

Danske Bank
EDI Message Specification

Bank Status Message
(EDIFACT D.96A - BANSTA)

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Change log

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1 INTRODUCTION

This specification provides the definition of the Bank Status message (BANSTA) to be used in Electronic Data Interchange (EDI) between trading partners involved in administration, commerce and transport.

2 SCOPE

2.1 Functional Definition

A BANSTA is sent by the Bank to its customer. It is used for communicating status information at application level. A BANSTA is used for all kinds of status information at application level.

2.2 Field of Application

This message may be applied for both national and international settlements.

2.3 Principles

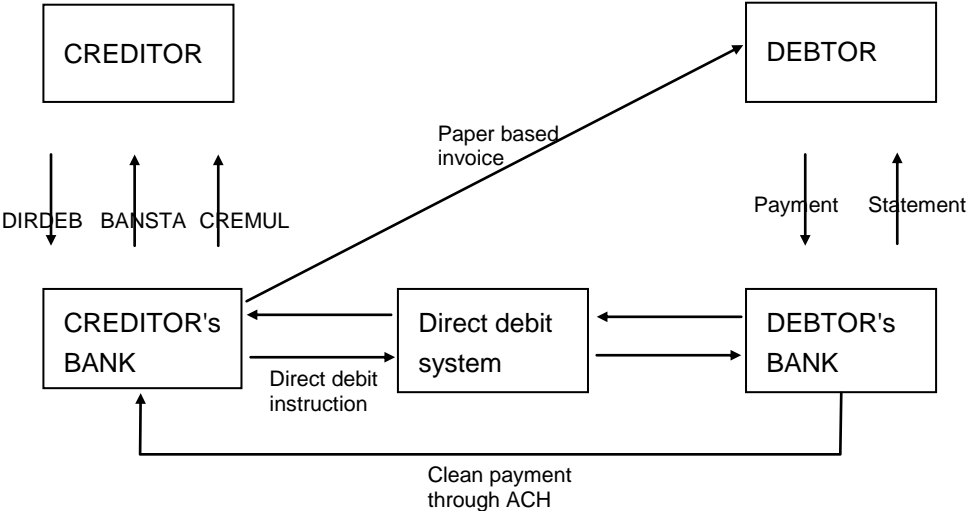
A BANSTA message will always refer to a specific previously-sent message DIRDEB, and BANSTA will only be sent if ordered in the DIRDEB.

A BANSTA is providing information about all collections that are received. It can be an intermediary or final status.

Each collection is only given one reason for rejection in the same BANSTA. That is, if there are several errors in a collection, only the first found is reported. This principle is used since the first error might cause the following or make it impossible to make further interpretation.

2.4 Relation to other messages

The following messages are sent between the involved parties dependent on the type claim (collection).



All initial messages are acknowledged by the recipient using the CONTRL message.

3 MESSAGE DEFINITION

3.1 EDIFACT structure

An EDIFACT interchange can hold one or more messages. To be able to separate data in logical levels within the interchange a set of service segments are used. Service segments all have "UN" as the first two characters in their name.

UNA: Specification of syntax separators.
 UNB and UNZ: Start and termination of interchange.
 UNH and UNT: Start and termination on message.

Data segments contain business information in code or free text. A message is build from data segments, which all together constitute the contents of the message. The Branching Diagram defines which segments a message is constituted of and the order in which they appear.

3.2 Data Segment Clarification

This section should be read in conjunction with the Segment Specification, which indicate mandatory, conditional and repeating requirements of segments, composite data elements and simple elements.

The following semantic principles applying to the message are intended to facilitate the understanding of the message:

The Bank Status message is structured in three levels: A, B, and C.

- A level contains data related to the whole message and is contained in Segment Group 1 through Segment Group 3 and the Heading section.
- B level contains data identifying the message or transaction and is contained in Segment Group 4 through Segment Group 5.
- C level contains information about the status of the direct debit and is contained in Segment Group 6 through Segment Group 8.
- The structure of the message is designed to allow several B levels, each B level being followed by its related C levels. The last level C segment is followed by the termination part of level A.

4 SEGMENT SPECIFICATION

4.1 Explanation

The Segment Table contains the following columns:

| Tag | Name | S | Format | Description |
|-----|------|---|--------|-------------|
|-----|------|---|--------|-------------|

Column 1 Gives the UN/EDIFACT tag number of the composite data element or simple element.

Column 2 Gives the name of the composite data element or simple element.

Column 3 Status indicator. Indicates whether the field (in the Danish interpretation) is:
 M = Mandatory, i.e. the field is defined as 'must be used'.
 C = Conditional, i.e. the field is defined as conditional.
 N = Not used, i.e. no business requirement for the field has been identified.

Column 4 Indicates the format and maximum length of the field:
 a = alphabetic
 n = numeric
 .. = variable length up to the number
 absence of .. = fixed length of the number

Column 5 Gives description of business interpretation and possible codes or values to be used in the field when used with Danske Bank.

4.2 Segment Tables

The rest of this section describes each of the segments in this message.

| | | |
|--------------------|-----|-----|
| UNB | M 1 | UNB |
| Interchange header | | |

Description: Segment identifying the interchange, character set, sender and receiver.

| Tag | Name | S | Format | Description |
|-------------|-------------------------------------|----------|---------------|--|
| UNB | | | | |
| S001 | Syntax identifier | M | | Character set specification. |
| 0001 | Syntax identifier | M | a4 | UNOC = 8 bit ASCII character set containing special danish characters |
| 0002 | Syntax version number | M | n1 | Character set specification. 3 = ISO 9735, 1991-version. |
| S002 | Interchange sender | M | | Sender identification. |
| 0004 | Sender identification | M | an..35 | Receiver identification. Danske Bank is identified by the relevant network operators as: 5790000243440 = DB's EAN number. |
| 0007 | Identification qualifier, coded | C | an..4 | Sender identification type. 14 = EAN number. ZZ = Mutually agreed. |
| 0008 | Internal sub-address | C | an..14 | Not used. |
| S003 | Interchange recipient | M | | |
| 0010 | Recipient identification | M | an..35 | Agreed. |
| 0007 | Identification qualifier, coded | C | an..4 | Sender identification type. 14 = EAN number. ZZ = Mutually agreed. |
| 0014 | Internal sub address | C | an..14 | Not used. |
| S004 | Time for creation of segment | M | | |
| 0017 | Segment creation date | M | n6 | Format YYMMDD. |
| 0019 | Segment creation time | M | n4 | Format TTMM. |
| 0020 | Interchange reference number | M | an..14 | Unique reference number for each sender. |

| | | | | |
|-------------|--|----------|---------------|--|
| S005 | Recipients reference/password | C | | Identification used for access in receivers system. This composite element is not used. |
| 0022 | Receivers reference/password | M | an..14 | |
| 0025 | Receivers reference/password, coded | C | an2 | |
| 0026 | Application reference | C | an..14 | Application reference. DBTS96A = For using the 96.A directory. |
| 0029 | Priority | C | a1 | Not used. |
| 0031 | Request for acknowledgement | C | n1 | Not used. |
| 0032 | Interchange agreement, identification | C | an..35 | Agreement number provided for Danske Bank Collection Service. |
| 0035 | Test indicator | C | n1 | Not used. |

Example: UNB+UNOC:3+5790000243440:14+TEST:ZZ+030129:1036+1747++DBTS96A+++271114'

| | | | | |
|----------------|---|---|---------|-----|
| UNH | M | 1 | Level A | UNH |
| Message header | | | | |

Description A service segment starting the message, uniquely identifying the message and specifying the message type and version The message type code for the Banking status message is BANSTA.

| Tag | Name | S | Format | Description |
|-------------|---|----------|--------|--|
| UNH | | | | |
| 0062 | Message reference number | M | an..14 | Identification of the message by a unique reference number. Data element 0062 in the UNT segment must have the same value. |
| S009 | Message identifier | M | | Specification of message type being sent, followed by the version and release number. |
| 0065 | Message type identifier | M | an..6 | Identification of the EDIFACT message type. BANSTA = Banking status message. |
| 0052 | Message type version | M | an..3 | Identification of the EDIFACT message version. D = Directory. |
| 0054 | Message type release | M | an..3 | Identification of the release number 96A = Release 96 A. |
| 0051 | Controlling agency | M | an..2 | Specification of responsible agency. UN = United Nations. |
| 0057 | Association assigned code | C | an..6 | Not used |
| 0068 | Common access reference | C | an..35 | Not used |
| S010 | Status of the transfer | C | | Not used |
| 0070 | Sequence message transfer number | M | an..2 | Not used |
| 0073 | First/last sequence message transfer indication | C | a1 | Not used |

Example: UNH+1+BANSTA:D:96A:UN'

| | | | |
|----------------------|-----|---------|-----|
| BGM | M 1 | Level A | BGM |
| Beginning of message | | | |

Description A service segment used to indicate the type and function of a message and to transmit the identifying number of the entire message.

| Tag | Name | S | Format | Description |
|-------------|-------------------------------------|----------|--------|--|
| BGM | | | | |
| C002 | Document/message name | C | | Identification of the type of document/message by code or name. This composite element is not used. |
| 1001 | Document/message name, coded | C | an..3 | |
| 1131 | Code list qualifier | C | an..3 | |
| 3055 | Code list responsible agency, coded | C | an..3 | |
| 1000 | Document/message name | C | an..35 | |
| 1004 | Document/message number | C | an..35 | Unique identification of the message. |
| 1225 | Message function, coded | C | an..3 | Not used. |
| 4343 | Response type, coded | C | an..3 | Not used |

Example: BGM++15423'

| | | | |
|------------------|-----|---------|-----|
| DTM | M 1 | Level A | DTM |
| Date/time/period | | | |

Description: A segment specifying the date and if required the time when the message is created.

| Tag | Name | S | Format | Description |
|-------------|-----------------------------------|----------|--------|---|
| DTM | | | | |
| C507 | Date/time/period | M | | Date and/or time, or period relevant to the specified date/time/period type. |
| 2005 | Date/time/period qualifier | M | an..3 | Code giving specific meaning to a date, time or period. 137 = Message date/time. |
| 2380 | Date/time/period | C | an..35 | The value of a date, a date and time, a time or a period in a format as specified in DE/2379. |
| 2379 | Date/time/period format qualifier | C | an..3 | Specification of the format in DE/2380. 102 = CCYYMMDD |

Example: DTM+137:20030129:102'

SG4 M 99

LIN-SG5-SG6

This segment group contains information identifying a message or transaction and the status of the referred message/transaction as well as any reasons clarifying the status.

LIN M 1

Level B

LIN

Line item

Description This segment identifies the beginning of the details related to the previously-sent message by a sequential line number.

| Tag | Name | S | Format | Description |
|-------------|---|----------|--------|---|
| LIN | | | | |
| 1082 | Line item number | C | n..6 | Application generated number of the count of lines in a direct debit. This number starts with 1 in ascending order. |
| 1229 | Action request/notification, coded | C | an..3 | Not used. |
| C212 | Item number identification | C | | This composite element is not used. |
| 7140 | Item number | C | an..35 | |
| 7143 | Item number type, coded | C | an..3 | |
| 1131 | Code list qualifier | C | an..3 | |
| 3055 | Code list responsible agency, coded | C | an..3 | |
| C829 | Sub-line information | C | | This composite element is not used. |
| 5495 | Sub-line indicator, coded | C | an..3 | |
| 1082 | Line item number | C | n..6 | |
| 1222 | Configuration level | C | n..2 | Not used. |
| 7083 | Configuration, coded | C | an..3 | Not used. |

Example: LIN+1'

| | | |
|-------------|---|----|
| SG4 | M | 99 |
| LIN-SG5-SG6 | | |

| | | |
|--|---|---|
| SG5 | C | 5 |
| RFF-DTM | | |
| The DTM-segment in this group is not used. | | |

| | | | | |
|-----------|---|---|---------|-----|
| RFF | M | 1 | Level B | RFF |
| Reference | | | | |

Description: A segment specifying the reference numbers in order to identify a referenced message or transaction.

| Tag | Name | S | Format | Description |
|-------------|--------------------------|----------|--------|--|
| RFF | | | | |
| C506 | Reference | M | | |
| 1153 | Reference qualifier | M | an..3 | Code giving specific meaning to a reference number. CR = Technical reference (CR3 in DIRDEB). MR = Message recipient (The Collection Service creditor identification). |
| 1154 | Reference number | C | an..35 | Unique reference number the meaning of which can be found in DE/1153. |
| 1156 | Line number | C | an..6 | Not used. |
| 4000 | Reference version number | C | an..35 | Not used. |

Example: RFF+CR:3258186214'

SG4 M 99

LIN-SG5-SG6

SG6 C 99

SEQ-GIS-DTM-MOA-CUX-PCD-FTX-DOC-SG7-SG8

This segment group contains information about status of the Direct Debit.

The segments DTM-MOA-CUX-PCD-DOC are not used.

Segment group 7 and 8 are not used.

SEQ M 1

Level C

SEQ

Sequence details

Description A segment identifying the beginning of the specification of the status and related details about the message/transaction by a sequential number.

| Tag | Name | S | Format | Description |
|-------------|-------------------------------------|---|--------|---|
| SEQ | | | | |
| 1245 | Status indicator, coded | C | an..3 | Not used. |
| C286 | Sequence information | C | | |
| 1050 | Sequence number | M | an..6 | The sequence number begins with 1 for each occurrence of a LIN segment. |
| 1159 | Sequence number source, coded | C | an..3 | Not used. |
| 1131 | Code list qualifier | C | an..3 | Not used. |
| 3055 | Code list responsible agency, coded | C | an..3 | Not used. |

Example: SEQ++1'

| | | |
|---------------------|---|----|
| SG4 | M | 99 |
| LIN-SG5-SG6-SG7-SG8 | | |

| | | |
|---|---|----|
| SG6 | C | 99 |
| SEQ-GIS-DTM-MOA-CUX-PCD-FTX-DOC-SG7-SG8 | | |

| | | | | |
|-------------------|---|---|---------|-----|
| GIS | M | 1 | Level C | GIS |
| General indicator | | | | |

Description: A segment specifying the processing status of a referenced message/transaction in a coded form.

| Tag | Name | S | Format | Description |
|-------------|-------------------------------------|----------|--------|---|
| GIS | | | | |
| C529 | Processing indicator | M | | |
| 7365 | Processing indicator, coded | M | an..3 | 1 = Message content accepted. 2 = Message content rejected with comment. |
| 1131 | Code list qualifier | C | an..3 | Not used. |
| 3055 | Code list responsible agency, coded | C | an..3 | ZZZ |
| 7187 | Process type identification | C | an..17 | 130 |

Example: GIS+1:ZZZ:130'

| | | |
|-------------|---|----|
| SG4 | M | 99 |
| LIN-SG5-SG6 | | |

| | | |
|---|---|----|
| SG6 | M | 99 |
| SEQ-GIS-DTM-MOA-CUX-PCD-FTX-DOC-SG7-SG8 | | |

| | | | | |
|-----------|---|---|---------|-----|
| FTX | C | 1 | Level C | FTX |
| Free text | | | | |

Description: A segment providing free text associated with the related GIS segment.

| Tag | Name | S | Format | Description |
|-------------|-------------------------------------|----------|--------|---|
| FTX | | | | |
| 4451 | Text subject qualifier | M | an..3 | Code specifying subject of a free text. AAG = Error description(free text). |
| 4453 | Text function, coded | C | an..3 | Not used. |
| C107 | Text reference | C | | |
| 4441 | Free text, coded | M | an..3 | The text code Note! Accepted collections/debtor amendments are given status code 000 |
| 1131 | Code list qualifier | C | an..3 | Not used. |
| 3055 | Code list responsible agency, coded | C | an..3 | Not used. |
| C108 | Text literal | C | | Free text. |
| 4440 | Free text | M | an..70 | |
| 4440 | Free text | C | an..70 | Not used. |
| 4440 | Free text | C | an..70 | Not used. |
| 4440 | Free text | C | an..70 | Not used. |
| 4440 | Free text | C | an..70 | Not used. |
| 3453 | Language, coded | C | an..3 | ISO 639 two alpha code. |

Example: FTX+AAG+++201:Der findes ingen debitoraftale til kundenummeret'

| | | | | |
|-----------------|---|---|---------|-----|
| UNT | M | 1 | Level A | UNT |
| Message trailer | | | | |

Description A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

| Tag | Name | S | Format | Description |
|-------------|--|----------|--------|---|
| UNT | | | | |
| 0074 | Number of segments in a message | M | n..6 | Number of segments between UNH and UNT both included. |
| 0062 | Message reference number | M | an..14 | This DE must have the same value as DE/0062 in the UNH segment. |

Example: UNT+42+1'

| | | | | |
|---------------------|---|---|---------|-----|
| UNZ | M | 1 | Level A | UNZ |
| Interchange trailer | | | | |

Description A service segment terminating an interchange and controlling that the interchange is complete.

| Tag | Name | S | Format | Description |
|------|-------------------------------------|---|--------|--|
| UNZ | | | | |
| 0036 | Interchange control number | M | n..6 | Number of messages in the interchange. |
| 0020 | Interchange reference number | M | an..14 | Unique reference number identical with that in DE/0020 in the UNB segment. |

Example: UNZ+1+1747'