string.

<Cd>NDDT+109++901</Cd> Example for a SEPA direct debit

<Cd>NTRF+116</Cd> Example for ab SEPA credit transfer

<Cd>NDDT+106+9311/300+011</Cd> Example for a deferred payment by electronic cash (debtor side)

<Cd>NDDT+106+9311/301+003</Cd> Example for a cash disbursement

<Cd>NCHK+101+9208+000</Cd> Example for the debit of the drawer of a cheque

<Cd>NCHK+170+9408</Cd> Example for a cheque presentation

7.5.15.2 Default values for the allocation of the structure <BkTxCd><Domn> >, [0..1]

The German business transaction code (GVC, all registered in chapter 8.2.6 of this document) is allocated in the message types camt.052/53/54 in <BkTxCd><Prtry><Cd>.

The allocation of this element is mandatory on both levels (transaction details as well as entry) considering the corresponding allocation modalities.

It is possible to allocate – in addition – the ISO 20022 standard bank transaction code (BTC) structured as Domain/Family/Subfamily as well. When allocating the BTC structure, Annex 1 of this document describing a mapping between GVC and BTC has to be taken into consideration. The GVC used in <Prtry><Cd> is always the basis for the allocation of the element group <Domn>. If in Annex 1 multiple options exist the bank can choose one of them.

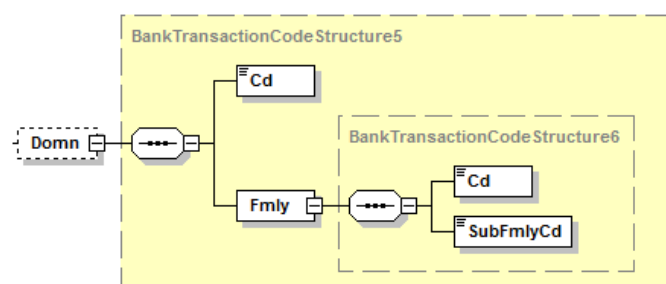


diagram 56 camt.053.001.02, Domn

Definition

Structured classification of business transactions as per ISO 20022.

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Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
7	Code	<Cd>	[1..1]	Domain code	External-BankTransactionDomain1Code	Allocation corresponding to Annex 1 (Mapping GVC → BTC) based on the GVC used in <Prtry><Cd>
7	Family	<Fmly>	[1..1]	Specifies a family within a domain	Bank-Transaction-CodeStructure6	
8	Code	<Cd>	[1..1]	Family code	External-BankTransactionFamily1Code	Allocation corresponding to Annex 1 (Mapping GVC → BTC) based on the GVC used in <Prtry><Cd>
8	SubFamilyCode	<SubFmlyCd>	[1..1]	Subfamily code	External-BankTransactionSubFamily1Code	Allocation corresponding to Annex 1 (Mapping GVC → BTC) based on the GVC used in <Prtry><Cd>

Examples for the allocation of <Domn> can be found in chapter 7.5.15.3.

7.5.15.3 Excerpts from examples

The specification of the values in <Domn> are according to Annex 1 (mapping table).

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1. Example: “Credit note of a Cheque presentation”

```
<Refs>
  <EndToEndId>SCHECK-NR. 0000108339362</EndToEndId>
  <ChqNb>0000108339362</ChqNb>
</Refs>
<AmtDtls>
...
</AmtDtls>
<BkTxCd>
  <Domn>
    <Cd>PMNT</Cd>
    <Fmly>
      <Cd>RCHQ</Cd>
      <SubFmlyCd>URCQ</SubFmlyCd>
    </Fmly>
  </Domn>
  <Prtry>
    <Cd>NCHK+170+9408</Cd>
    <Issr>DK</Issr>
  </Prtry>
</BkTxCd>
<Chrgs>
...
</Chrgs>
<RltdPties>
  <Dbtr>
    <Nm> </Nm>
  </Dbtr>
  <DbtrAcct>
...
</DbtrAcct>
  <Cdtr>
    <Nm> </Nm>
...
</Cdtr>
  <CdtrAcct>
...
</CdtrAcct>
</RltdPties>
<RltdAgts>
...
</RltdAgts>
<RmtInf>
...
</RmtInf>
```

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2. Example: “Debit entry due to a SEPA direct debit”

```
<Refs>
  <AcctSvcrRef> </AcctSvcrRef>
  <EndToEndId> </EndToEndId>
  <MndtId> </MndtId>
</Refs>
<AmtDtls>
  ...
</AmtDtls>
<BkTxCd>
  <Domn>
    <Cd>PMNT</Cd>
    <Fmly>
      <Cd>RDDT</Cd>
      <SubFmlyCd>ESDD</SubFmlyCd>
    </Fmly>
  </Domn>
  <Prtry>
    <Cd>NDDT+105+9004/405</Cd>
    <Issr>DK</Issr>
  </Prtry>
</BkTxCd>
<RltdPties>
  <Dbtr>
    <Nm> </Nm>
  </Dbtr>
  <DbtrAcct>
    ...
  </DbtrAcct>
  <Cdtr>
    <Nm>Payee</Nm>
    <Id>
      <PrvtId>
        <Othr>
          <Id> </Id>
        </Othr>
      </PrvtId>
    </Id>
  </Cdtr>
  <CdtrAcct>
    ...
  </CdtrAcct>
</RltdPties>
<RltdAgts>
  ...
</RltdAgts>
<RmtInf>
  <Ustrd>Telephone bill ...</Ustrd>
</RmtInf>
```

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3. Example: "Representation of interest compensation amounts"

Compensation amounts are added (analogous to charges) to the return debit amount.

As a basic principle the element group "Charges" remains empty on the level "Entry". It is only usable in case of charges which either refer to the complete batched transactions or are not assignable to a specific transaction in case of multiple transactions.

Note: The amounts in this example only represent an example for the calculation and assignment of the amount fields.

```
<Ntry>
<!-- entry of the R-transaction in camt (in case of collections it is the sum of amounts)-- >
  <Amt Ccy="EUR">10007.60</Amt>

  .....

  <NtryDtls>
    <TxDtls>
      <Refs> .... </Refs>
    <AmtDtls>
      <InstdAmt>
<!-- Original Amount (Amount of direct debit, in pacs.004 in original data)-- >
      <Amt Ccy="EUR">10000.00</Amt>
      </InstdAmt>
      <TxAmt>
<!-- Return debit amount (original amount plus sum of charges + pot.ompens.am.) -- >
      <Amt Ccy="EUR">10007.60</Amt>
      </TxAmt>
    </AmtDtls>
    <BkTxCd>
      <Domn>
        <Cd>PMNT</Cd>
        <Fmly>
          <Cd>IDDT</Cd>
          <SubFmlyCd>UPDD</SubFmlyCd>
        </Fmly>
      </Domn>
      <Prtry><Cd>NDDT+109</Cd><Issr>DK</Issr></Prtry>
    </BkTxCd>
    <Chrgs>
<!-- External charges -- >
      <Amt Ccy="EUR">3</Amt>
      <Pty><FinInstnId><BIC>charging external bank </BIC></FinInstnId></Pty>
    </Chrgs>
    <Chrgs>
<!-- Internal charges -- >
      <Amt Ccy="EUR">4.00</Amt>
      <Pty><FinInstnId><BIC>own BIC</BIC></FinInstnId></Pty>
    </Chrgs>
    <Intrst> .....
<!-- Compensation amount -- >
      <Amt Ccy="EUR">0.60</Amt>
      <CdtDbtInd>DBIT</CdtDbtInd>
      <Rsn>CompstnAmt</Rsn>
    </Intrst>.
```

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7.5.15.4 Allocation of the related parties in case of R-transactions

In the R-transactions pacs.002 and pacs.004, whose data are amongst others used for the creation of camt account information, the related parties are not reversed because the elements debtor and creditor are located in the structure OriginalTransactionInformation (i.e. the data of the original transaction). Therefor in the pacs.002/004 message the debtor in the structure OriginalTransactionInformation receives the equivalent amount and the creditor pays this amount. This approach is retained in the allocation of the corresponding entries in camt:

Element in SEPA R-transaction pacs.002 / 004	maps to camt.052, camt.053, camt.054
<OrgTxRef><UltmtDbtr>	<NtryDtls><TxDtls><RltdPties><UltmtDbtr>
<OrgTxRef><Dbtr>	<NtryDtls><TxDtls><RltdPties><Dbtr>
<OrgTxRef><DbtrAcct>	<NtryDtls><TxDtls><RltdPties><DbtrAcct>
<OrgTxRef><DbtrAgt>	<NtryDtls><TxDtls><RltdAgts><DbtrAgt>
<OrgTxRef><CdtrAgt>	<NtryDtls><TxDtls><RltdAgts><CdtrAgt>
<OrgTxRef><Cdtr>	<NtryDtls><TxDtls><RltdPties><Cdtr>
<OrgTxRef><CdtrAcct>	<NtryDtls><TxDtls><RltdPties><CdtrAcct>
<OrgTxRef><UltmtCdtr>	<NtryDtls><TxDtls><RltdPties><UltmtCdtr>

7.5.16 Amount Details <AmtDtls>, [0..1]

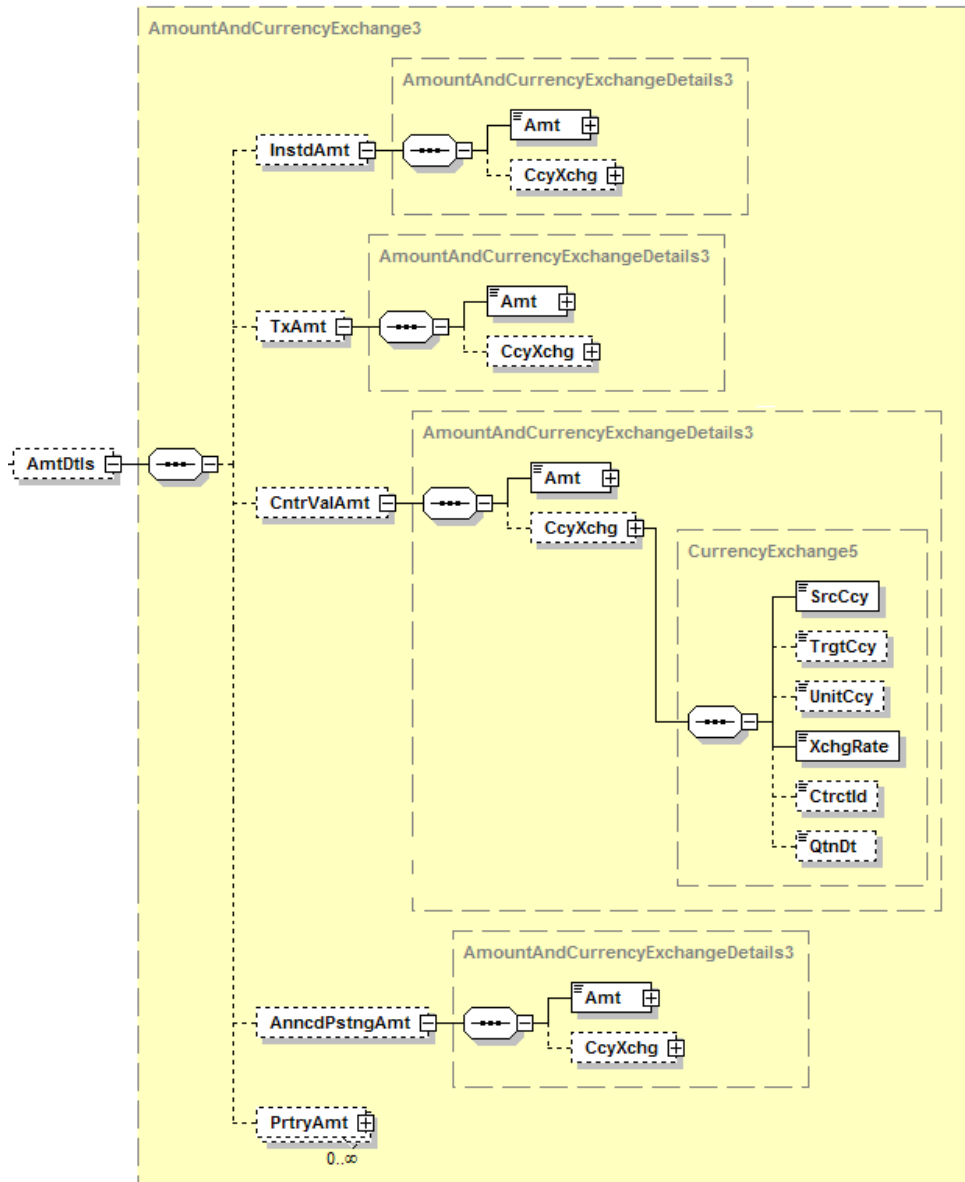


Diagram 57: camt.053.001.02, AmtDtls

Definition

Set of elements providing detailed information on the amount.

This structure is used for more than one element.

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Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Instructed-Amount	<InstdAmt>	[0..1]	The amount instructed by the ordering party	AmountAnd-Currency-Exchange-Details3	
7	Amount	<Amt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	ActiveOrHistoricCurrencyAndAmount	
7	Currency-Exchange	<CcyXchg>	[0..1]	Reports on currency exchange information.	Currency-Exchange5	Not used.
6	Transaction-Amount	<TxAmt>	[0..1]	Amount of the underlying transaction.	see page above: InstructedAmount	To be specified in account currency. See also 7.5.13.1
7	Amount	<Amt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	see page above: InstructedAmount	
7	Currency-Exchange	<CcyXchg>	[0..1]	Reports on currency exchange information.	see page above: InstructedAmount	Not used.
6	CounterValue-Amount	<CntrVal-Amt>	[0..1]	Identifies the result of the currency information applied to an instructed amount.	see page above: InstructedAmount	Amount converted in account currency before deduction of charges; here, the exchange rate is specified, based on the "Instructed Amount" or on the EURO counter value (see Proprietary Amount)
7	Amount	<Amt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	see page above: InstructedAmount	
7	Currency-Exchange	<CcyXchg>	[0..1]	Reports on currency exchange information.	see page above: InstructedAmount	
8	SourceCurrency	<SrcCcy>	[1..1]	Currency of the amount to be converted in a currency conversion.	CurrencyCode	Either identical to currency of Instructed Amount or Euro

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
8	TargetCurrency	<TrgtCcy>	[0..1]	Currency into which an amount is to be converted in a currency conversion.	CurrencyCode	Account currency always
8	UnitCurrency	<UnitCcy>	[0..1]	Currency in which the rate of exchange is expressed in a currency exchange.	CurrencyCode	Example: 1 EUR = x units of another currency. In this case, <UnitCcy> contains "EUR"
8	ExchangeRate	<XchgRate>	[1..1]	Factor used for the conversion of an amount from one currency into another. This reflects the price at which one currency was bought with another currency.	BaseOneRate	
8	Contract-Identification	<CtrctId>	[0..1]	Unique and unambiguous identifier of the foreign exchange contract.	Max35Text	
8	QuotationDate	<QtnDt>	[0..1]	Date and time at which an exchange rate is quoted.	ISODateTime	
6	Announced-PostingAmount	<AnnCdPstngAmt>	[0..1]	Information on the amount of money, based on terms of corporate action event and balance of underlying securities, entitled to/from the account owner.	see page above: InstructedAmount	
7	Amount	<Amt>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	see page above: InstructedAmount	Amount in account currency and account currency code
7	Currency-Exchange	<CcyXchg>	[0..1]	Reports on currency exchange information.	see page above: InstructedAmount	
6	Proprietary-Amount	<PrtryAmt>	[0..n]	Identifies the amount of money to be moved between the debtor and creditor, before deduction of charges.	AmountAnd-Currency-Exchange-Details4	The following values can occur: 1) IBS: Inter-bank settlement amount. 2) EURO counter value: if a conversion via EURO is required

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
7	Type	<Tp>	[1..1]	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party.	Max35Text	For 1) IBS For 2) ECMT
7	Amount	<Amt>	[1..1]	Reports on currency exchange information.	see page above: InstructedAmount	
7	Currency-Exchange	<CcyXchg>	[0..1]	Amount of the underlying transaction.	see page above: CounterValueAmount	

Example 1: Receipt of USD Payment on a Euro Account

```

<InstdAmt>
<Amt Ccy="USD">360873.97</Amt>
</InstdAmt>
<TxAmt>
<Amt Ccy="EUR">259601.56</Amt>
</TxAmt>
<CntrValAmt>
<Amt Ccy="EUR">259621.56</Amt>
<CcyXchg>
<SrcCcy>USD</SrcCcy>
<TrgtCcy>EUR</TrgtCcy>
<UnitCcy>EUR</UnitCcy>
<XchgRate>1.3900</XchgRate>
<QtnDt>2008-09-24T17:54:47.0+01:00</QtnDt>
</CcyXchg>
</CntrValAmt>

```

Example 2: Receipt of USD Payment on a GBP Account

```

<InstdAmt>
<!-- 1. Instructed amount in USD -->
<Amt Ccy="USD">360950.00</Amt>
</InstdAmt>
<TxAmt>
<Amt Ccy="GBP">231045.50</Amt>
</TxAmt>
<!-- 5. Booked amount in GBP, reduced by GBP charges -->
<CntrValAmt>
<!-- 4. GBP amount (calculated from the EUR amount with currency rate
0.87906 -->
<Amt Ccy="GBP">231065.50</Amt>
<CcyXchg>
<SrcCcy>EUR</SrcCcy>
<TrgtCcy>GBP</TrgtCcy>
<UnitCcy>GBP</UnitCcy>
<XchgRate>0.87906</XchgRate>
<QtnDt>2008-09-24T17:54:37.0+01:00</QtnDt>
</CcyXchg>
</CntrValAmt>
<PrtryAmt>
<Tp>ECMT</Tp>
<!-- 3. EUR amount (calculated from USD amount with currency rate 1.3729) -->
<Amt Ccy="EUR">262855.24</Amt>
<CcyXchg>
<SrcCcy>USD</SrcCcy>
<TrgtCcy>EUR</TrgtCcy>
<UnitCcy>EUR</UnitCcy>
<XchgRate>1.3729</XchgRate>

```

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```
<QtnDt>2008-09-24T17:57:47.0+01:00</QtnDt>  
</CcyXchg>  
</PrtryAmt>  
<PrtryAmt>  
<Tp>IBS</Tp>  
<!-- 2. Interbank settlement amount in USD -->  
<Amt Ccy="USD">360873.97</Amt>  
</PrtryAmt>
```

7.5.17 Party (Charges) <Pty>, [0..1] or an Agent (RelatedAgents) <...Agt>, [0..1]

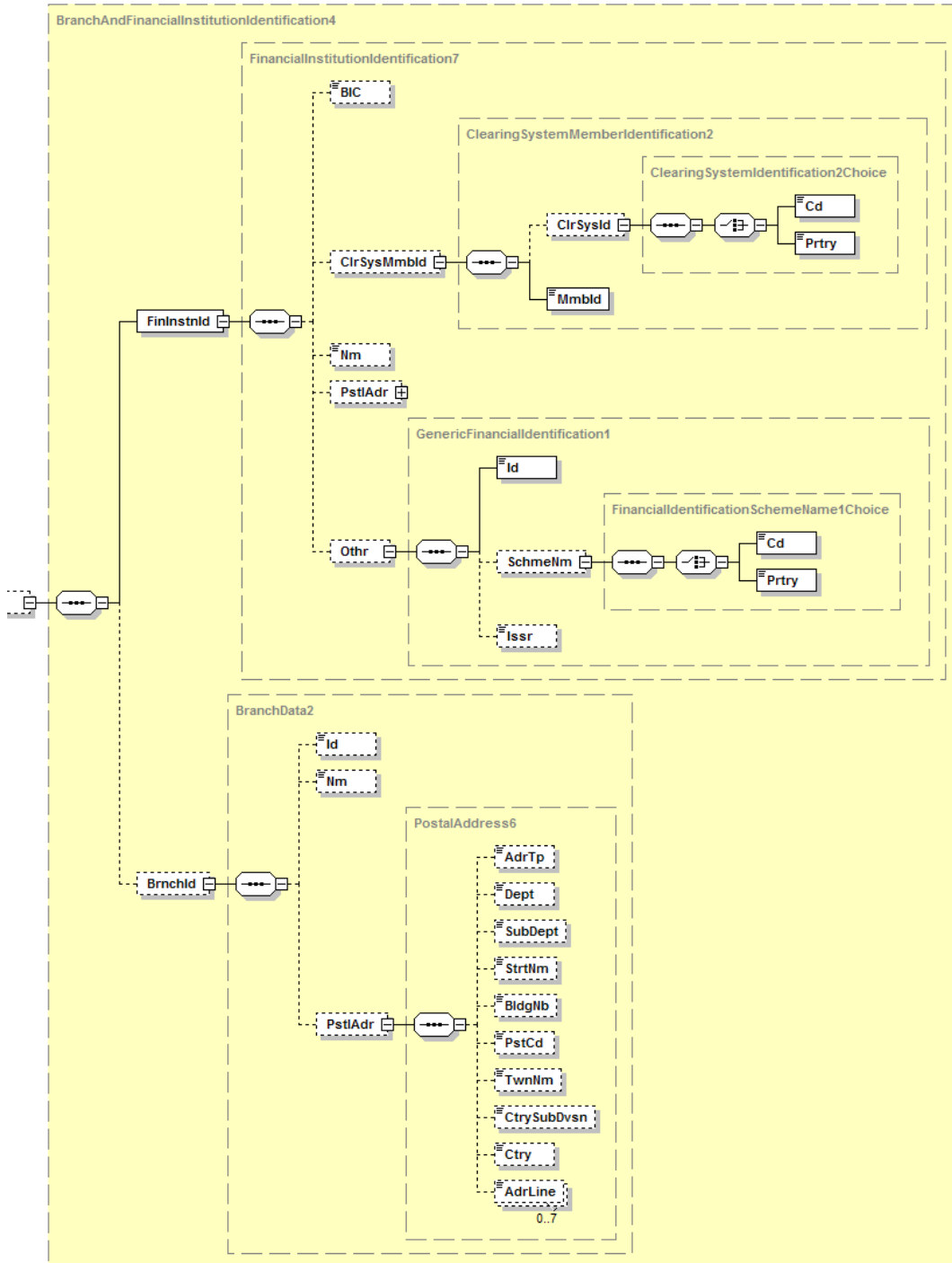


Diagram 58: camt.053.001.02, party or agent elements

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Definition

Detailed information about the financial institution servicing an account.

This structure is used for more than one element, e.g. for 'InitiatingParty in TransactionDetails'. Only the element 'Servicer' (see 7.5.10) is an exception having its own DK Rules (see 7.5.8).

Rules

+	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
1	Financial-Institution-Identification	<FinInstnId>	[1..1]	Unique and unambiguous identifier of a financial institution, as assigned under an internationally recognised or proprietary identification scheme.	Financial-Institution-Identification7	
2	BIC	<BIC>	[0..1]	Business Identifier Code (ISO 9362)	BICIdentifier	A value should be allocated if possible. If not present, at least one of the two details to be allocated is necessary: Bank's name or German bank code (BLZ)
2	Clearing-SystemMember-Identification	<ClrSys-Mmbld>	[0..1]	Unique and unambiguous identifier of a clearing system member, as assigned by the system or system administrator.	ClearingSystemIdentification2Choice	
3	ClearingSystemIdentification	<ClrSysId>	[0..1]	Specification of a pre-agreed offering between clearing agents.	ClearingSystemIdentification2Choice	
4	Code	<Cd>	[1..1]	In a coded form.	External-ClearingSystemIdentification1Code	If in case of a missing BIC a German bank code (BLZ) is used then "DEBLZ" has to be allocated to this element.
4	Proprietary	<Prtry>	[1..1]	Identification code for a clearing system, that has not yet been identified in the list of clearing systems.	Max35Text	If in case of a missing BIC a German bank code (BLZ) is used, it is to be allocated to this element.
3	Member-Identification	<Mmbld>	[1..1]	Identification of a member of a clearing system.	Max35Text	

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+	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
2	Name	<Nm>	[0..1]	Identifies the name of a financial institution.	Max140Text	
2	PostalAddress	<PstlAdr>	[0..1]	Adresse des Instituts	PostalAddress6	
3	AddressType	<AdrTp>	[0..1]	Specifies the postal address type.	see Address-Type2Code in 7.5.6	
3	Department	<Dept>	[0..1]	Division of a large organisation or building	Max70Text	
3	Subdepartment	<SubDept>	[0..1]	Sub-division of a large organisation or building	Max70Text	
3	StreetName	<StrtNm>	[0..1]	Name of a street or thoroughfare.	Max70Text	
3	BuildingNumber	<BldgNb>	[0..1]	Number that identifies the position of a building in a street.	Max16Text	
3	PostCode	<PstCd>	[0..1]	Identifier that is added to a postal address to assist the sorting of mail.	Max16Text	
3	TownName	<TwnNm>	[0..1]	Identifier for a built-up area with defined boundaries and a local government.	Max35Text	
3	CountrySub-Division	<CtrySub-Dvsn>	[0..1]	Specifies a subdivision of a country, e.g. state, region, county.	Max35Text	
3	Country	<Ctry>	[0..1]	Code for a country with its own government (ISO 3166) e.g. DE for Germany.	CountryCode	
3	AddressLine	<AdrLine>	[0..7]	Line of address Should not be used together with details in the structured elements.	Max70Text	
2	Other-Identification	<Othr>	[0..1]	Unique identification of an agent, as assigned by an institution, using an identification scheme.	Generic-Financial-Identification1	
3	Identification	<Id>	[1..1]	Identifikationscode	Max35Text	
3	SchemeName	<Sch-meNm>	[0..1]	Name of the identification scheme.	Financial-Identification-SchemeName1Choice	
4	Code	<Cd>	[1..1]	Name of the identification scheme, in a coded form as published in an external list.	External-Financial-Institution-Identification1-Code	
4	Proprietary	<Prtry>	[1..1]	Name of the identification scheme, in a free text form.	Max35Text	
3	Issuer	<Issr>	[0..1]	Entity that assigns the identification.	Max35Text	
1	Branch-Identification	<BrnchId>	[0..1]	Information identifying a specific branch of a financial institution.	BranchData	

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+	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
2	Identification	<Id>	[0..1]	Unique and unambiguous identification of a branch of a financial institution.	Max35Text	
2	Name	<Nm>	[0..1]	Name by which a party is known and which is usually used to identify that party.	Max140Text	
2	PostalAddress	<PstlAdr>	[0..1]	Address of the institution.	PostalAddress6 (see page above)	
3	AddressType	<AdrTp>	[0..1]	Identifies the nature of the postal address.	see Address-Type2Code in 7.5.5	
3	Department	<Dept>	[0..1]	Division of a large organisation or building	Max70Text	
3	Subdepartment	<SubDept>	[0..1]	Sub-division of a large organisation or building	Max70Text	
3	StreetName	<StrtNm>	[0..1]	Name of a street or thoroughfare.	Max70Text	
3	BuildingNumber	<BldgNb>	[0..1]	Number that identifies the position of a building in a street.	Max16Text	
3	PostCode	<PstCd>	[0..1]	Identifier that is added to a postal address to assist the sorting of mail.	Max16Text	
3	TownName	<TwnNm>	[0..1]	Identifier for a built-up area with defined boundaries and a local government.	Max35Text	
3	CountrySub-Division	<CtrySub-Dvsn>	[0..1]	Specifies a subdivision of a country, e.g. state, region, county.	Max35Text	
3	Country	<Ctry>	[0..1]	Code for a country with its own government (ISO 3166) e.g. DE for Germany.	CountryCode	
3	AddressLine	<AdrLine>	[0..7]	Line of address Should not be used together with details in the structured elements.	Max70Text	

Example:

```

<FinInstnId>
  <BIC>ABCDDEFFXXX</BIC>
</FinInstnId>
<BrnchId>
  <Id>Optional branch identification </Id>
  <Nm>Optional branch name</Nm>
  <PstlAdr>
    <Ctry>DE</Ctry>
    <AdrLine>Optional address data</AdrLine>
  </PstlAdr>
</BrnchId>

```

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7.5.18 RelatedAgents <RltdAgt>, [0..1]

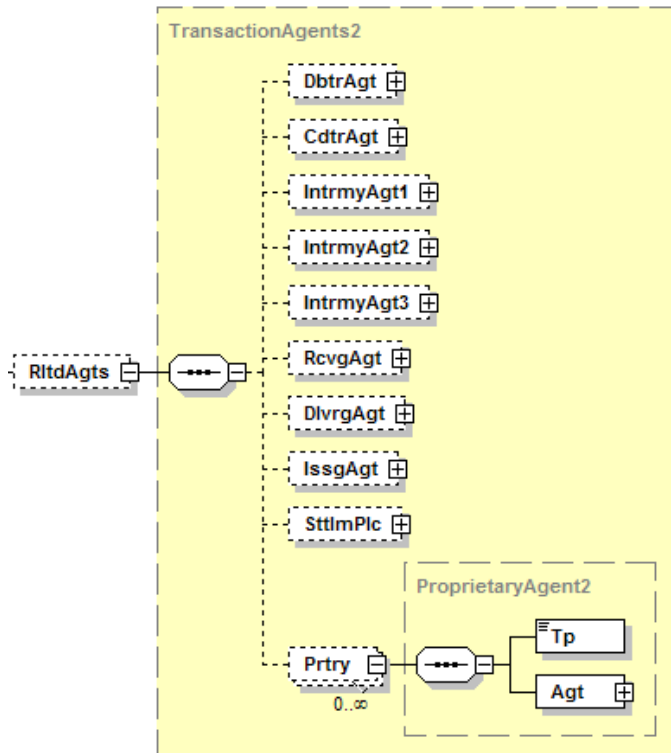


Diagram 59: camt.053.001.02, RltdAgt

Definition

Set of elements identifying the agents related to the underlying transaction.
In case of R-transactions the related agents retain their roles of the original transaction (details see chapter 7.5.15.4).

Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	DebtorAgent	<DbtrAgt>	[0..1]	Financial institution servicing an account for the debtor.	see 7.5.17	
6	CreditorAgent	<CdtrAgt>	[0..1]	Financial institution servicing an account for the creditor.	see 7.5.17	
6	Intermediary-Agent1	<Intrmy-Agt1>	[0..1]	1st agent between the debtor agent and creditor agent.	see 7.5.17	
6	Intermediary-Agent2	<Intrmy-Agt2>	[0..1]	2nd agent between the debtor agent and creditor agent.	see 7.5.17	

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	Intermediary-Agent3	<Intrmy-Agt3>	[0..1]	3rd agent between the debtor agent and creditor agent.	see 7.5.17	
6	ReceivingAgent	<RcvgAgt>	[0..1]	Party that receives securities from the delivering agent at the place of settlement, e.g. central securities depository.	see 7.5.17	Treatment by the DK has not been stipulated yet.
6	DeliveringAgent	<DlvrAgt>	[0..1]	Party that delivers securities to the receiving agent at the place of settlement, e.g. central securities depository. Can also be used in the context of treasury operations.	see 7.5.17	Treatment by the DK has not been stipulated yet.
6	IssuingAgent	<IssgAgt>	[0..1]	Legal entity that has the right to issue securities.	see 7.5.17	Treatment by the DK has not been stipulated yet.
6	SettlementPlace	<SttlmPlc>	[0..1]	Place where settlement of the securities takes place.	see 7.5.17	Treatment by the DK has not been stipulated yet.
6	Proprietary	<Prtry>	[0..n]	Proprietary agent related to the underlying transaction.	Proprietary-Agent2	
7	Type	<Tp>	[1..1]	Identifies the type of proprietary agent reported.	Max35Text	
7	Agent	<Agt>	[1..1]	Proprietary agent.	see 7.5.17	

Example: (limited to some significant parties)

```

<DbtrAgt>
  <FinInstnId>
    <NmAndAdr>
      <Nm>Bank of China</Nm>
      <PstlAdr>
        <StrtNm>Yin Cheng</StrtNm>
        <BldgNb>200</BldgNb>
        <TwnNm>Shanghai</TwnNm>
        <Ctry>CN</Ctry>
      </PstlAdr>
    </NmAndAdr>
  </FinInstnId>
</DbtrAgt>
<IntrmyAgt1>
  <FinInstnId>
    <BIC>GPMOUSNY</BIC>
  </FinInstnId>
</IntrmyAgt1>

```

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7.5.19 Purpose <Purp>, [0..1]

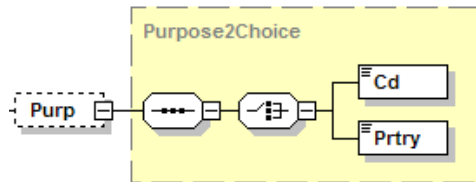


Diagram 60: camt.053.001.02, Purp

Definition

Underlying reason for the payment transaction, e.g. a charity payment, or a commercial agreement between the creditor and the debtor.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Code	<Cd>	[1..1]	A textual code.	External- Purpose1Code	
6	Proprietary	<Prtry>	[1..1]	User community specific purpose.	Max35Text	

Example (selection):

```
<Cd>CASH</Cd>
```

7.5.20 Remittance-Information <RmtInf>, [0..1]

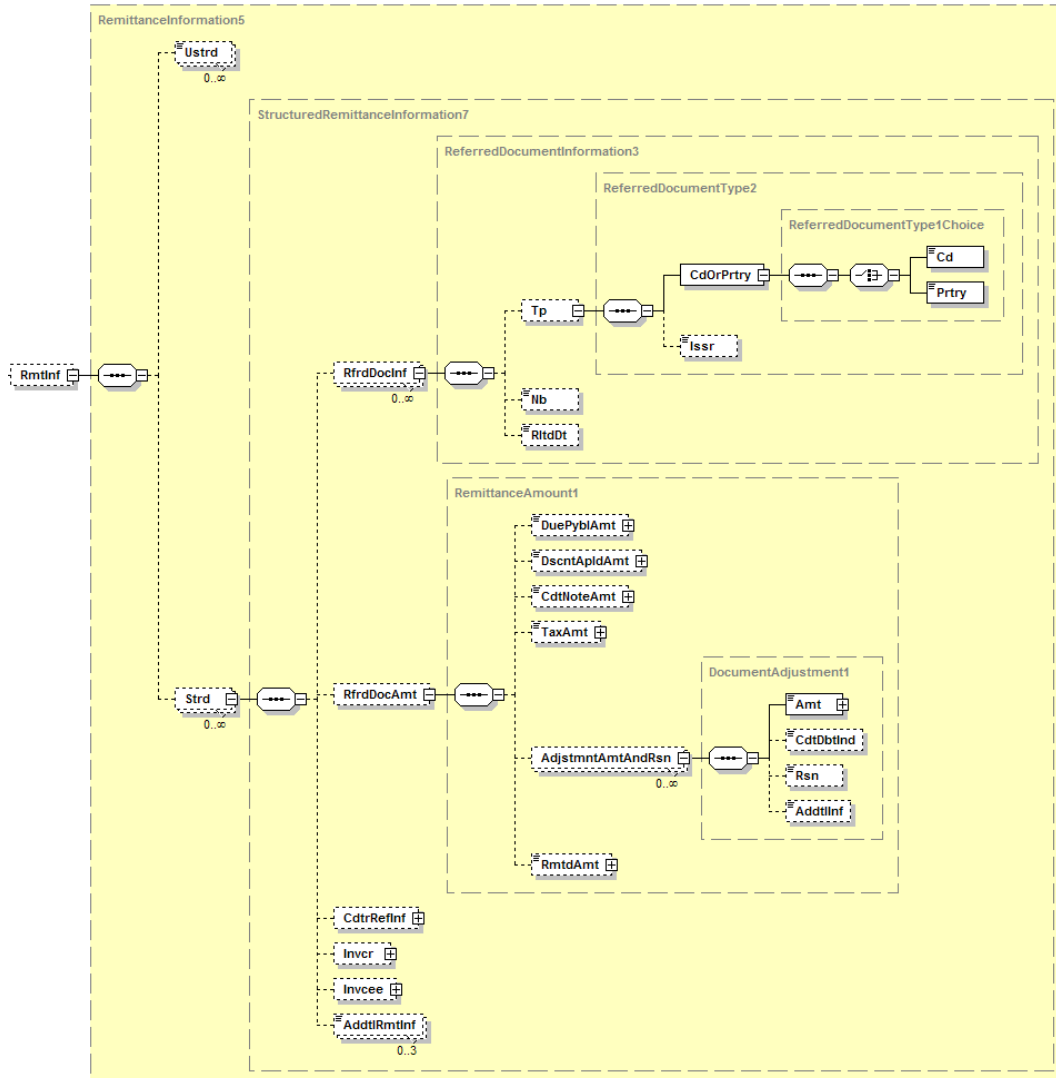


Diagram 61: camt.053.001.02, RmtInf

Definition

Information that enables the matching, i.e. reconciliation, of a payment with the items that the payment is intended to settle, e.g. commercial invoices in an account receivable system.

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Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	Unstructured	<Ustrd>	[0..n]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts receivable system in an unstructured form.	Max140Text	
6	Structured	<Strd>	[0..n]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts receivable system in a structured form.	Structured-Remittance-Information7	
7	Referred-Document-Information	<RfrdDoc-Inf>	[0..n]	Specifies the document the remittance information refers to.	Referred-DocumentInformation3	
8	Referred-DocumentType	<Tp>	[0..1]	Reference information to allow the identification of the underlying reference documents.	Referred-Document-Type2	
9	CodeOr-Proprietary	<CdOrPrtry>	[1..1]	Document type in a coded form.	Referred-Document-Type1Choice	
10	Code	<Cd>	[1..1]	Proprietary identification of the type of the remittance document.	See DocumentType5Code	
10	Proprietary	<Prtry>	[1..1]	Identification of the issuer of the reference document type.	Max35Text	
9	Issuer	<Issr>	[0..1]	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, e.g. commercial invoices in an accounts receivable system in an unstructured form.	Max35Text	
8	Referred-Document-Number	<Nb>	[0..1]	Unique and unambiguous identification number of the referred document.	Max35Text	
8	Referred-Document-RelatedDate	<RltdDt>	[0..1]	Date associated with the referred document, e.g. date of issue.	ISODate	
7	Referred-Document-Amount	<RfrdDoc-Amt>	[0..1]	Amount of money and currency of a document referred to in the remittance section.	Remittance-Amount1	

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	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
8	DuePayable-Amount	<DuePybl-Amt>	[0..1]	Amount specified is the exact amount due and payable to the creditor.	ActiveOrHistoricCurrencyAndAmount	
8	Discount-AppliedAmount	<DscntApld Amt>	[0..1]	Amount of money resulting from the application of an agreed discount to the amount due and payable to the creditor.	ActiveOrHistoricCurrencyAndAmount	
8	CreditNote-Amount	<CdtNote-Amt>	[0..1]	Amount specified for the referred document is the amount of a credit note.	ActiveOrHistoricCurrencyAndAmount	
8	TaxAmount	<TaxAmt>	[0..1]	Amount of money resulting from the calculation of the VAT / tax.	ActiveOrHistoricCurrencyAndAmount	
8	Adjustment-AmountAnd-Reason	<Adjstmnt-AmtAndRsn >	[0..n]	Set of elements used to provide information on the amount and reason of the document adjustment.	Document-Adjustment1	
9	Amount	<Amt>	[1..1]	Amount of money of the document adjustment.	ActiveOrHistoricCurrencyAndAmount	
9	CreditDebit-Indicator	<CdtDbtInd>	[0..1]	Specifies whether the adjustment must be subtracted or added to the total amount.	CreditDebit-Code	
9	Reason	<Rsn>	[0..1]	Specifies the reason for the adjustment	Max4Text	
9	Additional-Information	<AddtlInf>	[0..1]	Further details	Max140Text	
8	RemittedAmount	<RmtdAmt>	[0..1]	Amount of money remitted for the referred document.	ActiveOrHistoricCurrencyAndAmount	
7	Creditor-Reference-Information	<CdtrRef-Inf>	[0..1]	Reference information provided by the creditor to allow the identification of the underlying documents (debit entries).	Creditor-Reference-Information2	
8	Creditor-ReferenceType	<RefTp>	[0..1]	Provides the type of the creditor reference.	Creditor-Reference-Type2	
9	CodeOr-Proprietary	<CdOrPrtry>	[1..1]	Coded or proprietary format creditor reference type	Creditor-Reference-Type1Choice	
10	Code	<Cd>	[1..1]	Coded creditor reference type.	see the following Document-Type3Code	
10	Proprietary	<Prtry>	[1..1]	Creditor reference type not available in a coded format.	Max35Text	
9	Issuer	<Issr>	[0..1]	Identification of the issuer of the credit reference type.	Max35Text	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
8	Reference	<Ref>	[0..1]	Unique and unambiguous reference assigned by the creditor to refer to the payment transaction.	Max35Text	Allocation options for this field see SEPA credit transfers in chapter 2.2.1.10
7	Invoicer	<Invcr>	[0..1]	Identification of the organisation issuing the invoice if different from the creditor or final party.	see <Owner> in 7.5.8	
7	Invoicee	<Invcee>	[0..1]	Identification of the party to whom an invoice is issued if different from the originator or debtor.	see <Owner> in 7.5.8	
7	Additional-Remittance-Information	<AddtlRmt-Inf>	[0..3]	Additional information, in free text form, to complement the structured remittance information.	Max140Text	

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Values of the type: DocumentType5Code

AROI	AccountReceivable-OpenItem	Document is a payment that applies to a specific source document.
BOLD	BillOfLading	Document is a shipping notice.
CINV	CommercialInvoice	Document is an invoice.
CMCN	CommercialContract	Document is an agreement between the parties, stipulating the terms and conditions of the delivery of goods or services.
CNFA	CreditNoteRelatedToFinancialAdjustment	Document is a credit note for the final amount settled for a commercial transaction.
CREN	CreditNote	Document is a credit note.
DEBN	DebitNote	Document is a debit note.
DISP	DispatchAdvice	Document is a dispatch advice.
DNFA	DebitNoteRelatedToFinancialAdjustment	Document is a debit note for the final amount settled for a commercial transaction.
HIRI	HireInvoice	Document is an invoice for the hiring of human resources or renting goods or equipment.
MSIN	MeteredServiceInvoice	Document is an invoice claiming payment for the supply of metered services, e.g. gas or electricity, supplied to a fixed meter.
SBIN	SelfBilledInvoice	Document is an invoice issued by the debtor.
SOAC	StatementOfAccount	Document is a statement of the transactions posted to the debtor's account at the supplier.
TSUT	TradeServicesUtility-Transaction	Document is a transaction identifier as assigned by the Trade Services Utility.
VCHR	Voucher	Document is an electronic payment document.

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Values of the type: DocumentType3Code

DISP	DispatchAdvice	Document is a dispatch advice.
FXDR	ForeignExchangeDealReference	Document is a pre-agreed or pre-arranged foreign exchange transaction to which the payment transaction refers.
PUOR	PurchaseOrder	Document is a purchase order.
RADM	RemittanceAdviceMessage	Document is a remittance advice sent separately from the current transaction.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, e.g. in a cover scenario.
SCOR	StructuredCommunicationReference	Document is a structured communication reference provided by the creditor to identify the referred transaction.

Example (most simple):

<code><Ustrd>this is an unstructured text information</Ustrd></code>
--

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7.5.21 RelatedDates <RltdDts>, [0..1]

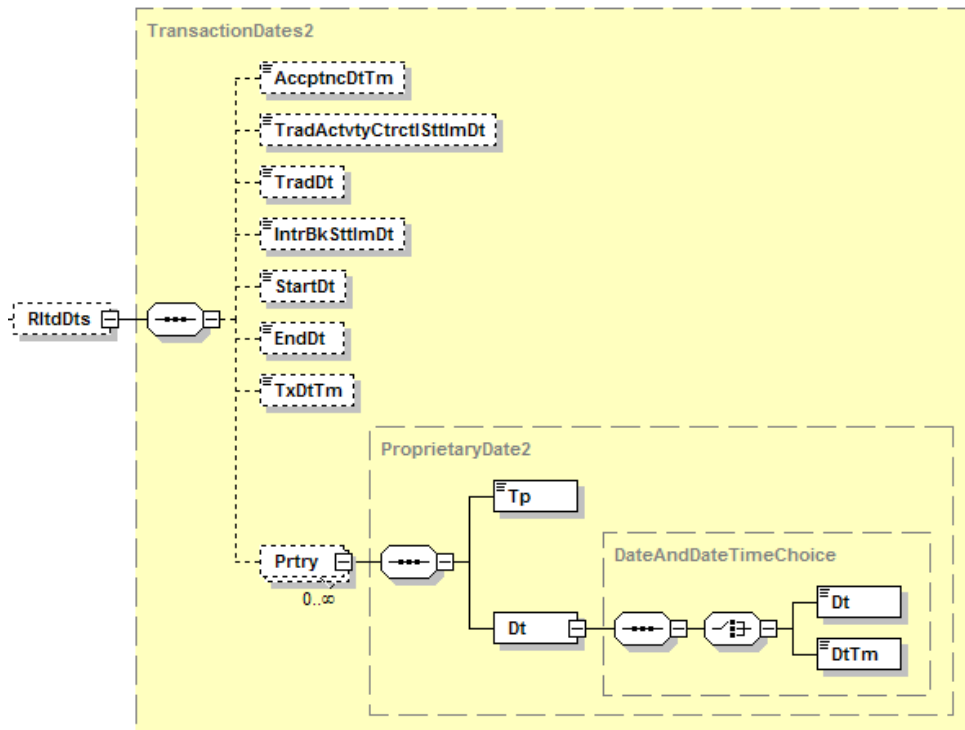


Diagram 62: camt.053.001.02, RltdDts

Definition

Set of elements identifying the dates related to the underlying transactions.

Rules (see also note in 7.3.2)

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Acceptance- DateTime	<Acptnc- DtTm>	[0..1]	Point in time when the payment order from the initiating party meets the processing conditions of the account servicing agent (debtor's agent in case of a credit transfer, creditor's agent in case of a direct debit).	ISODateTime	

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6	TradeActivity-Contractual-SettlementDate	<TradActvty-Actvty-CtrctlSt-tlmDt>	[0..1]	Identifies when an amount of money should have contractually been credited or debited the account versus when the amount of money was actually settled (debited/credited) on the cash account.	ISODate	
6	TradeDate	<TradDt>	[0..1]	Date on which the trade was executed.	ISODate	
6	Interbank-SettlementDate	<IntrBkSt-tlmDt>	[0..1]	Date on which the amount of money ceases to be available to the agent that owes it and when the amount of money becomes available to the agent to which it is due (due date).	ISODate	
6	StartDate	<StartDt>	[0..1]	Start date of the underlying transaction.	ISODate	
6	EndDate	<EndDt>	[0..1]	End date of the underlying transaction.	ISODate	
6	Transaction-DateTime	<TxDtTm>	[0..1]	Date and time of the underlying transaction.	ISODateTime	In case of card transactions, the corresponding date from the card container's identically named element has to be allocated
6	Proprietary	<Prtry>	[0..n]	Proprietary date related to the underlying transaction.	Proprietary-Date2	
7	Type	<Tp>	[1..1]	Identifies the type of date reported.	Max35Text	
7	Date	<Dt>	[1..1]	Datum or Datum and Zeit	DateAndDate-TimeChoice	
8	Date	<Dt>	[1..1]	Date in ISO format.	ISODate	
8	DateTime	<DtTm>	[1..1]	Date and time in ISO format.	ISODateTime	

Example (limited to one element):

<AcceptncD-tTm>2008-09-24T12:54:47.0+01:00</AcceptncDtTm> ...
--

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7.5.22 RelatedPrice <RltdPric>, [0..1]

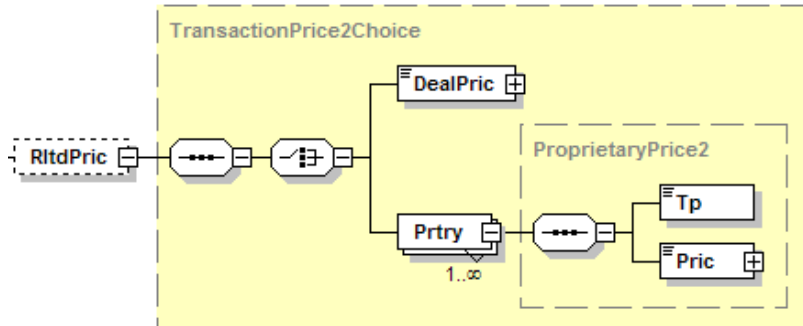


Diagram 63: camt.053.001.02, RltdPric

Definition

Set of elements identifying the price information related to the underlying transaction.

Rules (see also note in 7.3.2)

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	DealPrice	<DealPric>	[1..1]	This is the deal price of the individual trade transaction.	ActiveOrHistoricCurrencyAndAmount	
6	Proprietary	<Prtry>	[1..n]	Proprietary price specification of the underlying transaction.	Proprietary-Price2	
7	Type	<Tp>	[1..1]	Identifies the type of price reported.	Max35Text	
7	Price	<Pric>	[1..1]	Proprietary price specification related to the underlying transaction.	ActiveOrHistoricCurrencyAndAmount	

Example (selection):

```
<DealPric Ccy="EUR">100</DealPric>
```

7.5.23 RelatedQuantities <RltdQties>, [0..n]

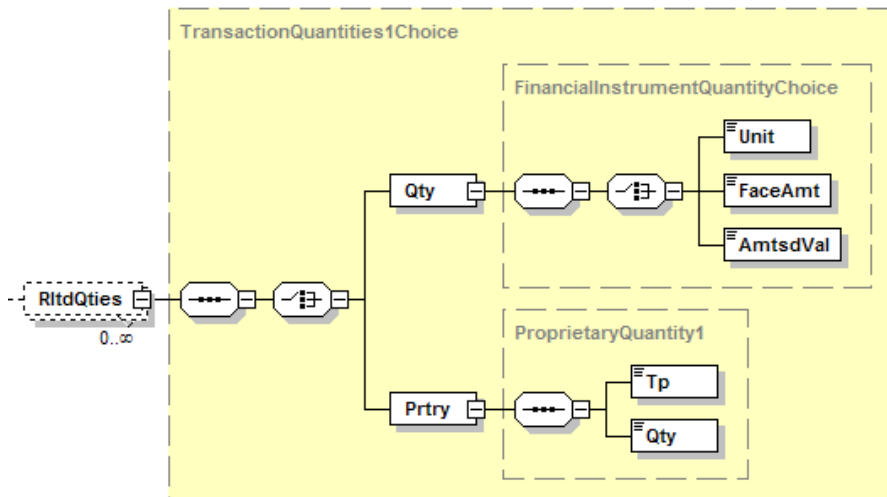


Diagram 64: camt.053.001.02, RltdQties

Definition

Identifies related quantities (e.g. of securities) in the underlying transaction.

Rules (see also note in 7.3.2)

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	Quantity	<Qty>	[1..1]	Specifies the quantity and unit.	Financial-Instrument-QuantityChoice	
7	Unit	<Unit>	[1..1]	UNIT (ISO 15022)	DecimalNumber	
7	FaceAmount	<FaceAmt>	[1..1]	Quantity expressed as an amount representing the face amount.	Implied-CurrencyAnd-Amount	
7	AmortisedValue	<AmtsdVal>	[1..1]	Quantity expressed as an amount representing the current amortised face amount of a bond (e.g. repayment amount).	Implied-CurrencyAnd-Amount	
6	Proprietary	<Prtry>	[1..1]	Proprietary quantities specification defined in the underlying transaction.	Proprietary-Quantity1	
7	Type	<Tp>	[1..1]	Identifies the type of proprietary quantity reported.	Max35Text	
7	Quantity	<Qty>	[1..1]	Provides the proprietary quantity in free format.	Max35Text	

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Example (selection):

```
<Qty>
<Unit>1.12345678912345678</Unit>
</Qty>
```

7.5.24 FinancialInstrumentIdentification <FinInstrmId>, [0..1]

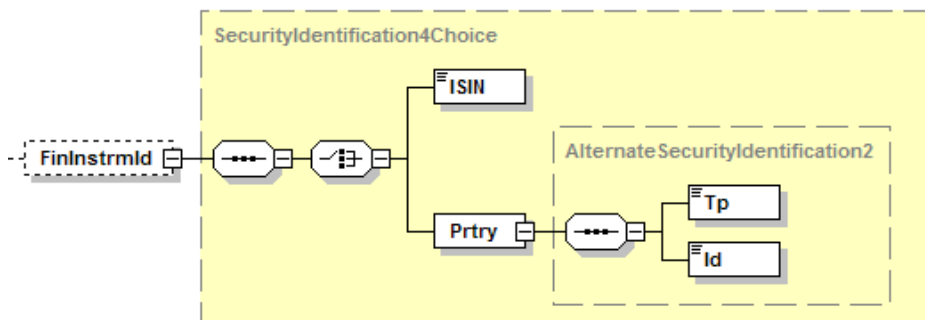


Diagram 65: camt.053.001.02, FinInstrmId

Definition

Identification of a security, as assigned under a formal or proprietary identification scheme.

Rules (see also note in 7.3.2)

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	ISIN	<ISIN>	[1..1]	International Securities Identification Number	ISINIdentifier	
6	Proprietary	<Prtry>	[1..1]	Proprietary identification of an underlying financial instrument.	Alternate-Security-Identification2	
7	Type	<Tp>	[1..1]	Identifies the type of financial instrument identifier type.	Max35Text	
7	Identification	<Id>	[1..1]	Unique and unambiguous identifier of a security.	Max35Text	

Example (selection):

```
<ISIN>DE0001234565</ISIN>
```

7.5.25 Tax <Tax>, [0..1]

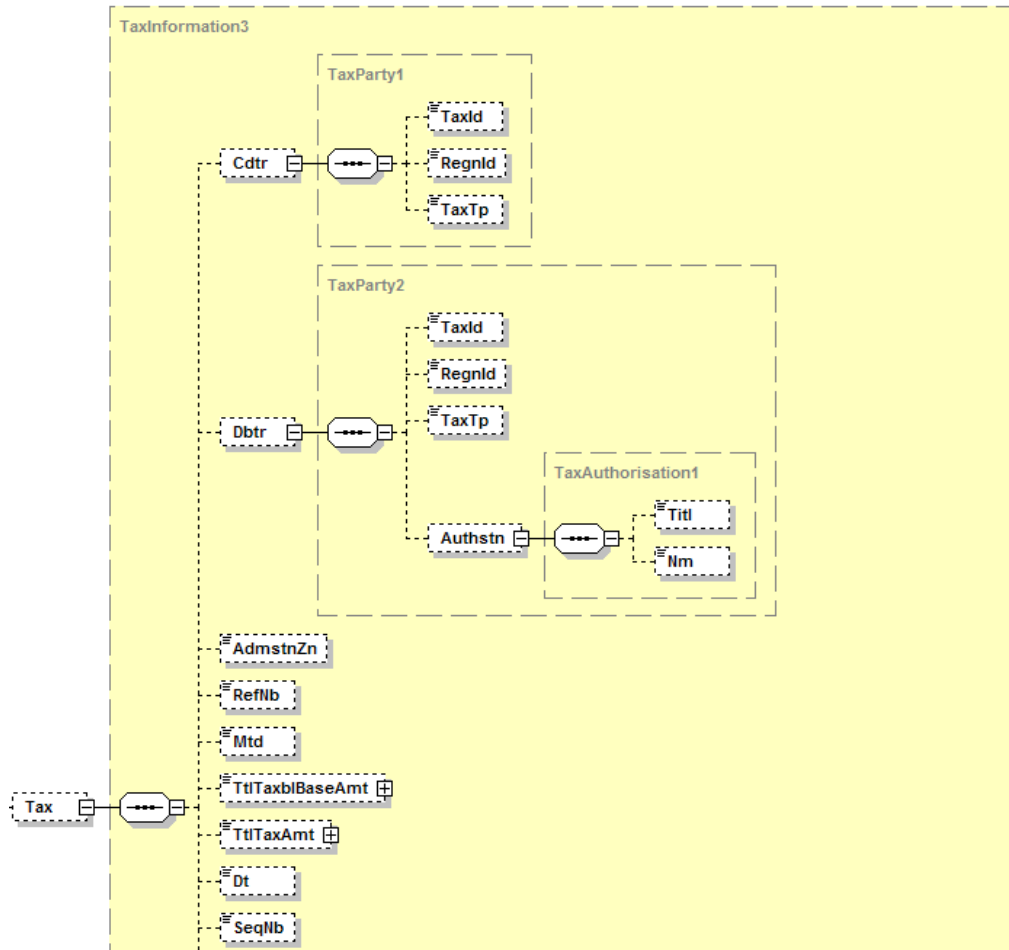


Diagram 66 part 1: camt.053.001.02, Tax

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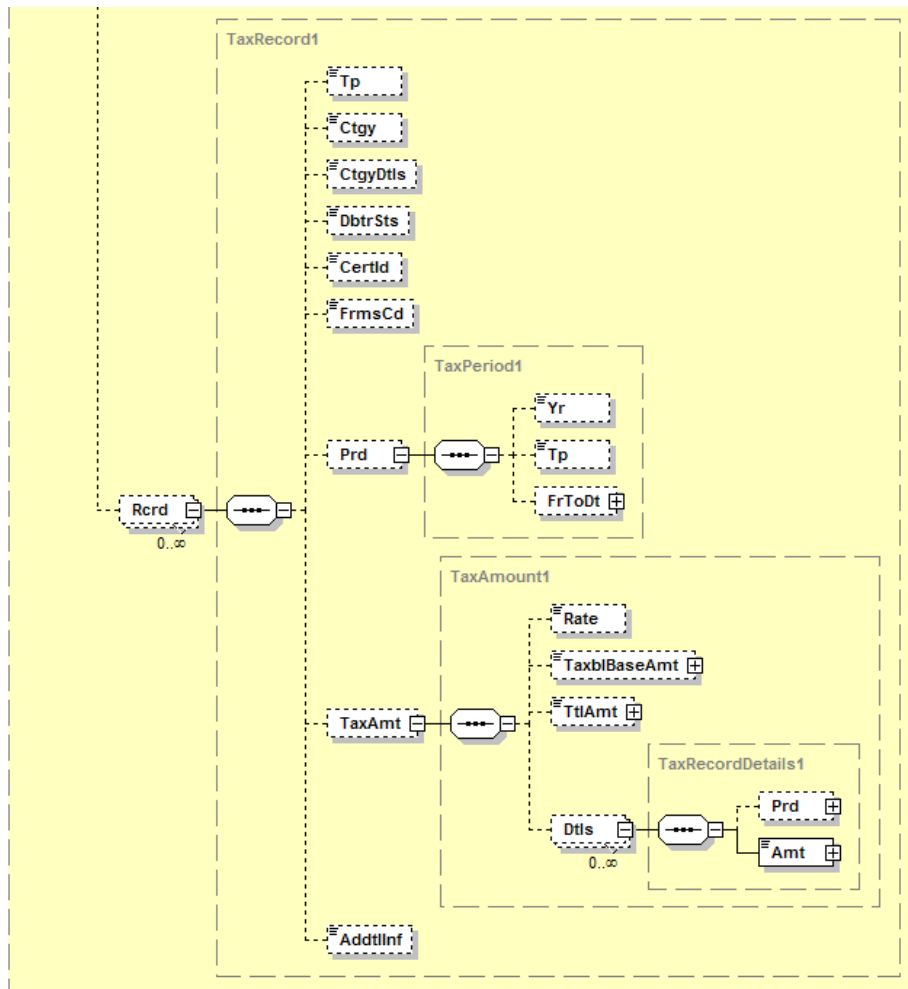


Diagram 66 part 2: camt.053.001.02, Tax

Definition

Amount of money due to the government or tax authority, according to various pre-defined parameters such as thresholds or income.

Rules

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Creditor	<Cdtr>	[0..1]	Party on the credit side of the transaction to which the tax applies.	TaxParty1	
7	TaxIdentification	<TaxId>	[0..1]	Tax identification number of the creditor.	Max35Text	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
7	Registration- Identification	<RegnId>	[0..1]	Unique identification, as assigned by an organisation, to unambiguously identify a party.	Max35Text	
7	TaxType	<TaxTp>	[0..1]	Type of tax payer.	Max35Text	
6	Debtor	<Dbtr>	[0..1]	Set of elements used to identify the party on the debit side of the transaction to which the tax applies.	TaxParty2	
7	TaxIdentification	<TaxId>	[0..1]	Tax identification number of the debtor.	Max35Text	
7	Registration- Identification	<RegnId>	[0..1]	Unique identification, as assigned by an organisation, to unambiguously identify a party.	Max35Text	
7	TaxType	<TaxTp>	[0..1]	Type of tax payer.	Max35Text	
7	Authorisation	<Authstn>	[0..1]	Details of the authorised tax paying party.	Tax- Authorisation1	
8	Title	<Titl>	[0..1]	Title or position of debtor or the debtor's authorised representative.	Max35Text	
8	Name	<Nm>	[0..1]	Name of the debtor or the debtor's authorised representative.	Max140Text	
6	Administration- Zone	<Admst- nZn>	[0..1]	Territorial part of a country to which the tax payment is related.	Max35Text	
6	Reference- Number	<RefNb>	[0..1]	Tax reference information that is specific to a taxing agency.	Max140Text	
6	Method	<Mtd>	[0..1]	Method used to indicate the underlying business or how the tax is paid.	Max35Text	
6	TotalTaxableBas- eAmount	<TtITax- blBaseAmt>	[0..1]	Total amount of money on which the tax is based.	ActiveOrHisto- ricCur- rencyAnd- Amount	
6	TotalTaxAmount	<TtITa- xAmt>	[0..1]	Total amount of money as result of the calculation of the tax.	ActiveOrHisto- ricCur- rencyAnd- Amount	
6	Date	<Dt>	[0..1]	Date by which tax is due.	ISODate	
6	SequenceNumber	<SeqNb>	[0..1]	Sequential number of the tax report.	Number	
6	Record	<Rcrd>	[0..n]	Record of tax details.	TaxRecord1	
7	Type	<Tp>	[0..1]	High level code to identify the type of tax details	Max35Text	
7	Category	<Ctgy>	[0..1]	Specifies the tax code as published by the tax authority.	Max35Text	
7	CategoryDetails	<CtgyDtls>	[0..1]	Provides further details of the category tax code.	Max35Text	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
7	DebtorStatus	<DbtrSts>	[0..1]	Code provided by local authority to identify the status of the party that has drawn up the settlement document.	Max35Text	
7	Certificate- Identification	<CertId>	[0..1]	Identification number of the tax report as assigned by the taxing authority.	Max35Text	
7	FormsCode	<FrmsCd>	[0..1]	Identifies, in a coded form, on which template the tax report is to be provided.	Max35Text	
7	Period	<Prd>	[0..1]	Set of elements used to provide details on the period of time related to the tax payment.	TaxPeriod1	
8	Year	<Yr>	[0..1]	Year related to the tax payment.	ISODate	
8	Type	<Tp>	[0..1]	Identification of the period related to the tax payment.	TaxRecord- Period1Code	
8	FromDate	<FrToDt>	[0..1]	Range of time between a start date and an end date for which the tax report is provided.	DatePeriod- Details	
9	FromDate	<FrDt>	[1..1]	Start	ISODate	
9	ToDate	<ToDt>	[1..1]	End	ISODate	
7	TaxAmount	<TaxAmt>	[0..1]	Set of elements used to provide information on the amount of the tax record.	TaxAmount1	
8	Rate	<Rate>	[0..1]	Rate used to calculate the tax.	Percentage- Rate	
8	TaxableBase- Amount	<Tax- blBaseAmt>	[0..1]	Amount of money on which the tax is based.	ActiveOrHisto- ricCur- rencyAnd- Amount	
8	TotalAmount	<TtlAmt>	[0..1]	Total amount that is the result of the calculation of the tax for the record.	ActiveOrHisto- ricCur- rencyAnd- Amount	
8	Details	<DtIs>	[0..n]	Set of elements used to provide details on the tax period and amount.	TaxRecord- Details1	
9	Period	<Prd>	[0..1]	Set of elements used to provide details on the period of time related to the tax payment.	s. o. Period	
9	Amount	<Amt>	[0..1]	Underlying tax amount related to the specified period.	ActiveOrHisto- ricCurrency- And-Amount	
7	Additional- Information	<AddtlInf>	[0..1]	Further details of the tax record.	Max140Text	

7.5.26 ReturnInformation <RtrInf>, [0..1]

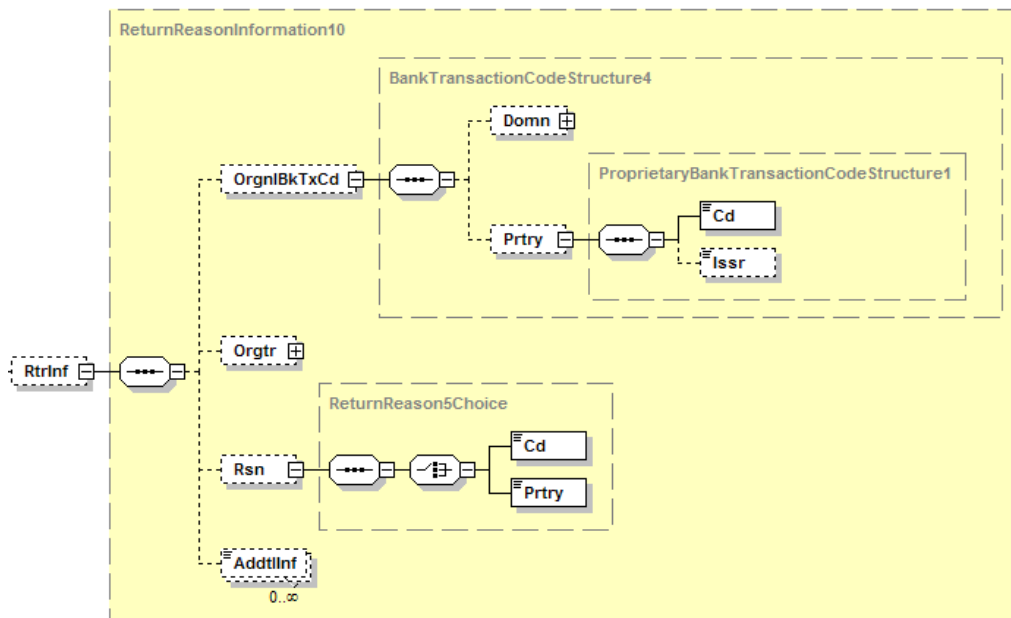


Diagram 67: camt.053.001.02, RtrInf

Definition

Set of elements specifying the return information.

Rules

	Name	XML Tag	Multiplicity	Definition	Type	DK Rule
6	Original-BankTransaction-Code	<OrgnBkTxCd>	[0..1]	Bank transaction code included in the original entry for the transaction.	Bank-Transaction-CodeStructure4	
7	Domain	<Domn>	[0..1]	Domain	Bank-Transaction-CodeStructure5	Not used.
7	Proprietary	<Prtry>	[0..1]	Proprietary identification of the bank transaction code, as defined by the issuer.	Proprietary-Bank-Transaction-CodeStructure1	
8	Code	<Cd>	[1..1]	Code for the identification of the transaction	Max35Text	
8	Issuer	<Issr>	[0..1]	Identification of the issuer of the proprietary bank transaction code.	Max35Text	
6	ReturnOriginator	<Orgtr>	[0..1]	Party issuing the return.	see <Owner> in 7.5.8 and <Id> in 7.5.9	
6	ReturnReason	<Rsn>	[0..1]	Specifies the reason for the return.	Return-Reason5Choice	

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	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
7	Code	<Cd>	[1..1]	Reason for the return in a coded form.	ExternalReturn-Reason1Code	Only codes of the external ISO 20022 code list are permitted. In case of SEPA returns, if code is specified in above mentioned list.
7	Proprietary	<Prtry>	[1..1]	Reason for the return not catered for by the available codes.	Max35Text	In case of DTA return the text key supplement is to be allocated In case of SEPA payments, the return codes DUPL, TECH, FRAD, AGNT, CUTA, UPAY which are not contained in the above mentioned external code list can be specified here.
6	Additional-ReturnReason-Information	<AddtlInf>	[0..n]	Further details on the return reason.	Max105Text	This field is not a mandatory field. If used, however, it is to be allocated according to the allocation rule below this table..

Example (limited to some elements):

The field <AddtlInf> is NOT mandatory. If used, however, it is to be allocated with one of the following constants:

1. In case of a return BEFORE settlement (i.e. from pacs.002): REJECT
2. In case of a return AFTER settlement (i.e. from pacs.004): RETURN/REFUND *)

*) Alternatively, the umbrella term „ RUECKLASTSCHRIFT “ can be applied.

In addition to this optional constant, it is permitted, but not mandatory, to state the cause for the return for the mere reason of information (representation see example 2).

1. Example only with R-transaction constant:

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```
<RtrInf><Rsn><Cd>AC04</Cd></Rsn>
<AddtlInf>REJECT</AddtlInf></RtrInf>
```

Example with optional supplementary plain text (both English and German plain text is permitted):

```
<RtrInf><Rsn><Cd>AC04</Cd></Rsn>
<AddtlInf>REJECT Account liquidated</AddtlInf></RtrInf>
```

```
<OrgnlBkTxCd>
  <Prtry>
    <Cd>NTRF+116</Cd>
    <Issr>DK</Issr>
  </Prtry>
</OrgnlBkTxCd>
<Orgtr>
  <Id>
    <OrgId>
      < BICorBEI >BANKDEFF</ BICorBEI >
    </OrgId>
  </Id>
</Orgtr>
<Rsn>
  <Cd>AC04</Cd>
</Rsn>
<AddtlInf>REJECT Account liquidated</AddtlInf>
```

7.5.27 CorporateAction <CorpActn>, [0..1]

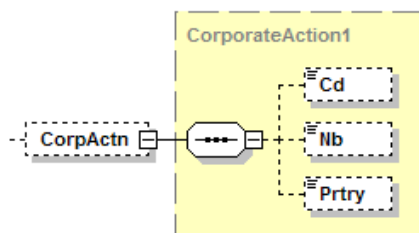


Diagram 68: camt.053.001.02, CorpActn

Definition

Set of elements identifying the underlying corporate action.

Rules (see also the hint in 7.3.2)

	Name	XML Tag	Multi- plicity	Definition	Type	DK Rule
6	Code	<Cd>	[0..1]	Specifies the code of corporate action event, in free-text format.	Max35Text	
6	Number	<Nb>	[0..1]	Reference assigned by the account servicer to unambiguously identify a corporate action event.	Max35Text	
6	Proprietary	<Prtry>	[0..1]	Proprietary corporate action event information.	Max35Text	

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Example (limited to some items):

```
<Nb>0123456789</Nb>  
<Prtry>Proprietary text information</Prtry>
```

7.6 Bank to Customer Account Report (camt.052)

This message is transmitted by order type C52.

7.6.1 Abstract of the message structure

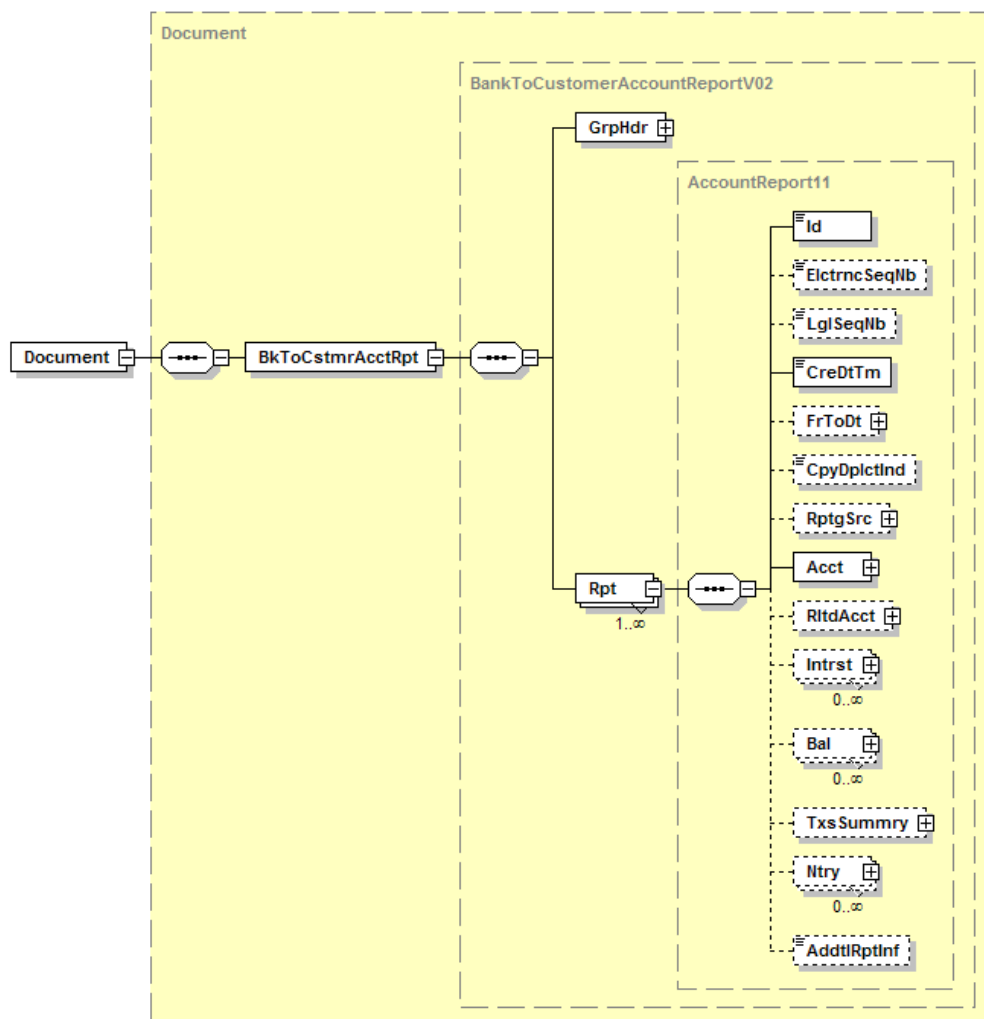


Diagram 69: Overview camt.052.001.02

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7.6.2 Document <document>, [1..1]

Definition

UNIFI (ISO 20022) XML message: Top level element for message camt.052.001.02.

Deviation from the description of 7.5.2:

Name and data type of the contained element (see 7.6.3). The content structure of the differing data type is identical except for the following description.

7.6.3 Bank-to-Customer Account Report message <BkToCstmrAcctRpt>, [1..1]

Definition

Message for balance report or transactions during the day, respectively.

Deviation from the description of 7.3.2:

Name and data type of the contained element "Report" instead of "Statement" (see 7.6.4). The content structure of the deviant data type is identical except for the following description. Especially, the multiplicity remains 1 according to DK Rule.

7.6.4 Group Header <GrpHdr>, [1..1]

Definition

Set of elements that applies to the entire message.

Deviation from the description of 7.5.4:

	Name	XML Tag	Multiplicity	Definition	Typ	Deviation
2	Additional-Information	<AddtlInf>	[0..1]	Further details on the message.	Max500Text	For reasons of further information, details e.g. on a particular use case of the camt message can be stated here.

7.6.5 Report <Rpt>, [1.. n]

Definition

Information about entries reported to the account during the day, and/or to provide the owner with balance information on the account at a given point in time.

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Deviation from the description of 7.5.7:

	Name	XML Tag	Multiplicity	Definition	Type	Deviation
2	Electronic-Sequence-Number	<Elctrc-SeqNb>	[0..1]	Sequential number of the report, assigned by the account servicer. It is increased incrementally for each report sent electronically.	Number	Multiplicity of DK: This element is optional (corresponding to ISO)
2	Balance	<Bal>	[0..n]	Set of elements defining the balance(s).	CashBalance3	Multiplicity is optional which is corresponding to ISO The number of balances depends on the use case of the camt.052 message (see beginning of chapter 7): In case of balance reports, one balance is specified; specification of two balances is only permitted (but optional) with information on transactions during the day (interim transaction report)
2	Entry	<Ntry>	[0..n]	Specifies the elements of an entry in the report.	ReportEntry2	Data type, see 7.6.6
2	Additional-ReportInformation	<AddtlRptInf>	[0..1]	Further details on the report entries during the day, and/or on the balance information on the account.	Max500Text	Element name

The content structure for each deviating data type is identical except for the following description.

7.6.6 Entry <Ntry>, [0.. unbounded]

Deviation from the description of 7.5.13:

The name of the data type and the corresponding code values are different.

	Name	XML Tag	Multiplicity	Definition	Type	Deviation
3	Status	<Sts>	[1..1]	Status of an entry on the books of the account servicer.	see EntryStatus2Code in 7.5.13	All codes of the type may be used

7.7 Bank to Customer Debit Credit Notification (camt.054)

This message is transmitted by order type C54.

7.7.1 Abstract of the message structure

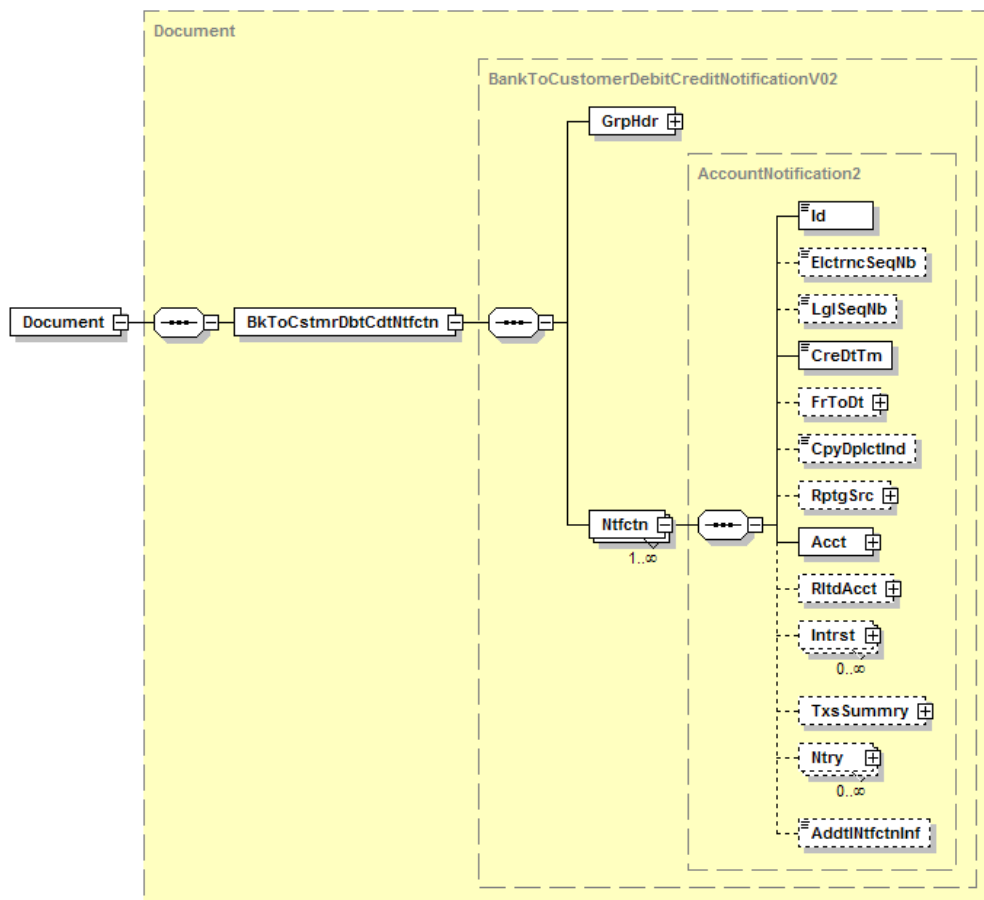


Diagram 70: Overview camt.054.001.02

7.7.2 Document <document>, [1..1]

Definition

UNIFI (ISO 20022) XML message: Top level element for message camt.054.001.02.

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Deviation from the description of 7.5.2:

Name and data type of the contained element (see 7.6.3). The content structure of the deviant data type is identical except for the following description. Especially, the multiplicity remains 1 according to DK Rule.

7.7.3 BankToCustomer-DebitCreditNotificationV01 < BkToCstmrDbtCdtNtfctnV01>, [1..1]

Definition

Message for cash management and/or reconciliation, which can be used to:

- report pending and booked items;
- notify one or more debit entries;
- notify one or more credit entries

Deviation from the description of 7.3.2:

Name and data type of the contained element "Notification" instead of "Statement" (see 7.7.4). The content structure of the deviant data type is identical except for the following description.

7.7.4 Group Header <GrpHdr>, [1..1]

Definition

Set of elements that applies to the entire message.

Deviation from the description of 7.5.4:

	Name	XML Tag	Multiplicity	Definition	Typ	Deviation
2	Additional-Information	<AddtlInf>	[0..1]	Further details on the message.	Max500Text	For reasons of further information, details e.g. on a particular use case of the camt message can be stated here.

7.7.5 Notification <Ntfctn>, [1.. n]

Definition

Information on batched transactions, debit and credit advices of an account.

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Deviation from the description of 7.5.7:

	Name	XML Tag	Multiplicity	Definition	Type	Deviation
2	Electronic-Sequence-Number	<Elctrnc-SeqNb>	[0..1]	Sequential number of the report, assigned by the account servicer. It is increased incrementally for each report sent electronically.	Number	Occurrences according to DK: This element is optional (according to ISO)
2	Balance	<Bal>	[1..n]	Set of elements defining the balance(s).	CashBalance2	Not part of camt.054
2	Entry	<Ntry>	[0..n]	Specifies the elements of an entry in the report.	Notification-Entry1	Data type, see 7.7.6
2	Additional-Notification-Information	<AddtlNtfct-nInf>	[0..1]	Further details on the account notification.	Max500Text	Element name

The content structure for each deviating data type is identical except for the following description..

7.7.6 Entry <Ntry>, [0.. unbounded]

Deviation from the description of 7.5.13:

The name of data type and the corresponding code values are different.

	Name	XML Tag	Multiplicity	Definition	Type	Deviation
3	Status	<Sts>	[1..1]	Status of an entry on the books of the account servicer.	see EntryStatus2Code in 7.5.13	All codes of the type may be used

7.8 Interaction of camt.052 and camt.053 Messages with camt.054 Messages Regarding Batched Transactions

The message camt.054 is especially applied for providing information on batched transactions (itemisation of batched transactions). Batched transactions may, however, also be itemised by way of the TransactionDetails in a camt.052 or camt.053 message.

The various possibilities of representation for batched transactions as well as the interaction between the three camt.05x messages regarding batched transactions will be explained in this chapter.

According to the definition for batched transactions (or a batched transaction file), only items may be batched that comply to the following conditions:

- amounts with identical direction of posting
- logical compilation of business transactions (for a particular institution)

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- identical date of accounting entry
- identical value date

Information referring to a complete batch of transactions (and not to an individual transaction contained in it) is always specified on the Entry level. These are amount (Amount und CreditDebitIndicator), booking date (BookingDate), value date (ValueDate) and account servicer reference (AccountServicerReference)

The only exception to this rule is the specification of the business transaction code (GVC) in the data element BankTransactionCode. <BkTxCd><Prtry> is always assigned with SWIFT TX code + GVC + prima nota (optional) + text key supplement (where appropriate) on the TransactionDetails level. If a transaction batch is itemised in the TransactionDetails, the SWIFT TX code and the GVCs of the individual transactions will be listed here instead. If the batch is not itemised here, SWIFT TX code and GVC of the batched transactions will be specified in the first and only repeating sequence of the TransactionDetails.

Case A: Itemisation of a batched transaction file in a camt.052 or camt.053 message

In this case, the Amount on Entry level is to be regarded as the sum of the batched transactions. Every individual item is a TransactionDetail. The rules for the addition of the amounts are to be adhered according to chapter 7.5.13.1. Optionally, the data element NumberOfTransactions can be assigned with the number of single entries contained in the batched transaction file.

Case B: Itemisation of a batched transaction file by way of referencing to a camt.054 message

In this case, a camt.054 message will be referred to by way of the data element group AdditionalInformationIndicator that is to be assigned to on Entry level.

Example:

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

In the camt.052 and camt.053 messages, only the total amount is available on the Entry level. Further details on the individual items are to be found in the camt.054 message. This being an separate XML message in its own right, however, plausibility checks (especially with respect to the AMOUNTS and the number of transactions) are not feasible without certain restrictions.

For each Entry, only one camt.054 message can be referred to. On the other hand, exactly one camt.052 or camt.053 message can be referred to from a camt.054 message.

Case C: Itemisation of a batched transaction file by way of a file submitted by the customer

In this case, a file submitted by a customer (e.g. pain file) will be referred to by way of the data element group Batch that is to be assigned to on Entry level. The data element <PmtIn-

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fld> contains the reference to the batched transaction file assigned by the customer. Additionally, the message ID of the original message as well as the number of individual transactions in the batched transaction file can be specified.

Example 1: Reference to a pain.001 message

```
<Ntry>
...
<Btch>
  <MsgId> MessageId of the 'pain' message</MsgId>
  <PmtInfId> Id of the 'PmtInf' element group</PmtInfId>
</Btch>
...
</Ntry>
```

Example 2: Reference to a DTAUS file

```
<Ntry>
...
<Btch>
  <PmtInfId>DTAUS field A10</PmtInfId>
</Btch>
...
</Ntry>
```

If a batched transaction file is not itemised by one of the procedures explained above, the number of individual transactions in the batch can be specified in data element NumberOfTransactions – provided this piece of information is available at the time of the camt.052/53 message's creation.

Example:

```
<Ntry>
...
<Btch>
  <NbOfTxs>452</NbOfTxs>
</Btch>
...
</Ntry>
```

7.9 Principles on the Interaction of the Levels Entry and TransactionDetails in case of Single Entries

The following principles are to be considered when allocating values to the elements on the levels Entry and TransactionDetails for single entries (batched transaction file see 7.8):

- Amount (Amount und CreditDebitIndicator), booking date (BookingDate), value date (ValueDate), and account servicer reference (AccountServicerReference) are always issued on the Entry level.
- All other information is issued on the level TransactionDetails.

For each single entry, there is exactly one set of TransactionDetails. These contain always the SWIFT TX code and GVC amongst others in the BankTransactionCode.

7.10 Technical Example

The following camt.053 XML message represents significant technical examples. Every entry example contained in the message starts with two XML comments stating briefly the technical contents of the respective example.

Contents of the XML message:

7.10.1 Example 1 – SEPA payments

1. Entry: Credit due to an incoming SEPA credit transfer
2. Entry: Credit due to a returned SEPA credit transfer
3. Entry: Debit entry due to a SEPA direct debit

7.10.2 Example 2a – Batched transactions and their itemisation in the message

1. Entry: Debit entry due to returned SEPA direct debits (batched transactions) and itemisation within TransactionDetails

7.10.3 Example 2b – Batched transactions with reference to a pain message and separate camt.054.001.02 message

1. Entry: Debit entry due to a SEPA credit transfer (batched transactions) with reference to the original pain message
2. Entry: Debit entry due to returned SEPA direct debits (batched transactions) with reference to a separate camt.054.001.02-message

7.10.4 Example 3 – USD payment with credit entry on EUR account

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```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:camt.053.001.02"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:camt.053.001.02
camt.053.001.02.xsd">
  <BkToCstmrStmt>
    <GrpHdr>
      <MsgId>27632364572</MsgId>
      <CreDtTm>2008-09-01T19:30:47.0+01:00</CreDtTm>
      <MsgRcpt>
        <Id>
          <OrgId>
            <Othr>
              <Id>BCS45678</Id>
            </Othr>
          </OrgId>
        </Id>
      </MsgRcpt>
      <MsgPgntn>
        <PgNb>1</PgNb>
        <LastPgInd>true</LastPgInd>
      </MsgPgntn>
    </GrpHdr>
    <Stmt>
      <Id>2736482736482</Id>
      <ElctrncSeqNb>101</ElctrncSeqNb>
      <LglSeqNb>32</LglSeqNb>
      <CreDtTm>2008-09-01T17:30:47.0+01:00</CreDtTm>
      <Acct>
        <Id>
          <IBAN>DE87200500001234567890</IBAN>
        </Id>
        <Ccy>EUR</Ccy>
        <Ownr>
          <Nm>Name Account owner</Nm>
        </Ownr>
        <Svcr>
          <FinInstnId>
            <BIC>BANKDEFFXXX</BIC>
            <Othr>
              <Id>123456789</Id>
              <Issr>UmsStId</Issr>
            </Othr>
          </FinInstnId>
        </Svcr>
      </Acct>
      <Bal>
        <Tp>
          <CdOrPrtry>
            <Cd>PRCD</Cd>
          </CdOrPrtry>
        </Tp>
        <Amt Ccy="EUR">112.72</Amt>
        <CdtDbtInd>CRDT</CdtDbtInd>
        <Dt>
          <Dt>2008-09-01</Dt>
        </Dt>
      </Bal>
      <Bal>
        <Tp>
          <CdOrPrtry>
            <Cd>CLBD</Cd>
          </CdOrPrtry>
        </Tp>
        <Amt Ccy="EUR">158780.32</Amt>
        <CdtDbtInd>CRDT</CdtDbtInd>
        <Dt>
          <Dt>2008-09-01</Dt>
        </Dt>
      </Bal>
    </Stmt>
  </BkToCstmrStmt>
</Document>
```

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```
<!-- -->
<!-->
<Ntry>
  <Amt Ccy="EUR">100.00</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-01</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-01</Dt>
  </ValDt>
  <AcctSvcrRef>Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>166</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <TxDtls>
      <Refs>
        <EndToEndId>Identificatio of the initiating party</EndToEndId>
      </Refs>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+166</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
    </TxDtls>
  </NtryDtls>
  <RltdPties>
    <Dbtr>
      <Nm>Mr. Creditor</Nm>
    </Dbtr>
    <DbtrAcct>
      <Id>
        <IBAN>DE21500500001234567897</IBAN>
      </Id>
    </DbtrAcct>
    <UltmtDbtr>
      <Nm>Name of the Debtor Reference Party</Nm>
    </UltmtDbtr>
    <Cdtr>
      <Nm>Mr. Account Owner</Nm>
    </Cdtr>
    <UltmtCdtr>
      <Nm>Name of Creditor Reference Party</Nm>
    </UltmtCdtr>
  </RltdPties>
  <Purp>
    <Cd>GDDS</Cd>
  </Purp>
  <RmtInf>
    <Ustrd>Invoice number 4711 date 20.08.2008</Ustrd>
  </RmtInf>
  </TxDtls>
</Ntry>
<AddtlNtryInf>SEPA credit advice</AddtlNtryInf>
</Ntry>
```

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```
<!--Credit due to a returned SEPA credit transfer-->
<Ntry>
  <Amt Ccy="EUR">200.00</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-01</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-01</Dt>
  </ValDt>
  <AcctSvcrRef>Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>159</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <TxDtls>
      <Refs>
        <EndToEndId>E2E-Id of the original transaction</EndToEndId>
      </Refs>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+159++901</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
      <RmtInf>
        <Ustrd>Original remittance information</Ustrd>
      </RmtInf>
      <RtrInf>
        <OrgnlBkTxCd>
          <Prtry>
            <Cd>NTRF+116</Cd>
            <Issr>DK</Issr>
          </Prtry>
        </OrgnlBkTxCd>
        <Orgtr>
          <Id>
            <OrgId>
              <BICorBEI>BANKDEHH</BICorBEI>
            </OrgId>
          </Id>
        </Orgtr>
        <Rsn>
          <Cd>AC01</Cd>
        </Rsn>
        <AddtlInf>IBAN ERROR</AddtlInf>
      </RtrInf>
    </TxDtls>
  </NtryDtls>
  <AddtlNtryInf>SEPA REVERSAL</AddtlNtryInf>
</Ntry>
```


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```
<!--debit due to a returned SEPA direct debit-->
<Ntry>
  <Amt Ccy="EUR">50.00</Amt>
  <CdtDbtInd>DBIT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-01</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-01</Dt>
  </ValDt>
  <AcctSvcrRef>Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>105</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <TxDtls>
      <Refs>
        <EndToEndId>E2E-Id of the original transaction</EndToEndId>
        <MndtId>mandate ID of the SEPA direct debit</MndtId>
      </Refs>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+105</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
      <RltdPties>
        <Dbtr>
          <Nm></Nm>
        </Dbtr>
        <UltmtDbtr>
          <Nm>Name Debtor Reference Party</Nm>
        </UltmtDbtr>
        <Cdtr>
          <Nm>Creditor's company</Nm>
          <Id>
            <PrvtId>
              <Othr>
                <Id>Cdtr-Id of the creditor</Id>
              </Othr>
            </PrvtId>
          </Id>
        </Cdtr>
      </RltdPties>
      <Purp>
        <Cd>PHON</Cd>
      </Purp>
      <RmtInf>
        <Ustrd>Invoice August 2009, contract 3536456345</Ustrd>
      </RmtInf>
    </TxDtls>
  </NtryDtls>
  <AddtlNtryInf>SEPA DIRECT DEBIT</AddtlNtryInf>
</Ntry>
```

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```
<!-- Example 2a: Batched transactions and their itemisation in the message ->
<!--Debit entry due to returned SEPA direct debits (batches transactions) and
itemisation within TransactionDetails-->
<Ntry>
  <Amt Ccy="EUR">276</Amt>
  <CdtDbtInd>DBIT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-03</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-03</Dt>
  </ValDt>
  <AcctSvcrRef> Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>109</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <Btch>
      <NbOfTx>3</NbOfTx>
    </Btch>
    <TxDtls>
<!--itemisation of the batch block consisting of 3 transactions-->
      <Refs>
        <EndToEndId>79892</EndToEndId>
        <MndtId>10001</MndtId>
      </Refs>
      <AmtDtls>
        <TxAmt>
          <Amt Ccy="EUR">76</Amt>
        </TxAmt>
      </AmtDtls>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+109++901</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
      <RltdPties>
        <Dbtr>
          <Nm>name debor 1</Nm>
        </Dbtr>
        <Cdtr>
          <Nm>Telephone serviver ABC</Nm>
          <Id>
            <PrvtId>
              <Othr>
                <Id>CdtrId ofthe presenter of the SEPA direct debit</Id>
              </Othr>
            </PrvtId>
          </Id>
        </Cdtr>
      </RltdPties>
      <RmtInf>
        <Ustrd>Invoice telephone August 2009, contract 3536456345</Ustrd>
      </RmtInf>
    </TxDtls>
  </NtryDtls>
  <TxDtls>
    <Refs>
      <EndToEndId>768768</EndToEndId>
      <MndtId>10002</MndtId>
    </Refs>
    <AmtDtls>
      <TxAmt>
        <Amt Ccy="EUR">80</Amt>
      </TxAmt>
    </AmtDtls>
    <BkTxCd>
      <Prtry>
        <Cd>NTRF+109++901</Cd>
        <Issr>DK</Issr>
      </Prtry>
    </BkTxCd>
  </TxDtls>
</Ntry>
```

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```
</BkTxCd>
<RltdPties>
  <Dbtr>
    <Nm>debtor 2</Nm>
  </Dbtr>
  <Cdtr>
    <Nm>Telephone servicer ABC</Nm>
    <Id>
      <PrvtId>
        <Othr>
          <Id>CdtrId ofthe presenter of the SEPA direct debit</Id>
        </Othr>
      </PrvtId>
    </Id>
  </Cdtr>
</RltdPties>
<RmtInf>
  <Ustrd>Invoice telephone August 2009, contract 3536456888</Ustrd>
</RmtInf>
</TxDtls>
<TxDtls>
  <Refs>
    <EndToEndId>45456465</EndToEndId>
    <MndtId>10003</MndtId>
  </Refs>
  <AmtDtls>
    <TxAmt>
      <Amt Ccy="EUR">120</Amt>
    </TxAmt>
  </AmtDtls>
</BkTxCd>
<Prtry>
  <Cd>NTRF+109++901</Cd>
  <Issr>DK</Issr>
</Prtry>
</BkTxCd>
<RltdPties>
  <Dbtr>
    <Nm>debtor 3</Nm>
  </Dbtr>
  <Cdtr>
    <Nm>Telephone servicer ABC</Nm>
    <Id>
      <PrvtId>
        <Othr>
          <Id> CdtrId ofthe presenter of the SEPA direct debit</Id>
        </Othr>
      </PrvtId>
    </Id>
  </Cdtr>
</RltdPties>
<RmtInf>
  <Ustrd> Invoice telephone August 2009, contract 3536456888</Ustrd>
</RmtInf>
</TxDtls>
</NtryDtls>
<AddtlNtryInf>SEPA Direct Debit (single entry debit,Core)</AddtlNtryInf>
</Ntry>
```

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```
<!-- Example 2b: Batched transactions with reference to a pain message and
separate camt.054.001.02 message -->
<!--Debit entry due to a SEPA credit transfer (batched transaction) with
reference to the original pain message-->
<Ntry>
  <Amt Ccy="EUR">100876.00</Amt>
  <CdtDbtInd>DBIT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-03</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-03</Dt>
  </ValDt>
  <AcctSvcrRef>Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>191</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <Btch>
      <MsgId>MsgId of pain message</MsgId>
      <PmtInfId>Payment Information Id in this pain message</PmtInfId>
    </Btch>
    <TxDtls>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+191</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
    </TxDtls>
  </NtryDtls>
  <AddtlNtryInf>SEPA Credit Transfer (batched transaction, debit)
</AddtlNtryInf>
</Ntry>
<!--Debit due to returned SEPA direct debits (batched transactions) with
reference to a separate camt.054.001.02 message-->
<Ntry>
  <Amt Ccy="EUR">276.00</Amt>
  <CdtDbtInd>DBIT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-03</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-03</Dt>
  </ValDt>
  <AcctSvcrRef>Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>109</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <AddtlInfInd>
    <MsgNmId>camt.054.001.02</MsgNmId>
    <MsgId>054-20090903-00034</MsgId>
    <!--see example camt54 Bsp 2b -->
  </AddtlInfInd>
  <NtryDtls>
    <TxDtls>
      <BkTxCd>
        <Prtry>
          <Cd>NTRF+109++901</Cd>
          <Issr>DK</Issr>
        </Prtry>
      </BkTxCd>
    </TxDtls>
  </NtryDtls>
  <AddtlNtryInf>SEPA Direct Debit (single entry debit, core)
</AddtlNtryInf>
</Ntry>
```

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```
<!-- Beispiel 3: USD payment with credit entry on EUR account -->
<Ntry>
  <Amt Ccy="EUR">259595.60</Amt>
  <CdtDbtInd>CRDT</CdtDbtInd>
  <Sts>BOOK</Sts>
  <BookgDt>
    <Dt>2008-09-04</Dt>
  </BookgDt>
  <ValDt>
    <Dt>2008-09-04</Dt>
  </ValDt>
  <AcctSvcrRef> Institution's reference</AcctSvcrRef>
  <BkTxCd>
    <Prtry>
      <Cd>202</Cd>
      <Issr>DK</Issr>
    </Prtry>
  </BkTxCd>
  <NtryDtls>
    <TxDtls>
      <AmtDtls>
        <InstdAmt>
          <Amt Ccy="USD">360873.97</Amt>
        </InstdAmt>
        <TxAmt>
          <Amt Ccy="EUR">259595.60</Amt>
        </TxAmt>
        <CntrValAmt>
          <Amt Ccy="EUR">259621.56</Amt>
          <CcyXchg>
            <SrcCcy>USD</SrcCcy>
            <TrgtCcy>EUR</TrgtCcy>
            <XchgRate>1.39</XchgRate>
          </CcyXchg>
        </CntrValAmt>
      </AmtDtls>
    </TxDtls>
    <BkTxCd>
      <Prtry>
        <Cd>NTRF+202</Cd>
        <Issr>DK</Issr>
      </Prtry>
    </BkTxCd>
    <Chrgs>
      <Amt Ccy="EUR">25.96</Amt>
    </Chrgs>
    <RltdPties>
      <Dbtr>
        <Nm>West Coast Ltd.</Nm>
        <PstlAdr>
          <Ctry>US</Ctry>
          <AdrLine>52, Main Street</AdrLine>
          <AdrLine>3733 San Francisco</AdrLine>
        </PstlAdr>
      </Dbtr>
      <DbtrAcct>
        <Id>
          <Othr>
            <Id>546237687</Id>
          </Othr>
        </Id>
      </DbtrAcct>
    </RltdPties>
    <RltdAgts>
      <DbtrAgt>
        <FinInstnId>
          <BIC>BANKUSNY</BIC>
        </FinInstnId>
      </DbtrAgt>
    </RltdAgts>
    <RmtInf>
      <Ustrd>Invoice No. 4545</Ustrd>
    </RmtInf>
  </TxDtls>
</NtryDtls>
<AddtlNtryInf>FOREIGN COUNTRY-REMITTANCE CREDIT ASVICE</AddtlNtryInf>
</Ntry>
```

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```
</Stmt>  
</BkToCstmrStmt>  
</Document>
```

8 Customer Statement Message according to SWIFT (MT940/MT942)

Annotation:

Since the “DFÜ agreement” does not require all SWIFT. formats, the present chapter does not attempt to give a complete description of SWIFT., but only modifications to the format rules. Fields that are not needed have either a constant value assigned or are left blank. Nonetheless, any data record generated in accordance with these instructions will be in compliance with the SWIFT formats.

8.1 General syntax usage rules

1. Lines with a shaded background mark the start of a new field or sequence. The status and number information in those lines refers to the entire field or sequence.
2. If an optional field or sequence is left unassigned, then the entire field or sequence must be left out.
3. If several options are possible for a given field, then the code for that option replaces the lower-case letter given with the field number. (For example, field :90a: with option C becomes :90C:).
4. Tags are separated by <CR><LF> (ASCII: X'0D0A')
5. A message or partial message is terminated with <CR><LF><—> (ASCII: X'0D0A2D').
6. The data record begins with a leading <CR><LF> in front of the tag in the first field.
7. The contents of a field must not contain a colon or hyphen at the start of a record.
8. There is no need to verify compliance with the length limitations that SWIFT. specifies for SWIFT. messages.
9. The SWIFT. character set (see below) should be followed. However, in order to avoid problems with third party data which are set in the SWIFT. formats and use another character set (for instance WM security categories in field :35B:), the receiving system should until further notice not reject any further orders which violate these requirements.
10. When using date specifications consisting of six digits (i.e. YYMMDD) between the 20th and the 21st century the following distinction has to be made:
 - If the year (YY) is greater than 79 the date refers to the 20th century. If the year is less than 79 the date refers to the 21st century.
 - If YY > 79 then YYMMDD = 19YYMMDD
 - else YYMMDD = 20YYMMDD
 - Thus, the 6-digit date specifications comprise the years from 1980 to 2079.

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Formats

Code	Name	Definition
a	alpha	Any alphabet character from A to Z is allowed.
c	character	Any character from "A" to "Z" and "0" to "9" is allowed.
d	decimal	A floating-point number. The integer part must contain at least one position. A decimal character (comma) must be included (it is counted against the maximum length).
n	numeric	Any numeral from 0 to 9 is allowed.
x	alpha numeric	Any member of the set of SWIFT. characters is allowed

Character Set



Before processing, the bank must perform an ASCII-EBCDIC conversion if necessary.

The SWIFT character set applies for all SWIFT. formats unless otherwise defined.

The SWIFT. character set is a subset of ISO 8859:

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0											LF			CR		
1																
2	SP	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
3	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
6	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
7	p	q	r	s	t	u	v	w	x	y	z	{		}	~	
8																
9																
A		ı	ç	£	¤	¥	ı	§	¨	©	ª	«	¬		®	¯
B	°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿
C	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
D	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
E	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
F	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

Although the brace characters are part of the set and are used for delimiting fields, they may not be used in the text of a message sent from one user to another.

8.2 MT 940 Customer Statement Message

"Customer Statement Message"; based on SWIFT. "Standards Release Guide"
(last amendment incorporated SRG 2001)

8.2.1 Overview (without constant fields)

Se- qu- ence	Sub- se- quen- ce	Tag	Sta- tus ¹⁴²	Contents
		:20:	M	Order reference number
		:21:	O	Reference number
		:25:	M	Account name
		:28C:	M	Statement number
		:60a:	M	Opening account
			O	Repetitive cycle
		:61:	O	Transaction
		:86:	O	Remittance information field
		:62a:	M	Closing balance
		:64:	O	Current value balance
		:65:	O	Future value balances
		:86:	O	Remittance information field

8.2.2 Guidelines for Entries

Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁴³	Len- gth	Sta- tus ¹⁴²	Qu- an- tity	Contents/Explanations
		:20:	Transaction reference number			M	1	
			Tag			M	1	":20:"

¹⁴² M = mandatory field, O = optional field, C = conditional field

¹⁴³ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and is included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁴³	Len- gth	Sta- tus ¹⁴²	Qu- an- tity	Contents/Explanations
			Reference	x	..16	M	1	Reference number as- signed by the sender as a unique identifier for the message (e.g. as refer- ence to cancelled mes- sages). Must not begin or end with "/", and may not contain "//".
		:21:	Related reference			O	1	
			Tag			M	1	":21:"
			Reference	x	..16	M	1	Related reference or "NONREF" Must not begin or end with "/", and may not contain "//".
		:25:	Account name			M	1	
			Tag			M	1	":25:"
			Bank	x	..35	M	1	BLZ/German account number or BIC/German account number ¹⁴⁴ or IBAN ¹⁴⁴ whereat German account number = max. 23 digits (where necessary with currency) BLZ = 8-digit German bank code BIC = SWIFT. code with max. 11 digits
		:28C:	Statement number			M	1	
			Tag			M	1	":28C:"
			Statement number	n	..5	M	1	If statement number is not supported, then "0" is inserted
			Constant			C	1	"/" (only if end identifier is used)
			Sheet number	n	..5	O	1	beginning with 1
		:60a:	Opening balance			M	1	
			Option F					with opening balance

¹⁴⁴ Require the special agreement between customer and bank.

If necessary, the financial institution has to verify to which extent the change may be effected for the customer. If necessary, the customer has to adjust his electronic banking product.

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁴³	Len- gth	Sta- tus ⁴²	Qu- an- tity	Contents/Explanations		
			Tag			M	1	":60F:"		
			Debit/credit ID	a	1	M	1	C = Credit D = Debit		
			Posting date	n	..6	M	1	YYMMDD = posting date of balance or '000000' for the first statement		
			Currency	a	3	M	1	Currency code as per ISO 4217		
			Amount	d	..15	M	1			
			Option M					With interim balance		
			Tag			M	1	":60M:"		
			Debit/credit ID	a	1	M	1	"C" = Credit "D" = Debit		
			Posting date	n	6	M	1	YYMMDD = posting date of balance or '000000' for the first statement		
			Currency	a	3	M	1	Currency code as per ISO 4217		
			Amount	d	..15	M	1			
			↓ Repetitive cycle as per SWIFT. conventions (start)							
	:61:	Transaction			O	1				
		Tag			M	1	":61:"			
		Value Date	n	6	M	1	YYMMDD According to the EPC rulebook on SEPA Direct Debit: due date of the collection. Unless the due date is a TARGET business day, the value date is the next TARGET business day following the due date.			
		Posting date	n	4	O	1	MMDD			
		Debit/credit ID	a	..2	M	1	"C" = Credit "D" = Debit "RC" = Reversal Credit "RD" = Reversal Debit			
		Currency type	a	1	O	1	The third letter of the currency code, if it is required for distinction.			
		Amount	d	..15	M	1	Amount in account currency			
		Constant	a	1	M	1	"N"			
		Posting key	c	3	M	1	See table "Posting Keys"			

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁴³	Len- gth	Sta- tus ¹⁴²	Qu- an- tity	Contents/Explanations
			Reference	x	..16	M	1	Customer reference. If not filled in, "NONREF" is inserted (e.g. in case of cheque number) If "KREF+" is inserted, the reference number is specified in Tag :86:.
			Constant			C	1	"/", if bank reference exists
			Bank reference	x	..16	O	1	Bank reference
			Constant			C	1	<CR><LF>, if "further information" exists
			Further information/ original amount and amount of charges ¹⁴⁵	x	..34	O	1	Currency type and transaction amount (original currency amount) in the following format: /OCMT/3a..15d/ and currency type and charges in the following format: /CHGS/3a..15d/ 3a = 3-digit currency code (as per SWIFT ISO 4217) ..15d = amount with comma as decimal separator (as per SWIFT. convention) In case of returned SEPA direct debits, the original amount has to be allocated to the field /OCMT/ and the sum of all charges as well as the interest equalisation to the field /CHGS/.
		:86:	Remittance information field			O	1	
			Tag			M	1	":86:"

¹⁴⁵ If the original currency and the currency of the account differ, it is recommended to fill in this field. If the field length is insufficient, additional details may be specified in field 86. In each case original amount and, if available, the amount of charges are to be filled in the same field.

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁴³	Len- gth	Sta- tus ⁴²	Qu- an- tity	Contents/Explanations
			Narrative	x	.. 65	M	6	See usage and control guidelines for MT 940 including the appropriate business transaction codes. The lines are separated by <CR><LF>.
↑ Repetitive cycle as per SWIFT. conventions (end)								
	:62a:	Closing balance				M	1	
		Option F						with closing balance
		Tag				M	1	":60F"
		Debit/Credit-ID		a	1	M	1	C = Credit D = Debit
		Posting date		n	6	M	1	YYMMDD
		Currency		a	3	M	1	Currency code as per ISO 4217
		Amount		d	..15	M	1	
		Option M						with interim balance
		Tag				M	1	":60M"
		Debit/Credit-ID		a	1	M	1	C = Credit D = Debit
		Posting date		n	6	M	1	YYMMDD = Posting date of balance
		Currency		a	3	M	1	Currency key as per ISO 4217
		Amount		d	..15	M	1	
	:64:	Current value date balance				O	1	
		Tag				M	1	":64:"
		Debit/credit ID		a	1	M	1	C = Credit D = Debit
		Posting date		n	6	M	1	YYMMDD
		Currency		a	3	M	1	Currency code as per ISO 4217
		Amount		d	..15	M	1	
	:65:	Future value date balances				O	n	
		Tag				M	1	":65:"
		Debit/credit ID		a	1	M	1	C = Credit D = Debit
		Posting date		n	6	M	1	YYMMDD
		Currency		a	3	M	1	Currency code as per ISO 4217
		Amount		d	..15	M	1	
	:86:	Remittance information field				O	1	
		Tag				M	1	":86:"

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹ 143	Len- gth 42	Sta- tus ¹ 42	Qu- an- tity	Contents/Explanations
			Narrative	x	.. 65	O	6	Only unstructured information is to be entered. Information on individual transactions must not be filled in. The lines are separated by <CR><LF>.

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8.2.3 Posting Keys (Field 61)

Posting Key	Text according to SWIFT.
BNK	Securities Related Item - Bank fees
BOE	Bill of exchange
BRF	Brokerage fee
CAR	Securities Related Item - Corporate Actions Related (Should only be used when no specific corporate action event code is available)
CAS	Securities Related Item - Cash in Lieu
CHG	Charges and other expenses
CHK	Cheques
CLR	Cash letters/Cheques remittance
CMI	Cash management item - No detail
CMN	Cash management item - Notional pooling
CMP	Compensation claims
CMS	Cash management item - Sweeping
CMT	Cash management item –Topping
CMZ	Cash management item - Zero balancing
COL	Collections (used when entering a principal amount)
COM	Commission
CPN	Securities Related Item - Coupon payments
DCR	Documentary credit (used when entering a principal amount)
DDT	Direct Debit Item
DIS	Securities Related Item - Gains disbursement
DIV	Securities Related Item - Dividends
EQA	Equivalent amount
EXT	Securities Related Item - External transfer for own account
FEX	Foreign exchange
INT	Interest
LBX	Lock box
LDP	Loan deposit
MAR	Securities Related Item - Margin payments/Receipts
MAT	Securities Related Item - Maturity
MGT	Securities Related Item - Management fees
MSC	Miscellaneous
NWI	Securities Related Item - New issues distribution
ODC	Overdraft charge
OPT	Securities Related Item - Options
PCH	Securities Related Item - Purchase (including STIF and Time deposits)
POP	Securities Related Item - Pair-off proceeds
PRN	Securities Related Item - Principal pay-down/pay-up
REC	Securities Related Item - Tax reclaim
REC	Securities Related Item - Tax reclaim
RED	RED Securities Related Item - Redemption/Withdrawal
RIG	Securities Related Item - Rights
RTI	Returned item
SAL	Securities Related Item - Sale (including STIF and Time deposits)
SEC	Securities (used when entering a principal amount)

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SLE	Securities Related Item - Securities lending related
STO	Standing order
STP	Securities Related Item - Stamp duty
SUB	Securities Related Item - Subscription
SWP	Securities Related Item - SWAP payment
TAX	Securities Related Item - Withholding tax payment
TCK	Travellers cheques
TCM	Securities Related Item - Tripartite collateral management
TRA	Securities Related Item - Internal transfer for own account
TRF	Transfer
TRN	Securities Related Item - Transaction fee
UWC	Securities Related Item - Underwriting commission
VDA	Value date adjustment
WAR	Securities Related Item - Warrant

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8.2.4 Structured assignment of field 86¹⁴⁶

Field code	Name	Format	Length	Status	Quantity	Information on SEPA payments
	Transaction code	numeric	3	M	1	As per table "Business Transaction codes" (AT 20 Identification code of the process)
00	Posting text	alpha	..27	O	1	
10	Journal no.	alpha-num	..10	O	1	
20-29	Remittance information ¹⁴⁷	alpha-num	..27	O	10	<p>Every identifier [e.g. EREF+] must be placed at the start of a subfield [e.g. ?21]. If the length is exceeded, the information is continued in the following subfield without repeating the identifier. In case the identifier is altered, a new subfield has to be started.</p> <p>Assignment in the following order if available:</p> <p>EREF+[End to End Reference] (DD-AT10; CT-AT41 - specification is mandatory)</p> <p>NOTPROVIDED will not be entered</p> <p>In case of cheques the constant value „SCHECK-NR. “, followed by the cheque number is to be allocated behind EREF+ (but only after the migration of cheque forms to ISO 20022; November 2016, according to the value of EndToEndId of the corresponding cheque transaction)).</p> <p>KREF+[Reference of the submitting customer]</p>

¹⁴⁶ The remittance information field :86: is available for optional structured assignments. Note, however, that if this option is used, only the transaction codes defined by the table below may be used. Please also note that the maximum field length of 6 x 65 characters will be exceeded if the field is completely utilized (A total of 568 characters are required if all options including control characters are utilized). A bilateral agreement between customer and bank is required for this.

¹⁴⁷ If the bank also reports the transaction amount in some other, equivalent currency (EUR for deviant equivalent currency), it is recommended to enter this equivalent value in one of the description fields, left-justified while observing the following format:

/OCMT/3a15num/, whereat

3a = equivalent currency code as per ISO 4217

15num = equivalent amount, using comma as decimal sign (as per SWIFT convention)

If the original transaction amount and the fee amount are not entered in field 61/9, then it is recommended to record them, left-justified, in two successive fields for the remittance information.

For example: ?20/OCMT/FRF1000,/?21/CHGS/EUR2,1/

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						<p>MREF+[mandate reference] (DD-AT01 - specification is mandatory)</p> <p>CRED+[Creditor Identifier] (DD-AT02 - specification is mandatory for SEPA direct debits but not for SEPA return /refund debits)</p> <p>DEBT+[Originators Identification Code](CT-AT10- specification is mandatory,)</p> <p>Either CRED or DEBT</p> <p>optionally in addition to the adjustment made in field 61, subfield 9:</p> <ul style="list-style-type: none"> • COAM+ [Compensation Amount / Sum of reimbursement of out-of-pocket expenses plus processing brokerage in case of a national return / refund debit as well as an optional interest equalisation] • OAMT+[Original Amount] Amount of the original direct debit <p>SVWZ+[SEPA remittance information] (DD-AT22; CT-AT05 - specification is mandatory however not in case of R-transactions)¹⁴⁸</p> <p>ABWA+[payer's/debtor's reference party (in the case of a credit transfer (CT-AT08) / payee's / creditor's reference party (in the case of a direct debit) (DD-AT38)] (optional)¹⁴⁹</p> <p>ABWE+[payee's/creditor's reference party (in the case of a credit transfer (CT-AT28) / payer's/debtor's reference party ((DD-AT15))] (optional)¹⁴⁹</p>
--	--	--	--	--	--	--

¹⁴⁸ In the case of R-transactions after SVWZ+ one of the following constants follows (optionally followed by additional reason information):

1. In case of a return BEFORE settlement (i.e. from pacs.002): REJECT
2. In case of a return AFTER settlement (i.e. from pacs.004): RETURN/REFUND (Alternatively, the umbrella term „ RUECKLASTSCHRIFT “ can be applied).

¹⁴⁹ In the case of R-transactions, these statements always refer to the original transaction.

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30	German bank code of Payer (in the case of a credit transfer) / payee (in the case of a direct debit)	alpha-num	..12	O	1	In the case of SEPA payments: BIC of payer / payee
31	German account number of payer (in the case of a credit transfer) / payee (in the case of a direct debit)	alpha-num	..34	O	1	AT 01 IBAN of payer (payment receipt of credit transfer) AT 04 IBAN of payee (receipt of direct debit)
32-33	Name Payer (in the case of a credit transfer) / payee (in the case of a direct debit)	alpha-num	..27	O	2	AT 02 Name of payer AT 03 Name payee (Name will be truncated if more than 54 characters are entered.)
34	Text key addition	numerical	3	O	1	For R-transactions see table "SEPA Codes", for SEPA direct debits see optional allocation in the case of business transaction codes 104 and 105
60-63	remittance information	alpha-num	..27	O	4	Continuation of ?20 to ?29

The control character "?" is placed before each field code.

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8.2.5 Example

Folge	Subfolge	Beispiel
		:20:1234567 :21:9876543210 :25:10020030/1234567 :28C:5/1 :60F:C131101EUR2200,95
		:61:1311121111CR155,34NTRFNONREF//55555 :86:166?00SEPA-UEBERWEISUNG?109315 ?20EREF+987654123456?21SVWZ+Salary October?22734 und123455056735?30COLSDE33XXX?31DE91370501980 100558000?32Max Mustermann
		:61:1311121112DR20,50NDDTNONREF//55555 :86:105?00SEPA-BASIS-LASTSCHRIFT?109316 ?20EREF+987654123497?21MREF+10023?22CRED+DE5 4ZZZ099999999999?23SVWZ+Insurance premium 2 ?24013?30WELADED1MST?31DE87240501501234567890 ?32XYZ Insurance limited?34991
		:62F:C131112EUR2335,79 -

8.2.6 Business Transaction Codes (GVC)

The business transaction code (GVC) defines all business transactions that result from a bank posting. It consists of a standard three-digit code which allows customers to map transaction information into the transaction categories used within their specific business systems.

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GVC structure

X X X

| | | _____ Type of business transaction

| | _____ Type of business transaction

| _____ Nature of business transaction

1st digit:

0 and 1 = payments in Euro within EU and EEA

2 = Cross border business / payments

3 = Securities business

4 = Foreign exchange

5 = MAOBE

6 = Credit transaction

7 = Reserve

8 = Miscellaneous

9 = Unstructured assignment

2nd and 3rd digit, refer to the following list:

The GVC is contained in MT 940, field 86, positions 1 to 3. In the case of reversal postings, the entries RC or RD have to be assigned to field 61, subfield 3.

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Code	D/C	Business Transaction
		Payments in Euro within EU and EEA (0XX and 1XX)
001	D	Bearer cheque (not Eurocheque) ¹⁵⁰
002	D	Order cheque ¹⁵⁰
003	D	DM traveller's cheque ¹⁵⁰
006	D	Other debit entry advice
009	D	Return debit from data carrier file interchange, debit entry (return) - DTA - ¹⁵⁰
012	D	Clearing payment instruction ¹⁵⁰
014	D	Debit for Eurocheque in foreign currency/ Debit for foreign cheques processed by the GZS ¹⁵⁰
058	C	Interbank payment (remittance credit)
070	C	Cheque presentation ¹⁵⁰
072	C	Redemption of bill of exchange
073	D	Bill of exchange
075	D/C	BSE cheque (cheque collection procedure) ¹⁵⁰
076	D	Telephone order
079	D/C	Bulk remittance
082	C	Payment on an account
083	D	Withdrawal
084	D	Online direct debit order ¹⁵¹
087	D	Urgent payment ¹⁵²
088	C	Remittance credit with fixed value date
093	C	Discount bill
095	D/C	Bank guarantee credit (domestic)
098	C	Cash card (electronic wallet transactions)
101	D	Bearer cheque ¹⁵³
102	D	Order cheque ¹⁵³
103	D	Traveller's cheque ¹⁵³
104	D	SEPA Direct Debit (single entry – debit, B2B)
105	D	SEPA Direct Debit (single entry – debit, Core)
106	D	SEPA Cards Clearing (single entry - debit)
107	D	SEPA Direct Debit (single entry - debit, direct debit generated by debit card at the point of sale) ¹⁵⁴

¹⁵⁰ This code will be omitted from November 21st, 2016 by reason of the cheque migration to ISO 20022.

¹⁵¹ Can be used for the ISO codes ECPG and ECPU in the field "Purpose" also. The content of the field "Category purpose" is ignored.

¹⁵² Transmission either via DTE or CCU. By reason of the complete omission of the order types DTE and EUE (from November 2017) clients are recommended to use order type CCU exclusively as soon as possible.

¹⁵³ Usable only after the migration of cheque payment to ISO 20022 (November 21st, 2016)

¹⁵⁴ Is applied to the ISO-Code CGDD (Card Generated Direct Debit) in the field „Purpose“

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Code	D/C	Business Transaction
108	D	SEPA Direct Debit (debit; reversal debit,B2B) ¹⁵⁵
109	D	SEPA Direct Debit (debit; reversal debit, Core) ¹⁵⁵
110	D	SEPA Cards Clearing (debit; reversal debit, Core) ¹⁵⁵
111	D	Return account of cheques ¹⁵³
112	D	Payment order for account ¹⁵³
116	D	SEPA Credit Transfer (single entry – debit) ¹⁵⁶
117	D	SEPA Credit Transfer (Recurring Installment – debit) ¹⁵⁷
119	D	SEPA Credit Transfer (single entry – debit, charity payment) ¹⁵⁸
122	D	Foreign currency cheque issued in Euro ¹⁵³
152	C	SEPA Credit Transfer (credit, recurring instalment payment) ¹⁵⁷
153	C	SEPA Credit Transfer (single entry – credit, wages, salaries, pension credit) ¹⁵⁹
154	C	SEPA Credit Transfer (single entry – credit, capital building fringe fortune) ¹⁶⁰
155	C	SEPA Credit Transfer (single entry – credit, capital building fringe fortune for retirement) ¹⁶¹
156	C	SEPA Credit Transfer (single entry – credit, remittances of public treasuries) ¹⁶²
159	C	SEPA Credit Transfer return (credit) for remittance that cannot be credited (reverse remittance) ¹⁵⁵
166	C	SEPA Credit Transfer (single entry – credit) ¹⁵⁶
167	C	SEPA Credit Transfer (single entry – credit, credit transfer with checksum-protected reference data (RF)) ¹⁶³
168		reserved
169	C	SEPA Credit Transfer (single entry – credit, charity payment) ¹⁵⁸
170	C	Credit entry related to a cheque presentation ¹⁵³
171	C	SEPA Direct Debit submission (single entry – credit, Core) ¹⁵¹
174	C	SEPA Direct Debit (single entry – credit, B2B)
177	D	SEPA Credit Transfer Online (single entry - debit)
181	C	SEPA Direct Debit (credit; recredit, Core) ¹⁵⁵

¹⁵⁵ See separate table of SEPA codes

¹⁵⁶ Can be used for the ISO code ECPR (electronic commerce payment return) in the field "Purpose" also. The content of the field "Category purpose" is ignored.

¹⁵⁷ Is applied to the ISO-Code RINP (Recurring Installment Payment) in the field „Purpose“.

¹⁵⁸ Is applied to the ISO-Code CHAR (Charity Payment) in the field „Purpose“

¹⁵⁹ Is applied to the following ISO codes in the field "Purpose": BONU, PENS, SALA, PAYR. The content of the field "Category purpose" is ignored.

¹⁶⁰ Is applied to the ISO code CBFF in the field "Purpose". The content of the field "Category purpose" is ignored.

¹⁶¹ Is applied to the ISO code CBFR (Capital building fringe fortune for retirement) in the field "Purpose". The content of the field "Category purpose" is ignored.

¹⁶² Is applied to the following ISO codes in the field "Purpose": GOVT, SSBE, BENE. The content of the field "Category purpose" is ignored.

¹⁶³ Is applied to the ISO code IVPT (Invoice Payment) in the field "Purpose", if the structured remittance information contains left-aligned "RF".

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Code	D/C	Business Transaction
182	C	SEPA Cards Clearing (credit; recredit) ¹⁵⁵
183	C	Return of cheque ¹⁵³
184	C	SEPA Direct Debit (credit; recredit, B2B) ¹⁵⁵
190	D	SEPA Cards Clearing (bulk posting debit)
191	D	SEPA Credit Transfer (bulk posting debit) ¹⁵⁶
192	C	SEPA Direct Debit (bulk posting credit, Core) ¹⁵¹
193	D	SEPA Direct Debit (debit, reversal)
194	C	SEPA Credit Transfer (bulk posting credit)
195	D	SEPA Direct Debit (bulk posting debit, Core)
196	C	SEPA Direct Debit (bulk posting credit, B2B)
197	D	SEPA Direct Debit (bulk posting debit, B2B)
198	C	SEPA Cards Clearing (bulk posting credit)
199	D	SEPA Cards Clearing (debit, reversal)
2XX		Cross-border business / payments
201	D	Payment order
202	C	Cross-border payment
203	D/C	Collection
204	D/C	Letter of credit
205	D/C	Bank guarantee credit
206	C	Cross-border remittance
208	D/C	Reimbursement
209	D	Cheque payment
210	D/C	Electronic payment
211	C	Receipt of electronic payment
212	D	Standing order
213	D	Cross-border direct debit
214	D	Documentary collection (Import)
215	C	Documentary collection (Export)
216	D	Bill of exchange collection (Import)
217	C	Bill of exchange collection (Export)
218	D	Import letter of credit
219	C	Export letter of credit
220	C	Foreign cheque credit (subject to collection)
221	C	Credit for foreign cheque collection
222	D	Cross border cheque debit
223	D	Cross border EC cheque debit
224	C	Purchase of foreign currencies
225	D	Sale of foreign currencies
3XX		Securities Business
301	C	Collection
302	C	Coupons/Dividends
303	D/C	Stocks and bonds
304	D	Carry-over
305	D	Registered bond
306	D	Promissory note
307	D	Subscription of securities

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Code	D/C	Business Transaction
308	D/C	Subscription rights trade
309	D/C	Bonus rights trade
310	D/C	Option trading
311	D/C	Futures transactions
320	D	Securities transaction fees
321	D	Custodian fees
330	C	Securities income
340	C	Credit for matured securities
399	D	Reversal
4XX		Foreign Exchange
401	D/C	Spot exchange
402	D/C	Forward exchange
403	D	Foreign exchange for travel purposes
404	D	Foreign currency cheque
405	D	Financial innovations
406	C	FX-Deal
407	D/C	Money marked deal
408	C	Interest money marked
409	C	Interest plus principal
411	D	Spot exchange: purchase
412	C	Spot exchange: sale
413	D	Forward exchange: purchase
414	C	Forward exchange: sale
415	D	In Foreign currency Overnight money: active
416	C	In Foreign currency Overnight money: passive
417	D	In Foreign currency Fixed-term deposit: active
418	C	In Foreign currency Fixed-term deposit: passive
419	D	Call money: active
420	C	Call money: passive
421	D/C	Options
422	D/C	Swap
423	C	Precious metal: purchase
424	D	Precious metal: sale
6XX		Credit Business
601	D	Collection of instalments/annuities
602	C	Remittance of instalments/annuities
603	D	Redemption
604	D	Interest on loan
605	D	Interest on loan with additional services
606	D/C	Loan principal amount
607	D	Repayment principal amount and/or interest
8XX		Miscellaneous
801	D	Cheque card
802	D	Cheque book
803	D	Custodianship

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Code	D/C	Business Transaction
804	D	Standing order charge
805	D/C	Closing balance
806	D	Postage and handling
807	D	Fees and expenses
808	D	Charges
809	D	Brokerage
810	D	Reminder charges
811	D	Credit costs
812	D	Interest charged for deferred payment
813	D	Discount
814	D/C	Interest
815	C	Capitalised interest
816	C	Change of interest rate
817	C	Correction of interest
818	D	Charge-off
819	C	Remuneration
820	D/C	Carry-over
821	D	Telephone
822	C	Payment plan
823	D/C	Fixed-term deposits
824	D	Moeny fpr lending or donating purposes
825	D	Universal loan
826	D	ddynamic savings
827	D	Surplus savings
828	D/C	Savings certificate
829	D	Savings plan
830	C	Bonus
831	D	Old invoice
832	D	Mortgage
833	D/C	Cash concentrating: main account posting
834	D/C	Cash concentrating: advice for subsidiary account
835	D	Other non-defined transaction types
836	D/C	Complaint posting
837	D	Value added tax / sales tax
888	D/C	Payment transfer due to Euro conversion
899	D/C	Reversal
9XX		Unstructured Contents
997	D	List of safekeeping accounts -> MT 571
999	D/C	Unstructured assignment of remittance information field '86'

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8.2.7 Implementation of SEPA codes in field 86 (subfield 34)

SEPA-Codes are stored in field ?34, "Text key addition", as follows:

8.2.7.1 Specification in case of GVC 108, 109, 110, 111, 159, 181, 183 or 184

SEPA Codes	Text key addition	ISO Name	Annotation	Proposal for plain text (for the German plain text refer to "Anlage 3")
AC01	901	IncorrectAccountNumber	Account number is incorrect (invalid IBAN)	ACCOUNT ID INCORRECT
AC04	902	ClosedAccountNumber	Account is closed	ACCOUNT CLOSED
AC06	903	BlockedAccount	Account is frozen	ACCOUNT BLOCKED
AG01 ¹⁶⁴	904	TransactionForbidden	Payment type is not allowed for this account type	TRANSACTION FORBIDDEN
AG02	905	InvalidBankOperationCode	Invalid transaction code or incorrect data format / wrong sequence type	TACODE INCOR./INV.FILE FORM
AM04 ¹⁶⁴	906	InsufficientFunds	Return due to insufficient funds	INSUFFICIENT FUNDS
AM05	907	Duplication (Duplicate Collection/Entry)	Duplicate collection/entry	DUPLICATION
BE04	908	MissingCreditorAddress	Payee's address is missing or incomplete (in the case of a direct debit)	ACCOUNT ADDRESS INVALID
MD01	909	NoMandate (No Valid Mandate / Unauthorised Transaction)	No valid mandate / no valid authorisation	NO VALID MANDATE/AUTHORIZA.
MD02	910	MissingMandatoryInformation InMandate	Mandatory information incorrect or incomplete	MANDATE DATA MISSING/IN CORR

¹⁶⁴ Codes must not be applied according to the SEPA agreement on national direct debits. Upon receiving this code, however, it is to be passed on to the client

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SEPA Codes	Text key addition	ISO Name	Annotation	Proposal for plain text (for the German plain text refer to "Anlage 3")
FF01 ¹⁶⁴	911	InvalidFileFormatForOtherReasonThanGroupingIndicator	Data format is invalid	INVALID FILE FORMAT
MD06	912	RefundRequestByEnd-Customer	Refund request by payer	REFUND BY DEBTOR
MD07 ¹⁶⁵	913	EndCustomerDeceased	Account holder is deceased	END CUSTOMER DECEASED
MS02	914	NotSpecifiedReason-Customer Generated	Miscellaneous reasons	NOT SPECIFIED REASON
MS03		NotSpecifiedReasonAgent Generated		
NARR		Narrative		
RC01	915	BankIdentifierIncorrect	Bank code is incorrect (invalid BIC)	BIC INCORRECT
TM01 ¹⁶⁴	916	Cut-off Time	Cut-off-time reached before receipt	CUT-OFF TIME EXCEEDED
RR01 ¹⁶⁵	917	Missing Debtor Account or Identification	Refusal because of regulatory reasons	MISSING DEBTOR ACCOUNT/ID
RR02 ¹⁶⁵		Missing Debtor Name or Address		MISSING DEBTOR NAME/ADDRESS
RR03 ¹⁶⁵		Missing Creditor Name or Address		MISSING CREDITOR NAME/ADDR.
RR04 ¹⁶⁵		Regulatory Reason		REGULATORY REASON
SL01	918	Specific Service offered by Debtor Bank	Specific Service offered by Debtor Bank	SPEC. SERVICE DEBTOR BANK
FOCR	919	FollowingCancellationRequest	Return due to a recall	FOLLOWING CANCELLATION REQ.
DUPL	920 ¹⁶⁶	DuplicatePayment	Duplicate payment	DUPLICATE PAYMENT
TECH	921 ¹⁶⁶	--- (proprietary code)	Payment was transacted by mistake because of technical problems	TECHNICAL PROBLEMS
FRAD	922 ¹⁶⁶	--- (proprietary code)	Payment was transacted with intent of defraud	FRAUDULENT ORIGIN. PAYMENT
AGNT	923 ¹⁶⁶	IncorrectAgent	Incorrectly employed agent	INCORRECT AGENT
CURR	924 ¹⁶⁶	IncorrectCurrency	Incorrect currency	INCORRECT CURRENCY
CUST	925 ¹⁶⁶	RequestedByCustomer	Requested by customer	REQUESTED BY CUSTOMER / STOP CHEQUE

¹⁶⁵ Codes must not be applied according to the SEPA agreements on national direct debits and credit transfers. Upon receiving this code, however, it is to be passed on to the client

¹⁶⁶ Is only applicable in case of a renewed credit entry to the payer's account caused by a request for cancellation of a direct debit before settlement or in case of stopping cheques (only in case of reason Codes CUST).

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SEPA Codes	Text key addition	ISO Name	Annotation	Proposal for plain text (for the German plain text refer to "Anlage 3")
CUTA	926 ¹⁶⁶	CancelUponUnable-ToApply	Request for cancellation because of investigation request	CANCEL UPON UNABLE TO APPLY
UPAY	927 ¹⁶⁶	UnduePayment	Undue payment	UNDUE PAYMENT
BE05	928	UnrecognisedInitiatingParty	Unrecognised initiating party	CREDITOR-ID INCORRECT
BE06	929 ¹⁶⁷	Unknown Endcustomer	Vorlage an falschen Clearing-Partner geschickt	WRONG CLEARING PARTNER
AC13	930	InvalidDebtorAccountType	The payer is a consumer	DEBTOR IS CONSUMER
DNOR	932	Debtor bank is not registered	The bank of the debtor ist not registered in the CSM	DEBTOR BANK NOT REGISTERED
CNOR	933	Creditor bank is not registered	The bank of the debtor ist not registered in the CSM	CDTR BANK NOT REGISTERED
SVNR	934 ¹⁶⁷	ServiceNotRendered	goods or a service was not rendered to the customer	SERVICE NOT RENDERED
AM09	935 ¹⁶⁷	WrongAmount	Amount received is not the amount agreed or expected	WRONG AMOUNT
EMVL	936 ¹⁶⁷	EMV Liability Shift	The card payment is fraudulent and was not processed with EMV technology for an EMV card.	EMV LIABILITY SHIFT
PINL	937 ¹⁶⁷	PIN Liability Shift	The card payment is fraudulent (lost and stolen fraud) and was processed as EMV transaction without PIN verification.	PIN LIABILITY SHIFT
ED05	938 ¹⁶⁷	SettlementFailed	Settlement of the transaction has failed.	SETTLEMENT FAILED

8.2.7.2 Optional specification in the case of GVC 104 and 105:

SEPA Codes	Text key addition	ISO Name	Annotation
-	990	Amendment of mandate	
FRST	991	First direct debit	
RCUR	992	First/Recurrent direct debit	
OOFF	993	One-off direct debit	
FNAL	994	Final direct debit	

¹⁶⁷ Return reason is only allowed in case of GVC 110

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8.2.7.3 Specification in case of GVC 106, 182 and 190

Type of card transaction	SEPA Purpose Code	Text key addition	Annotation	Proposal for plain text in case of GVC 106 and 190 respectively ¹⁶⁸
POS	IDCP / CDDP	011	Card payment	KARTENZAHLUNG
POS Cashback	CDCB	030	Card payment with cash-back	KARTENZAHLUNG
GA	CDCD	003	Cash Disbursement	KARTENZAHLUNG MIT BARAUSSZ.
GA mit direktem Kundenentgelt	CDCS	023	Cash Disbursement with Surcharging	AUSZAHLUNG
POA	MTUP	073	Mobile top up	AUSZAHLUNG MIT KUNDENENTG.
Laden Geldkarte	ETUP	240	E-purse top up	LADEN MOBILFUNK
Summeneinzug Umsätze Geldkarte	CBLK	201	Card bulk clearing	LADEN GELDKARTE
Entgelteinzug Geldkarte	FCOL	210	Fee collection	SUMMENEINZUG GELDKARTE
Gemischter Sammler	--	024	Miscellaneous types of card transactions in one bulk	---

¹⁶⁸ Applies to the use of bank transaction codes (GVC) 106 and 190, respectively: When GVC 182 is used it refers to the reimbursement of the aforesaid transaction. Therefore we propose the plain text WIEDERGUTSCHRIFT

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8.3 MT 942 Interim Transaction Report

Version: SRG 2001

"Interim Transaction Report"; based on SWIFT. "Standards Release Guide" (SRG) 2001
In SRG 2002 and 2003 no amendments were carried out.

8.3.1 Overview (without constant fields)

Se- quen- ce	Sub- Se- quen- ce	Tag	Sta- tus ¹⁶⁹	Contents
		:20:	M	Order reference number
		:21:	O	Reference number
		:25:	M	Account name
		:28C:	M	Statement number
		:34F:	M	Minimum amount (smallest amount of the reported transactions)
		:34F:	C	Minimum amount (smallest amount of the reported credit transac- tions)
		:13D:	M	Creation date/time
			O	Repetitive cycle
		:61:	O	Transactions
		:86:	O	Remittance information field
		:90D:	O	Amount and total of debit postings
		:90C:	O	Amount and total of credit postings

8.3.2 Guidelines for Entries

Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat ¹⁷⁰	Len- gth	Sta- tus ¹⁶⁹	Qu- an- tity	Contents/Explanations
		:20:	Transaction reference number			M	1	
			Tag			M	1	":20:"

¹⁶⁹ M = mandatory field, O = optional field, C = conditional field

¹⁷⁰ a = alpha, any alphabet character from A to Z is allowed, c = character, any character from "A" to "Z" and "0" to "9" is allowed, d = decimal (floating-point number, the integer part must contain at least one digit, a decimal character (comma) is mandatory and included in the maximum length), n = numeric, any numeral from 0 to 9 is allowed, x = alphanumeric (any member of the set of SWIFT characters is allowed)

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 170	Len- gth	Sta- tus 169	Qu- an- tity	Contents/Explanations
			Reference	x	..16	M	1	Reference number as- signed by the sender as a unique identifier for the message (e.g. as refer- ence to cancelled mes- sages). Must not begin or end with "/", and may not contain "//".
		:21:	Related reference			O	1	
			Tag			M	1	":21:“
			Reference	x	..16	M	1	Related reference oder "NONREF" Must not begin or end with "/", and may not contain "//".
		:25:	Account name			M	1	
			Tag			M	1	":25:“
			Bank	x	..35	M	1	
		:28C:	Statement number			M	1	
			Tag			M	1	":28C:“
			Statement number	n	..5	M	1	If statement number is not supported then "0" is in- serted
			Constant			C	1	"/" (only if end identifier used)
			Sheet number	n	..5	O	1	starting with 1
		:34F:	Minimum amount			M	1	Smallest amount of the reported transactions. If lowest debit and credit amount differ, both fields :34F: are to be filled.
			Tag			M	1	":34F:“
			Currency	a	3	M	1	Currency code as per ISO 4217
			Debit/credit ID	a	1	C	1	"D", if debit transaction, otherwise empty
			Amount	d	..15	M	1	
		:34F:	Minimum amount			C	1	Smallest amount of the reported credit transac- tions (only if lowest debit and credit amount differ)
			Tag			M	1	":34F:“
			Currency	a	3	M	1	Currency code as per ISO 4217

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Se- quen ce	Sub- se- quen ce	Tag	Name	For- mat 170	Len gth	Sta- tus 169	Qu- an- tity	Contents/Explanations
			Debit/credit ID	a	1	M	1	"C"
			Amount	d	..15	M	1	
		:13D:	Creation date/time			M	1	
			Tag			M	1	":13D:"
			Creation date	n	6	M	1	YYMMDD
			Creation time	n	4	M	1	hhmm
			Plus or minus sign	x	1	M	1	"+" resp. "-"
			Difference	n	4	M	1	Time zone, represented as "hhmm"
↓ Repetitive cycle as per SWIFT. conventions (start)								
	:61:		Transaction			O	1	
			Tag			M	1	":61:"
			Value Date	n	6	M	1	Value date (YYMMDD) According to the EPC rulebook on SEPA Direct Debit: due date of the collection. Unless the due date is a TARGET business day, the value date is the next TARGET business day following the due date.
			Posting date	n	4	O	1	MMDD
			Debit/credit ID	a	..2	M	1	C = Credit D = Debit RC = Return Credit RD = Return Debit
			Currency type	a	1	O	1	The third letter of the currency code if it is required for distinction.
			Amount	d	..15	M	1	in account currency
			Constant	a	1	M	1	"N"
			Posting key	c	3	M	1	See table "Posting Keys" in paragraph on MT940
			Reference	x	..16	M	1	Customer reference. If not filled in, "NONREF" is inserted (e.g. cheque number) If "KREF+" is inserted, the reference number is specified in Tag :86:.
			Constant			C	1	"//", if bank reference exists
			Bank reference	x	..16	O	1	Bank reference

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Se- quen- ce	Sub- se- quen- ce	Tag	Name	For- mat 170	Len- gth	Sta- tus 169	Qu- an- tity	Contents/Explanations
			Constant			C	1	<CR><LF>, if "further information" exists
			Futher information/ original amount and charges amount ¹⁷¹	x	..34	O	1	Currency type and trans- action amount (original currency amount) in the following format: /OCMT/3a..15d/ and currency type and charges in the following format: /CHGS/3a..15d/ 3a = 3-digit currency code (as per SWIFT ISO 4217) ..15d = amount with comma as decimal separator (as per SWIFT. convention)
	:86:		Remittance information field			O	1	
			Tag			M	1	":86:"
			Narrative	x	..65	M	6	See usage and control guidelines for MT 940 including the associated business transaction codes.
	↑ Repetitive cycle as per SWIFT. conventions (end)							
	:90D:		Number and total of debit postings			O	1	
			Tag			M	1	":90D:"
			Number of debit postings	n	..5	M	1	
			Currency	a	3	M	1	Currency code as per ISO 4217
			Debit amount	d	..15	M	1	
	:90C:		Number and total of credit postings			O	1	
			Tag			M	1	":90C:"
			Number of credit postings	n	..5	M	1	
			Currency	a	3	M	1	Currency code as per ISO 4217
			Credit amount	d	..15	M	1	

¹⁷¹ If the original currency and the currency of the account differ, it is recommended to fill in this field. If the field length is insufficient, additional details may be specified in field 86. In each case original amount and, if available, the amount of charges are to be filled in the same field.

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8.3.3 Example for MT942

Folge	Subfolge	Beispiel
		:20:1234567 :21:9876543210 :25:10020030/1234567 :28C:5/1 :34F:EURD20,50 :34F:EURC155,34 :13D:C1311130945+0000
		:61:1311131113CR155,34NTRFNONREF//55555 :86:166?00SEPA-UEBERWEISUNG?109315 ?20EREF+987654123456?21SVWZ+Invoice no. 123455056?22734 und 123455056735 ?30COLSDE33XXX?31DE91370501980100558000 ?32Max Mustermann :61:1311131113DR20,50NDDTNONREF//55555 :86:105?00SEPA-BASIS-LASTSCHRIFT?109316 ?20EREF+987654123497?21MREF+10023?22CRED+DE5 4ZZZ099999999999?23SVWZ+Insurance premium 2 ?24013?30WELADED1MST?31DE87240501501234567890 ?32XYZ Insurance limited?34991
		:90D:1EUR20,50 :90C:1EUR155,34 -

9 Container Formats

9.1 XML Container

The SEPA container allows for storing multiple, individual SEPA messages in a physical file or to transmit them in one communication connection to or from (e.g. via EBICS) a financial institution. The XML container makes sure that only one type of message is contained in each container. Furthermore, the bank can provide different input channels and customer assignments in the container in order to route a return message to the customer, if necessary.

The individual documents are embedded in message elements in the container. Message elements are labelled with <Msg> and a code which conforms to the message type and consists of three alphanumerical characters. The number of these Msg elements or of the imbedded document elements, respectively, is arbitrary. In addition, "choice" ensures for Msg elements that the container contains exactly one chosen type of document elements.

9.1.1 Calculation and presentation of the hash value

A hash value of the document's content can be added to each message element. The following rules apply for the calculation and presentation of the hash value:

- The hash value is created using the entire contained document, including the opening and closing <document> tag.
- In order to create the hash value, the document is canonised according to Canonical XML, version 1.0 (<http://www.w3.org/TR/2001/REC-xml-c14n-20010315>). There is no obligation to add the document in canonical form to the container.
- On principle, the canonisation of the document has to be executed in the context of the main document in which it is embedded.
- SHA-256 is used as hash algorithm.
- The hash value is entered in hexadecimal form in the <HashValue> tag, capital characters are used for the hexadecimal digits A to F. When using an XML container within the SRZ procedure it is mandatory to specify the hash value (the abbreviation SRZ stands for the German term „Servicerechenzentrum“ meaning “data processing service centre”).

9.1.2 Setting individual prefixes

The setting of individual prefixes of the included namespace is not permitted. In the XML container, referencing has to be executed without a prefix on the level of the included document. Banks are entitled to reject files with prefixes that are individually set.

9.1.3 Overview

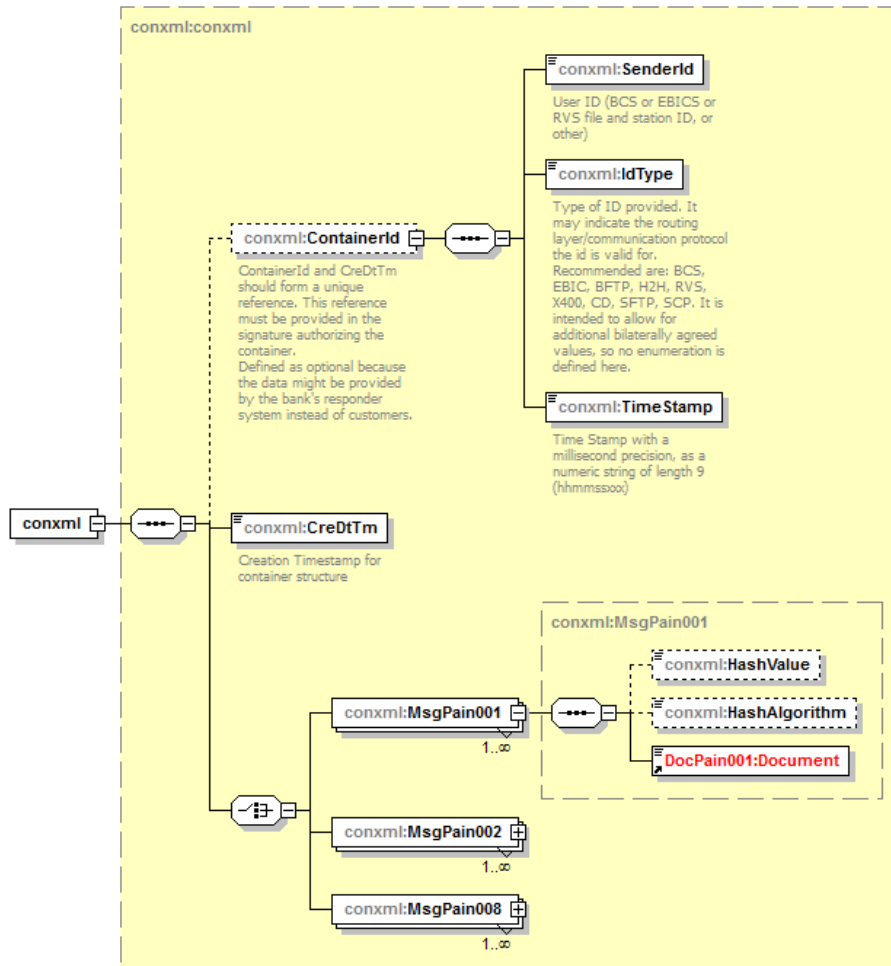


Diagram 71: Overview XML Container

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9.1.3.1 conxml

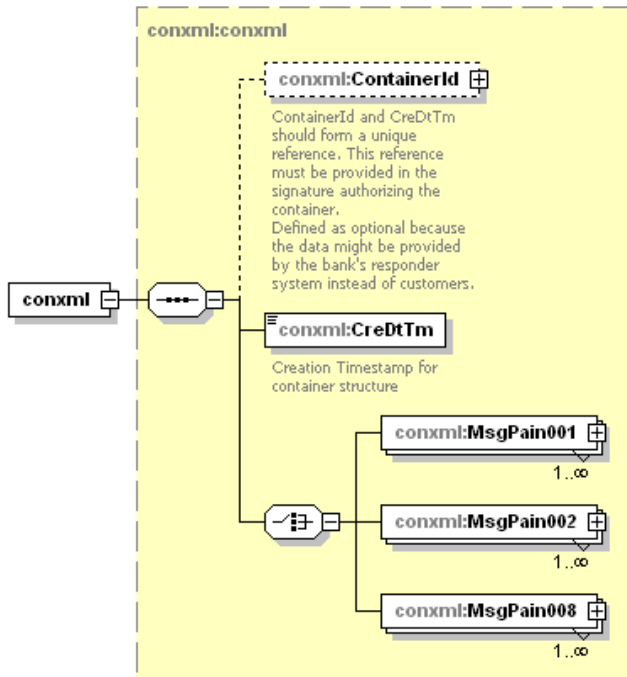


Diagram 72: container.nnn.001.02, conxml

Definition

Container for XML messages.

XML Tag

<conxml>

Occurrences

[1..1]

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Rules

Name	XML Tag	Occurrences	Definition	Type	Rules
ContainerId	<ContainerId>	[0..1]	Refer to 9.1.3.2		<ContainerId> and <CreDtTm> should form a unique reference. Defined as optional because the bank's responder system might provide the data instead of the customer.
CreationDateTime	<CreDtTm>	[1..1]	Time and date of the container's creation.	ISODatetime	Creation Timestamp for container structure
Message	<MsgPain001>, <MsgPain002>, <MsgPain008>	[1..unbounded]	Refer to 9.1.3.3		Selection of the respective XML tag. The maximum number is to be 9,999,999. The specification "unbound" is appended for technical reasons ¹⁷² .

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<conxml xmlns="urn:conxml:xsd:container.nnn.001.02"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:conxml:xsd:container.nnn.001.02
container.nnn.001.02.xsd">
  <ContainerId>
    <SenderId>SENDERID</SenderId>
    <IdType>EBIC</IdType>
    <TimeStamp>115500000</TimeStamp>
  </ContainerId>
  <CreDtTm>2010-12-17T11:55:00.000Z</CreDtTm>
  <MsgPain001>
    <HashValue>D7A8FBB307D7809469CA9ABCB0082E4F8D5651E46D3CDB762D02D0BF37C9E59
2</HashValue>
    <HashAlgorithm>SHA256</HashAlgorithm>
    <Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
      <CstmrCdtTrfInitn>
        <!--content of the first pain message -->
        <!-- ... -->
      </CstmrCdtTrfInitn>
    </Document>
  </MsgPain001>
</conxml>
```

¹⁷² A number of validating XML parsers cannot cope with a very high, but limited number of occurrences of XML elements. These parsers try to allocate memory for every possible occurrence, which leads to an out of memory error.

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```
</MsgPain001>
<MsgPain001>
  <HashValue>D7A8FBB307D7809469CA9ABCB0082E4F8D5651E46D3CDB762D02D0BF37C9E59
2</HashValue>
  <HashAlgorithm>SHA256</HashAlgorithm>
  <Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
    <CstmrCdtTrfInitn>
      <!-- content of the second pain message -->
      <!-- ... -->
    </CstmrCdtTrfInitn>
  </Document>
</MsgPain001>
</conxml>
```

9.1.3.2 Container Id

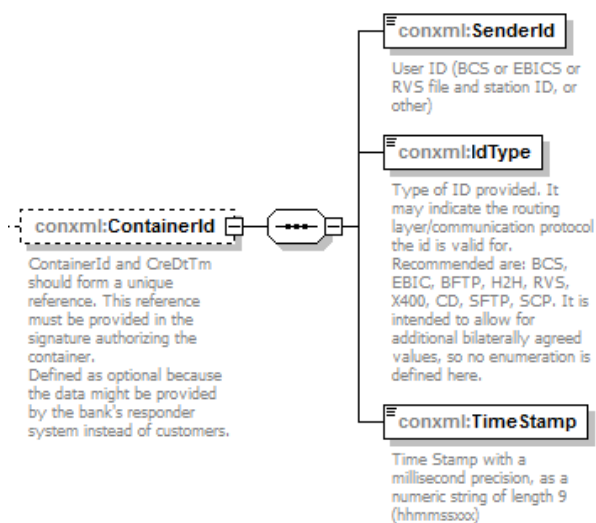


Diagram 73: container.nnn.001.02, Container Id

Definition

Identification of the container.

XML Tag

<ContainerId>

Occurrences

[0..1]

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Rules

Name	XML Tag	Occurrences	Definition	Type	Rules
SenderId	<SenderId>	[1..1]	Identification of the sender	Max22Text	User ID (BCS or EBICS or RVS file and station ID, or other).
IdentificationType	<IdType>	[1..1]	Type of identification	Max4Text	Type of ID provided. It may indicate the routing layer/communication protocol the ID is valid for Recommended are: BCS, EBIC, BFTP, H2H, rvs, X400, CD, SFTP, SCP. It is intended to allow for additional bilaterally agreed values, so no enumeration is defined here.
TimeStamp	<Time-Stamp>	[1..1]	Time	Decimal-Time	Time stamp with a millisecond precision, as a numeric string of length 9 (hhmmssxxx).

Example

```
<ContainerId>  
  <SenderId>SENDERID</SenderId>  
  <IdType>EBIC</IdType>  
  <TimeStamp>115500000</TimeStamp>  
</ContainerId>
```

9.1.3.3 Message

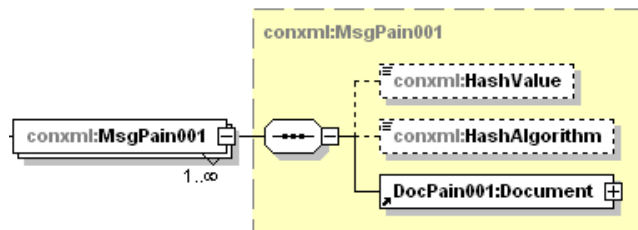


Diagram 74: container.nnn.001.02, message (exemplary selection)

Definition

XML message of the type of “document“ of the selected message element.

XML Tag

<Msg Pain.001> (exemplary selection)

Occurrences

[1..unbounded] (note the limits specified in chapter 2.1.)

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Rules

Name	XML Tag	Occurrences	Definition	Type	Rules
HashValue	<HashValue>	[0..1]	Hash value	conxml:HashSHA256	<p>At this time, the hash value must be calculated using <code>SHA256</code>. Possibly, other hash calculation methods will be permitted at a later time, in which case the hash value entered in this field will have to be calculated with a procedure as in <HashAlgorithm>.</p> <p>Within the SRZ procedure, the specification of the hash value is mandatory.</p>
HashAlgorithm	<HashAlgorithm>	[0..1]	Applied hash algorithm	conxml:HashAlgorithm	<p>At this time, the value is to be definitely allocated using <code>SHA256</code>. Possibly, other hash calculation methods will be permitted at a later time.</p>
Document	<Document>	[1..1]	Refer to 2.2.1.1, 2.2.2.1, 2.2.3.1		<p>This element does not belong to the container namespace, but is imported from the namespace of the contained pain message. We recommend to specify the namespace within the <code>Document</code> tag to avoid the repeated use of a namespace prefix (see example).</p>

Example

```
<MsgPain001>
```

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Appendix 3: Specification of Data Formats

```
<HashValue>D7A8FBB307D7809469CA9ACB0082E4F8D5651E46D3CDB762D02D0BF37C9E59
2</HashValue>
<HashAlgorithm>SHA256</HashAlgorithm>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
  <CstmrCdtTrfInitn>
    <!--content of the first pain message -->
    <!-- ... -->
  </CstmrCdtTrfInitn>
</Document>
</MsgPain001>
```

9.1.4 Transmission of SEPA messages within the XML Container

At present, the XML container (version container.nnn.001.02) can be used in combination with the message types pain.001.001.03, pain.008.001.02, and pain.002.001.03 for SEPA payment transactions. The following table provides an overview of the SEPA messages and the order types which can be transmitted in a container.

9.1.4.1 Order Types

9.1.4.2

Upload order type	Business transaction	Namespace of the SEPA message (DK)
CCC	Credit Transfer Initiation	urn:iso:std:iso:20022:tech:xsd:pain.001.001.03
CDC	Direct Debit Initiation - SEPA core direct debit	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02
C2C	Direct Debit Initiation - SEPA B2B direct debit	urn:iso:std:iso:20022:tech:xsd:pain.008.001.02

SEPA core direct debit refers to the SEPA core direct debit schema. SEPA B2B refers to the SEPA business to business (B2B) direct debit schema.

At the customer-bank interface, the following message types (for the direction bank to customer) are specified for the rejection prior to settlement (rejects):

Download order type	Business transaction	Namespace of the SEPA message (DK)
CRC	Payment Status Report for Credit Transfer	urn:iso:std:iso:20022:tech:xsd:pain.002.001.03
CBC	Payment Status Report for Direct Debit	urn:iso:std:iso:20022:tech:xsd:pain.002.001.03

Moreover, the container allows the customer to send secured SEPA messages (files) without electronic signatures to the bank while having an accompanying note on paper signed by hand which can be assigned unambiguously to the file (BGL method).

The container schema ensures that each XML message contained in the container conforms to one XML message type exactly (e.g. pain.002.001.03).

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When the XML container is used in SEPA payment transactions, the order type defines which business transaction is contained in the container. Especially, it is not permitted to mingle XML messages that do not conform to the same business transaction even if complying to the same schema.

pain.002.001.03:

Either only 'Payment Status Report for Credit' Transfer (CRC) or
'Payment Status Report for Direct Debit' (CBC)

pain.008.001.02:

Either only 'SEPA core direct debit' (CDC) or 'SEPA B2B direct debit' (C2C).

9.2 ZIP Container

9.2.1 Order Types for Downloading Camt.05x Messages

The following order types are defined for downloading camt messages from the financial institution's site:

Order Type	Business Transaction	Namespace of the Camt Message
C52	Bank to Customer Account Report	urn:iso:std:iso:20022:tech:xsd:camt.052.001.02
C53	Bank to Customer Statement	urn:iso:std:iso:20022:tech:xsd:camt.053.001.02
C54	Bank to Customer Debit Credit Notification	urn:iso:std:iso:20022:tech:xsd:camt.054.001.02

ZIP files standing behind the order types are providing the camt.05x messages of a customer for download (e.g. C53 contains all camt.053 messages).

9.2.2 Naming of files

Agreements on the naming of ZIP and camt message files:

When EBICS is applied, the ZIP file's name is predetermined by the EBICS standard. If the procedure is to be applied to other communication standards, the file name has to be stipulated in mutual agreement with the customer. The names of the XML files contained in the ZIP file is structured in the following way:

JJJJ-MM-TT_CCC_KKKKKKKKKKKKKKKKKKKKK_WWW_AAAAAA.xml

The components represent

JJJJ the year

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MM	the month (always two digits, padded with leading zero if necessary)
TT	the day (always two digits, padded with leading zero if necessary)
CCC	the order type, i.e. "C52", "C53", or "C54"
KK...	the account identifier. If there is no IBAN for the account, an 11-digit BIC (8-digit BIC are padded with "XXX" to the right) or the 8-digit German bank code can be used followed in each case by a point "." which in turn is followed by the (national) account number. The point is used because other special characters may not be applicable in foreign (non-German) account numbers.
WWW	the currency symbol according to ISO 4217
AAAAAA	ID, always six digits, padded with leading zeros if necessary. The ID is to ensure the generation of unique file names on a specific date for the customer system. Without the ID component, creating several files for one day would be problematic (for example in the case of a C54 having a larger size than 10 MB).
X...X	(optional) extensions of the file name are permitted after bilateral agreement with the customer. Additionally, up to 12 more digits are permitted

The date `JJJJ-MM-TT` is the day of the composition of the xml file.

Patterns for file names:

For an account with IBAN:

`2008-09-28_C53_DE87200500001234567890_EUR_000001.xml`

For a German account number with bank code:

`2008-09-28_C53_20050000.1234567890_EUR_000001.xml`

For a German account number with BIC:

`2008-09-28_C53_BANKDEFF123.1234567890_EUR_000001.xml`

10 Same-day urgent credit transfers (submission via pain.001)

The submission of same-day urgent credit transfers in currency EUR (within Germany or cross-border) can be facilitated by way of ISO 20022 format pain.001. This constitutes an addition to the use of the DTAUS format by way of EBICS order type DTE and the order type EUE (format DTAZV). DTE and EUE will be omitted completely as of November 2017.

Therefore customers are recommended to migrate to order type CCU and thus the format pain.001 in good time.

With the following modifications to the SEPA-specification according to chapter 2.2.1, the pain.001 schema provided by the DK can be used to for same-day urgent credit transfers:

1. In element group PaymentTypeInformation, only code „URGP“ of the external code list ExternalServiceLevel1Code which is to apply here is permitted for the tag <SvcLvl> (Service Level).
2. For the EBICS communication, the order type CCU specified for this purpose has to be applied (applicable using a format according to schema pain.001.001.03).

Because of different requirements in interbank payment transactions, it cannot be ensured that all data contents are transmitted to their full extent. This pertains especially to the following data elements (details have to be settled with the institution):

Element	XML-Tag	Restrictions
Category Purpose	<CtgyPurp>	No transmission possible
Country and Address Lines Postal Address of Debtor	<Dbtr><PstlAdr><Ctry> and <Dbtr><PstlAdr><AddrLine>	Transmission of up to 70 characters altogether possible
Debtor Identification	<Dbtr><Id>	No transmission possible
Currency of Debtor's Ac- count	<DbtrAcct><Ccy>	No transmission possible
End-To-End-Identification	<EndToEndId>	No transmission possible; customers are recommended to specify this ID in the unstructured remittance infor- mation (Remittance Information, Un- structured) if necessary
Ultimate Debtor	<UltmtDbtr>	No transmission possible
Country and Address Lines Postal Address of Creditor	<Cdtr><PstlAdr><Ctry> and < Cdtr ><PstlAdr><AddrLine>	Transmission of up to 70 characters altogether possible
Creditor Identification	<Cdtr><Id>	No transmission possible
Ultimate Creditor	<UltmtCdtr>	No transmission possible
Purpose Code	<Purp>	No transmission possible