Danske Bank

EDI Message Specification
Bank Status Message
(EDIFACT D.96A – BANSTA)

Danske Bank A/S, Copenhagen
Danish Business Authority

CVR-no 61 12 62 28

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 to communicate 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.

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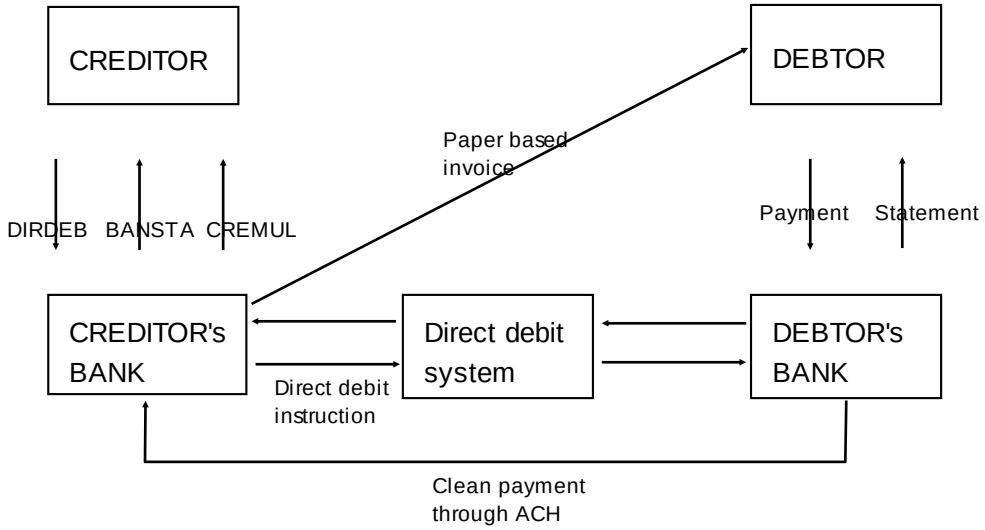
2.4 Relation to other messages

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-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
an = alphanumerical
("a" and/or "n" followed by number represents fixed length of the value
"a" and/or "n" followed by ".." and number represents a variable length up to the max limit)

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

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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 acknowlegdement	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+++27111
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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'

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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 recepient (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'

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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'

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