



Contrl Message ***EDIFACT CONTRL D.97A***

Version 1.0



Document Change Log

Version	Date	Description
1.0	30-JAN-2006	Document Issued



0. TABLE OF CONTENT

0. TABLE OF CONTENT.....	3
1. INTRODUCTION.....	4
2. MESSAGE DEFINITION.....	4
2.1. FUNCTIONAL DEFINITION.....	4
2.2. PRINCIPLES.....	4
2.3. REFERENCES.....	4
2.4. FIELD OF APPLICATION.....	4
3. MESSAGE DESCRIPTION.....	5
3.1. INTRODUCTION.....	5
3.1.1. How to read the documentation.....	5
3.2. SEGMENT TABLE.....	7
3.3. MESSAGE STANDARD DESCRIPTION.....	7
3.4. MESSAGE STRUCTURE.....	7
3.5. DATA SEGMENTS DESCRIPTION.....	11
3.6. MESSAGE EXAMPLE.....	12



1. INTRODUCTION

This document provides the specific description of a subset of the EDIFACT CONTRL D97.A message to be used between a Trading Partner and the Benteler Group.

2. MESSAGE DEFINITION

This document provides the definition of an Acknowledgement/Rejection Advice Message, based on the EDIFACT CONTRL D97.A, to be used in Electronic Data Interchange (EDI) between a Trading Partner and the Benteler Group.

2.1. FUNCTIONAL DEFINITION

The Acknowledgement/Rejection Advice message is a message from a Benteler Supplier to the relevant Benteler application to confirm receipt of the transmitted DELFOR/DELJIT. It is also sent by Benteler to a Supplier to confirm the receipt of a DESADV that was transmitted to Benteler.

2.2. PRINCIPLES

The Acknowledgement/Rejection Advice message intends to:

- advise the recipient that the ASN/Despatch Advice message was received by Benteler.
- advise Benteler that the DELFOR/DELJIT message was received by the recipient.

2.3. REFERENCES

The content of this message is based on:

- the message structure as defined by EDIFACT for the UNSM Acknowledgement/Rejection Advice Message, CONTRL as published in the UN/EDIFACT D97.A Directory.
- the agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.

Benteler has opted for the EDIFACT D97.A Directory and consistently uses this directory for all its EDIFACT messages. Although the AVIEXP subset defined by ODETTE has been based on the EDIFACT D96.A Directory, the subset defined by Benteler and described in this document follows as close as possible the structure of the ODETTE subset.

2.4. FIELD OF APPLICATION

The following definition of an Acknowledgement/Rejection Advice Message in EDIFACT format is applicable for the interchange of receiving advice messages sent by and received by Benteler.



3. MESSAGE DESCRIPTION

The following pages contain a full description of the EDIFACT CONTRL D.97A message as implemented by Benteler. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with Benteler. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc.

3.1. INTRODUCTION

3.1.1. How to read the documentation

All segments in the subset used by Benteler are described in the following pages. The segment description is to be read as follows:

- ❶ **0020 BGM - BEGINNING OF MESSAGE**
- | | | | | |
|---|-----------------------|---|-----------------------|----------------|
| ❷ | Segment group: | none. | Level: | 1. |
| ❸ | EDIFACT status: | mandatory. | Benteler status: | mandatory. |
| ❹ | Maximum use: | 1 per message. | Benteler occurrences: | 1 per message. |
| ❺ | Function: | segment for the unique identification of the delivery schedule document, by means of its name and its number. | | |
| ❻ | Benteler interchange: | see remarks. | | |
| ❼ | Example: | BGM+241+12+5'
A B C | | |

REF	TAG	EDIFACT STANDARD DEFINITION				BENTELER IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
A	C002	DOCUMENT/MESSAGE NAME	C			C		
	1001	Document/message name, coded	C	an...3	:	M	an...3	'241' = Delivery Schedule
	1131	Code list qualifier	C	an...3	:			
	3055	Code list responsible agency, coded	C	an...3	:			
	1000	Document/message name	C	an...35	+			
B	C106	DOCUMENT/MESSAGE identification	C					
	1004	Document/message number	C	an...35	:	M	an...35	Benteler assigned number
	1056	Version	C	an...9	:			
	1060	Revision number	C	an...6	+			
C	1225	MESSAGE FUNCTION, CODED	C	an...3	+	M	an...3	Function of the message. For code values see below.
	4343	RESPONSE TYPE, CODED	C	an...3	'			

🕒 **COMMENTS**

🕒 **CODE VALUES**

LEGEND

- ❶ segment position in the message structure, segment tag and segment name.
- ❷ identification (when applicable) of the segment group in which the segment is situated and indication at which level the segment is in the message.



- ③ status of the segment: as defined by EDIFACT and by Benteler
- ④ number of occurrences of the segment: as defined by EDIFACT and as used by Benteler.
- ⑤ description of the function of the segment as defined by EDIFACT and as used by Benteler
- ⑥ example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.
- ⑦ definition of the segment content as defined by EDIFACT and as implemented by BENTELER.
- ⑧ identification of the data elements in the segment
 - reference to the example.
 - data element tag - data elements with a 'C' denote a composite data element.
 - data element name - *italic CAPITALS* denote a composite data element.
 - **ST** - the status of the data element.
 - **FT** - the format of the data element, i.e. the indication of the number of characters (numerical or alphabetical) for this data element.
 - **SP** - the separator used between the data elements.
 - remarks on the specific use of the data element in the interchange with BENTELER.
- ⑨ shaded areas in the BENTELER description mean that the data element is not used by BENTELER.
- ⑩ the segment description can be followed by:
 - comments providing more information regarding specific data elements and how they must be used and/or understood in messages from BENTELER.
 - code values to be used for data elements contained in the message.



3.2. SEGMENT TABLE

The following table shows the segments defined for the EDIFACT UNSM CONTRL D97.A message. Shaded areas identify the segments that are not used in the subset of CONTRL used by Benteler

POS.	TAG	NAME	ST	REPEATS			
0010	UNH	Message Header	M	1			
0020	UCI	Interchange response	M	1			
0030	UCM	Message response	C	1			
0040	UCS	Segment error Indication	C	1			
0050	UCD	Data element error indication	C	1			
0060	UCF	Functional group response	C	1			
0070	UCM	Message Response	C	1			
0080	UCS	Segment Error Indication	C	1			
0090	UCD	Data Element Error Identification	C	1			
1040	UNT	Message trailer	M	1			

3.3. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message CONTRL as defined in the 97A Directory. These segments used in the subset defined by Benteler and will be further explained in section 3.6.

3.3.1 Header section

Information to be provided in the Header section:

0010 UNH, Message header

A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

0020 UCI, Interchange Response

A segment for unique identification of the Despatch Advice document, by means of its name and its number.

0100 UNT, Message trailer

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

3.4. MESSAGE STRUCTURE

The message structure illustrates how the segments will be repeated in the Shipping Schedule message to accommodate the requirements identified by Benteler.

0010.UNH
0020.UCI
0500.UNT

Start of Acknowledgement Message
Interchange Response
End of Message



0000 UNB - INTERCHANGE HEADER

Segment Group: none Level: 0

EDIFACT status: mandatory Benteler status: mandatory

Maximum use: 1 per interchange Benteler occurrences: 1 per interchange

Function service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange gives date and time of preparation as well as the interchange control reference and the application reference.

Benteler interchange: see remarks.

Example: **UNB+UNOA:2+112836044:01+002345983:01+051212:1057+39++BENTELER'**
 A B C D E F G H



0010 UNH - MESSAGE HEADER

Segment group: none Level: 0

EDIFACT status: mandatory. Benteler status: mandatory.

Maximum use: 1 per message. Benteler occurrences: 1 per message.

Function: service segment starting and uniquely identifying a message. The message type code is CONTRL.

Benteler interchange:

Example: **UNH+1+CONTRL:D:97A:UN'**

A B C D E

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0062	MESSAGE REFERENCE NUMBER	M	an..14	+	M	an..14	Message Control number assigned by the sender to the message.
	S009	MESSAGE IDENTIFIER	M			M		"CONTRL". "D". "97A". "UN".
B	0065	Message type	M	an..6	:	M	an..6	
C	0052	Message version number	M	an..3	:	M	an..3	
D	0054	Message release number	M	an..3	:	M	an..3	
E	0051	Controlling agency	M	an..2	:	M	an..2	
	0057	Association assigned code	C		an..6			+
	0068	COMMON ACCESS REFERENCE	C		an..35			+
	S010	STATUS OF TRANSFER				C	:	
	0070	Sequence of transfer	M	n..2	a1			
	0073	First and last transfer	C					



0500 UNT - MESSAGE TRAILER

Segment group: none Level: 0

EDIFACT status: mandatory Benteler status: mandatory

Maximum use: 1 per message Benteler occurrences: 1 per message

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

Benteler interchange: see remarks.

Example: **UNT+99+1'**

A B

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6		M	n..6	Control count of the number of segments in the message, including UNH and UNT.
B	0062	MESSAGE REFERENCE NUMBER	M	an..14		M	an..14	Number must be identical to UNH - tag 0062

0510 UNZ - INTERCHANGE TRAILER

Segment Group: none Level: 0

EDIFACT status: mandatory Benteler status: mandatory

Maximum use: 1 Benteler occurrences: 1 per interchange

Function: service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.

Benteler interchange: see remarks.

Example: **UNZ+1+39'**

A B

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0036	INTERCHANGE CONTROL COUNT	M	n..6	+	M	n..6	Number of messages in an interchange.
B	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	'	M	an..14	Value must be the same as 0020 - Interchange Control Reference in UNB.



3.5. DATA SEGMENTS DESCRIPTION

This part includes only the segments defined in the standard and used in the subset exchanged between Benteler and its Trading Partners. The segments are described in the same sequence as they appear in the message.

0020 UCI – INTERCHANGE RESPONSE

Segment group: none Level: 1
 EDIFACT status: mandatory Benteler status: mandatory
 Maximum use: 1 per message Benteler occurrences: 1 per message
 Function: segment for unique identification of the Despatch Advice document, by means of its name and its number.
 Benteler interchange: see remarks.

Example: **UCI+12345+123456789:01+988776654:01+7'**
 A B C D E F

EDIFACT STANDARD DEFINITION						BENTELER IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0020	<i>Interchange Control Reference</i>	M	An..14	+	M	An..14	Sender Interchange reference number
	S002	Interchange Sender	M		:			
B	0004	Sender Identification	C	An..35	+	M	An..35	Sender Identification
C	0007	Sender Identification code qualifier	C	An..4	:	M	An..4	Sender Identification Qualifier
	0008	<i>Address for reverse routing</i>	C	An..14				
	S003	Interchange Recipient	C		:	M		
D	0010	Recipient Identification	C	An..35	:	M	An..35	Recipient identification
E	0007	Identification code qualifier	C	An.4	+	M	An..4	Recipient identification qualifier
	0014	Routing address	C	An..14	+			
F	0083	Action code	C	An..3	'	M	An..3	Acknowledgement/Rejection Code

CODE VALUES

0083 - Action codes

- 4 Rejected
- 7 Accepted



3.6. MESSAGE EXAMPLE

Following example is only illustrative and does not necessarily reflect an existing situation. It **MAY NEVER** be used as a basis for programming or implementing this message.

```
UNB+UNOA:2+003456789+112836044+2050305:1600+1234++BENTELER'  
UNH+1+CONTRL:D:97A:UN'  
UCI+4+123456789:01+112836044:01+7' Interchange status  
UNT+23+1'  
UNZ+1+1234'
```

For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted.