Danske Bank

Danske Bank
Message Implementation Guide

Control Message
(EDIFACT D.96A – CONTRL)

CONTENTS

Change log

Version	Date	Change
1	2013-10-07	Change log added

1 INTRODUCTION

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

2 SCOPE

2.1 Functional Definition

A CONTRL is sent by the Bank to its customer or vice versa. The message is used on the technical level to report on previously received messages.

2.2 Field of Application

This message may be used with different types of messages. It is based on universal practice and is not dependent on the type of business or industry.

The message is used for:
a) report of syntax check status, rejected or accepted interchange.
b) acknowledgement.

2.3 Principles

A CONTRL message must always refer specifically to one ore more previously-sent message, i.e. PAYMUL, CREMUL or FINSTA.

- If a syntax error is found the whole interchange will be rejected.

- The CONTRL message is created and sent from the Bank immediately after a PAYMUL or PAYEXT have been received and validated.

- A CONTRL message received by the Bank will be registered by the Bank.

- If you specify a CONTRL message in element UNB DE/0031 the message is sent immediately upon EDIFACT conversion.

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.

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   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	Agreed.
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	Receiver identification. Danske Bank is identified by the relevant network operators as: 5790000243440 = DB's EAN number. DKDDB.DDB004 = Identification of DDB on IBM GN.
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 in a 3 month period.
S005	**Recipients reference/password**	**C**		Identification used for access in receivers system.
0022	Receivers reference/password	M	an..14	User number provided by DanskeBank TeleService. This number represents the user — that is, the operator. The number allows the user to access the Bank's systems.
0025	Receivers reference/password, coded	C	an2	Z1 = User number.
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**	Request for an EDIFACT syntax acknowledgement (CONTRL). 1 = Acknowledment is requested. 0 or blank = Acknowledment is not requested.
0032	**Interchange agreement, identification**	**C**	**an..35**	Agreement number provided to the user from DanskeBank TeleService.
0035	**Test indicator**	**C**	**n1**	Specifies that the interchange is a test an that the payments included should not be booked. The validation will be carried out. 1 = Test.

Example: UNB+UNOC:3+TEST:ZZ+5790000243440:14+990310:1036+1747++DBTS96A++1+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 Control message is CONTRL.

Tag	Name	S	Format	Description
UNH				
0062	**Message reference number**	**M**	an..14	Identification of the message by a unique reference number.
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. CONTRL = Control message
0052	Message type version	M	an..3	Identification of the EDIFACT message version. 2 = Version 2
0054	Message type release	M	an..3	Identification of the release number 2 = Release 2
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+CONTRL:2:2:UN'

UCI	M 1			UCI
Reply on interchange				

Description A segment used to identify the interchange which is replied to and the status on it.

This is the only segment between UNH and UNZ.

Tag	Name	S	Format	Description
UCI				
0020	**Interchange reference number**	**M**	an..14	Unique reference of the original interchange.
S002	**Interchange sender**	**M**		
0004	Sender identification	M	an..35	Sender identification.
0007	Identification qualifier, coded	C	an..4	14 = EAN number. ZZ = Mutually defined.
0008	Internal sub-address	C	an..14	Not used.
S003	**Interchange recipient**	**M**		
0010	Recipient identification	M	an..35	Receiver identification.
0007	Identification qualifier, coded	C	an..4	14 = EAN number. ZZ = Mutually defined.
0014	Internal sub address	C	an..14	Not used.
0083	**Status code**	**M**	an..3	Status for the interchange received: 4 = Entire interchange is rejected. 7 = Interchange is accepted. 8 = Interchange is received. Error code is given in DE/0085.
0085	**Error code**	**C**	an..3	Error code. Occurs only if status in DE/0083 is 8. 2 = Syntax and/or syntax version specified in the UNB segment cannot be received.

0013	**Segment name**	C	a3	Name of the referenced segment.
S011		C		This composite element is not used.
0098		M	n..3	
0104		C	n..3	

Example: UCI+1747+TEST:ZZ+5790000243440:14+7'

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'

Rules:

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'

APPENDIX A, Examples

1) Example on CONTRL sent to customer from DB as acknowledge of receipt of PAYMUL:

```
UNA:+,? '
UNB+UNOC:3+5790000243440:14+579000027363:14+990811:1054+990811U017++DBTS96A+++271114'
UNH+648710+CONTRL:2:2:UN'
UCI+11883+579000027363:14+5790000243440:14+7'
UNT+3+648710'
UNZ+1+990811U017'
```

2) Example on CONTRL sent from customer to DB as acknowledge of receipt of FINSTA:

```
UNB+UNOC:3+579000027363:14+5790000243440:14+990811:1307+11889+8956+DBTS96A++1+271114'
UNH+12987+CONTRL:2:1:UN'
UCI+990811U022+5790000243440:14+579000027363:14+7'
UCM+649232+FINSTA:D:96A:UN+7'
UCM+649233+FINSTA:D:96A:UN+7'
UCM+649234+FINSTA:D:96A:UN+7'
UCM+649235+FINSTA:D:96A:UN+7'
UCM+649236+FINSTA:D:96A:UN+7'
UCM+649237+FINSTA:D:96A:UN+7'
UCM+649238+FINSTA:D:96A:UN+7'
UCM+649239+FINSTA:D:96A:UN+7'
UCM+649240+FINSTA:D:96A:UN+7'
UCM+649241+FINSTA:D:96A:UN+7'
UCM+649242+FINSTA:D:96A:UN+7'
UCM+649243+FINSTA:D:96A:UN+7'
UNT+15+12987'
UNZ+1+11889'
```