



***Ship Schedule***  
***EDIFACT DELJIT D.97A***  
***Version 1.1***

Document Change Log

Version	Date	Description
1.0	30-JAN-2006	Document Issued
1.1	19-MAR-2009	Add additional elements to the PIA segment - PD
		Add Benteler Mexico plant codes

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## 1. INTRODUCTION

This specification provides the definition of the EDIFACT DELJIT D97.A Ship schedule message (DELJIT). This guideline is specifically designed to outline the requirements for the Ship Schedule used by Benteler Automotive NAO.

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## 2. MESSAGE DEFINITION

This document provides the definition of a Ship Schedule Message, based on the EDIFACT DELJIT D.97A, to be used in Electronic Data Interchange (EDI) between Benteler Automotive, NAO and its Trading Partners.

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### 2.1. FUNCTIONAL DEFINITION

The Ship Schedule message is a message from Benteler Automotive, NAO to a Benteler Automotive, NAO Supplier giving details on specific quantities to be delivered to specific delivery points on specific dates and times.

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### 2.2. PRINCIPLES

The Ship Schedule message is intended to:

- specify requirements based on the delivery conditions.
- define the aspects that guarantee synchronization between Benteler Automotive, NAO and the Supplier.

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### 2.3. REFERENCES

The content of this message is based on:

- the message structure as defined by EDIFACT for the Ship Schedule Message DELJIT as published in the UN/EDIFACT D.97A 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 Automotive, NAO has chosen for the EDIFACT D.97A Directory and consistently uses this directory for all its EDIFACT messages.

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### 2.4. FIELD OF APPLICATION

The following definition of a Ship Schedule Message in EDIFACT format is applicable for the interchange of shipping instructions issued by Benteler Automotive, NAO for material deliveries to one or more Benteler Automotive, NAO Operations.



- 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 AUTOMOTIVE, NAO.
- ⑨ shaded areas in the BENTELER AUTOMOTIVE, NAO description mean that the data element is not used by BENTELER AUTOMOTIVE, NAO.
- 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 AUTOMOTIVE, NAO.
  - code values to be used for data elements contained in the message.

### 3.1.2. General remarks

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Following remarks are applicable for the complete documentation:

#### Dates

Unless otherwise specified in the field explanation in the documentation, dates are always expressed as **CCYYMMDD** (qualifier 2379 = 102).

#### Times

Unless otherwise specified in the field explanation in the documentation, times are always expressed as **HHMM**.

### 3.2. SEGMENT TABLE

The following table shows the segments defined for the EDIFACT DELJIT D.97A Delivery Just-in-Time message. Shaded areas identify the segments that are not used in the subset of DELJIT used by BENTELER AUTOMOTIVE, NAO.

POS.	TAG	NAME	ST	REPEATS
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0030	DTM	Date/time/period	M	10
0040	FTX	Free text	C	5
0050		<b>Segment group 1</b>	<b>C</b>	<b>10</b>
0060	RFF	Reference	M	1
0070	DTM	Date/time/period	C	1
0080		<b>Segment group 2</b>	<b>M</b>	<b>20</b>
0090	NAD	Name and address	M	1
0100	LOC	Place/location identification	C	10
0110	FTX	Free text	C	5
0120		<b>Segment group 3</b>	<b>C</b>	<b>5</b>
0130	CTA	Contact information	M	1
0140	COM	Communication contact	C	5
0150		<b>Segment group 4</b>	<b>M</b>	<b>9999</b>
0160	SEQ	Sequence details	M	1
0170	DTM	Date/time/period	C	5
0180	GIR	Related identification numbers	C	99
0190	LOC	Place/location identification	C	5
0200		<b>Segment group 5</b>	<b>C</b>	<b>5</b>
0210	PAC	Package identification	M	1
0220		<b>Segment group 6</b>	<b>C</b>	<b>999</b>
0230	PCI	Package identification	M	1
0240	GIN	Goods identity number	C	10
0250		<b>Segment group 7</b>	<b>M</b>	<b>9999</b>
0260	LIN	Line item	M	1
0270	PIA	Additional product id	M	10
0280	IMD	Item description	C	10
0290	ALI	Additional information	C	5
0300	GIR	Related identification numbers	C	5
0310	TDT	Details of transport	C	5
0320	FTX	Free text	C	5
0330	PAC	Package identification	C	5
0340	DTM	Date/time/period	C	5
0350		<b>Segment group 8</b>	<b>M</b>	<b>5</b>
0360	RFF	Reference	M	1
0370	DTM	Date/time/period	C	1
0380		<b>Segment group 9</b>	<b>C</b>	<b>5</b>
0390	LOC	Place/location identification	M	1
0400		<b>Segment group 10</b>	<b>C</b>	<b>5</b>
0410	CTA	Contact information	M	1
0420	COM	Communication contact	C	5
0430		<b>Segment group 11</b>	<b>M</b>	<b>100</b>
0440	QTY	Quantity	M	1
0450	SCC	Scheduling conditions	C	1
0460	DTM	Date/time/period	C	2
0470		<b>Segment group 12</b>	<b>C</b>	<b>5</b>
0480	RFF	Reference	C	1
0490	DTM	Date/time/period	C	1
0500	UNT	Message trailer	M	1

### 3.3. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DELJIT as defined in the 97A Directory. These segments are used in the subset defined by Benteler Automotive, NAO.

#### 3.3.1 Header section

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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 Delivery just in time message is DELJIT.
- 0020 BGM, Beginning of message**  
A segment for unique identification of the document name and its number.
- 0030 DTM, Date/time/period**  
A segment specifying the date and, when relevant, the time/period for delivery of that sequence, relating to the whole message. The DTM segment must be specified at least once to identify the Delivery Just In Time document date.
- 0080 Segment group 2: NAD-LOC-FTX-SG3**  
A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.
- 0090 NAD, Name and address**  
A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

#### 3.3.2 Detail section

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Information to be provided in the Detail section:

- 0150 Segment group 4: SEQ-DTM-GIR-LOC-SG5-SG7**  
A group of segments providing details related to the delivery sequence. All other segments in this Segment Group 4 following the SEQ segment refer to that sequence.
- 0160 SEQ, Sequence details**  
A segment providing specific details related to the delivery sequence requested by the buyer or recipient of the product.
- 0250 Segment group 7: LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-SG8-SG9-SG11**  
A group of segments providing details of the individual line items to be delivered.
- 0260 LIN, Line item**  
A segment identifying the details of the product/service being delivered e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
- 0270 PIA, Additional product id**  
A segment providing additional product identification.
- 0350 Segment group 8: RFF-DTM**  
A group of segments giving references and where necessary, their dates, relating to the line item.
- 0360 RFF, Reference**  
A segment for referencing document and other numbers related to the line item as specified in the LIN segment.
- 0430 Segment group 11: QTY-SCC-DTM-SG12**  
A group of segments specifying quantity related information for actual delivery.
- 0440 QTY, Quantity**  
A segment to specify pertinent quantities relating to the line item.
- 0460 DTM, Date/time/period**  
A segment indicating the date/time/period details relating to the quantity and schedule details in the line item.
- 0470 Segment group 12: RFF-DTM**  
A group of segments giving references relating to the quantities.



**0480 RFF, Reference**

A segment for referencing the specific product release information e.g. appointment.

**0490 DTM, Date/time/period**

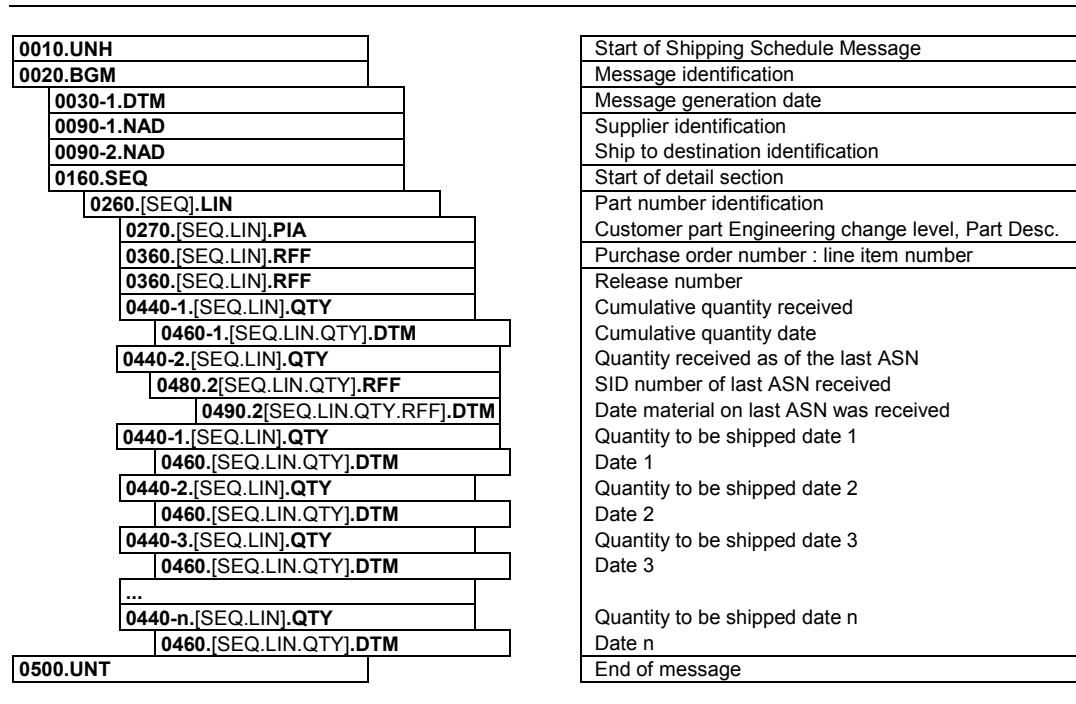
Date/time/period as applied to the referred document.

**0500 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 Ship Schedule message to accommodate the requirements identified by Benteler Automotive, NAO.



# 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++BENTELERNAO'**  
                   A B C D E F G H

EDIFACT STANDARD DEFINITION						Benteler Automotive, NAO IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	S001	SYNTAX IDENTIFIER	M			M		"UNOA". Indication of the syntax version used for this message.
	0001	Syntax identifier	M	a4	:	M	a4	
B	0002	Syntax version number	M	n1	+	M	n1	
C	S002	INTERCHANGE SENDER	M			M		<b>112836044</b> Benteler Communication Code Qualifiers to be determined by trading partner relationship.
	0004	Sender identification	M	an..35	:	M	an..35	
	0007	Identification code qualifier	C	an..4	:	M		
	0008	Address for Reverse Routing	C	an..14	+			
D	S003	INTERCHANGE RECIPIENT	M			M		Communication Code/number of the party receiving the message. Qualifiers to be determined by trading partner relationship.
	0010	Recipient identification	M	an..35	:	M	an..35	
	0007	Identification code qualifier	C	an..4	:	M		
	0014	Routing address	C	an..14	+			
E	S004	DATE / TIME OF PREPARATION	M			M		YYMMDD Format. HHMM Format.
	0017	Date of preparation	M	n6	:	M	n6	
F	0019	Time of preparation	M	n4	+	M	n4	
G	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	+	M	an..14	A <b>UNIQUE</b> number within an inventory year.
	S005	RECIPIENTS REFERENCE PASSWORD	C					
	0022	Recipient's reference / password	M	an..14	:			
	0025	Recipient's reference / password qualifier	C	an2	+			
H	0026	APPLICATION REFERENCE	C	an..14	+	C	an..14	"BENTELERNAO"
	0029	PROCESSING PRIORITY CODE	C	a1	+			
	0031	ACKNOWLEDGEMENT REQUEST	C	n1	+			
	0032	COMMUNICATIONS AGREEMENT ID	C	an..35	+			
	0035	TEST INDICATOR	C	n1	'			

# 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 for the Delivery just in time message is DELJIT.  
 Benteler interchange: see remarks.

Example: **UNH+1+DELJIT:D:97A:UN'**  
           A B C D E

EDIFACT STANDARD DEFINITION						Benteler Automotive, NAO 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		
B	0065	Message type	M	an..6	:	M	an..6	"DELJIT".
C	0052	Message version number	M	an..3	:	M	an..3	"D".
D	0054	Message release number	M	an..3	:	M	an..3	"97A".
E	0051	Controlling agency	M	an..2	:	M	an..2	"UN".
	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	:			
	0073	First and last transfer	C	a1	'			

## 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 Automotive, NAO 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 BGM - BEGINNING OF MESSAGE**

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 document name and its number.  
 Benteler interchange: see remarks.

Example: **BGM+242:::SH+002112511+9'**  
                   A    B    C    D

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C002	DOCUMENT/MESSAGE NAME	C			M		
	1001	Document/message name, coded	C	an..3	:	M	an..3	'242' = Shipping Instructions
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
B	1000	Document/message name	C	an..35	+	M	an..35	"SH" = Shipment based
C	C106	DOCUMENT/MESSAGE IDENTIFICATION	C			M		
	1004	Document/message number	C	an..35	:	M	an..35	Benteler assigned number.
	1056	Version	C	an..9	:			
D	1060	Revision number	C	an..6	+			
	1225	MESSAGE FUNCTION, CODED	C	an..3	+	M	an..3	Function of the message. For code value see below.
	4343	RESPONSE TYPE, CODED	C	an..3	'			

**COMMENTS**

**1000 - Document message/name**

**SH** Shipment Based - actual ship date/time is calculated by Benteler. No calculation is required on the part of the receiver. (SH = Indication for "Ship Schedule")

**1225 - Message function, coded**

**9** Original - This schedule replaces any previous schedule

## 0030 DTM - DATE/TIME/PERIOD

Segment group: none Level: 1  
 EDIFACT status: mandatory Benteler status: mandatory  
 Maximum use: 10 per message at level 1 Benteler occurrences: max. 1 per message  
 Function: segment specifying the date and, when relevant, the time/period for delivery of that sequence, relating to the whole message. The DTM segment is specified once to identify the document date. The date/time/period segment within other segment group(s) is only used whenever the date/time/period requires it to be logically related to another specified data item.

Benteler interchange: there will be 1 occurrences of DTM in position 0030: to specify the message issue date.

Example: **DTM+137:200512120611:203'** document generation date and time  
                   A          B          C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"137" = Document message date
B	2380	Date/time/period	C	an..35	:	M	an..35	Actual issue date of the document.
C	2379	Date/time/period format qualifier	C	an..3	"	M	an..3	"203" = CCYYMMDDHHMM.

## Segment group 2: NAD-LOC-FTX-SG3

Segment group: 2 Level: 1  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 20 per message at level 1 Benteler occurrences: maximum 2 per message  
 Function: group of segments identifying names and addresses and their functions relevant for the whole Message.  
 Benteler interchange: segment LOC is not transmitted in segment group 2.

## 0090 NAD - NAME AND ADDRESS

Segment group: 2 [NAD] Level: 1  
 EDIFACT status: mandatory if segment group 2 is used Benteler status: mandatory  
 Maximum use: 1 per segment group 2 (max. 20) Benteler occurrences: maximum 2 per message  
 Function: segment identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message. Identification of seller and buyer parties is recommended for the Delivery Just In Time.  
 Benteler interchange: the message will contain 2 NAD segments as detailed below. Benteler will always transmit the 'SU' and 'ST'.

Example: **NAD+SU+084559798::16'** Supplier  
**NAD+ST+0449::92++Opelika Plant+4401 North Park Drive+Opelika+AL+26801+US'** Ship To  
                   A B C D E F G H I

EDIFACT STANDARD DEFINITION						BENTELER IMPLEMENTATION			
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS	
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"SU" = Supplier.	
	C082	<i>PARTY IDENTIFICATION DETAILS</i>	C			M			
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the supplier.	
	1131	Code list qualifier	C	an..3	:				
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code values see below.	
	C058	<i>NAME AND ADDRESS</i>	C						
	C080	<i>PARTY NAME</i>	C			C			
D	3036	Party name	M	an..35	:	C	an..35	Name of the party. Not always transmitted.	
<b>REST OF SEGMENT NOT USED.</b>									

### Ship To

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION			
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS	
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"ST" = Ship To.	
	C082	<i>PARTY IDENTIFICATION DETAILS</i>	C			M			
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the plant where the material must be delivered. For code values see below.	
	1131	Code list qualifier	C	an..3	:				
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code values see below.	
	C058	<i>NAME AND ADDRESS</i>	C						
	3124	Name and address line	M	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	+				
D	C080	<i>PARTY NAME</i>	C			M			
	3036	Party name	M	an..35	:	M	an..35	Name of the party	
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3045	Party name format, coded	C	an..3	+				
E	C059	<i>STREET</i>	C			M			
	3042	Street and number/p.o. box	M	an..35	:	M	an..25	Address	
	3042	Street and number/p.o. box	C	an..35	:				
	3042	Street and number/p.o. box	C	an..35	:				
	3042	Street and number/p.o. box	C	an..35	+				
F	3164	CITY NAME	C	an..35	+	M	an..35	City Name	

G	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+	M	an..9	
H	3251	POSTCODE IDENTIFICATION	C	an..9	+	M	an..9	Postal Code, Zip code...
I	3207	COUNTRY, CODED	C	an..3	"	M	an..3	Country Code

**CODE VALUES**

**3039 - Party id. identification**

- 0442 - Hall Street
- 0443 - Hagen Drive
- 0444 - Opelika
- 0445 - Kalamazoo
- 0446 - Goshen
- 0449 - Opelika
- 0452 - Spartanburg
- 0470 - Windsor
- 0471 - Brampton
- 0585 - Hermosillo
- 0586 - Puebla
- 0587 - Saltillo

**3055 - Code list responsible agency, coded**

- 16 DUN & Bradstreet (DUNS)
- 92 Assigned by buyer or buyer's agent.



**Segment group 4: SEQ-DTM-GIR-LOC-SG5-SG7**

Segment group: 4 Level: 1  
 EDIFACT status: mandatory Benteler status: mandatory  
 Maximum use: 9999 per message Benteler occurrences: as required  
 Function: group of segments providing details related to the delivery sequence. All other segments in this segment group 4 following the SEQ segment refer to that sequence.  
 Benteler interchange: see segment description.

**0160 SEQ - SEQUENCE DETAILS**

Segment group: 4 [SEQ] Level: 1  
 EDIFACT status: mandatory when segment group is used Benteler status: mandatory  
 Maximum use: 1 per segment group 4 (max. 9999) Benteler occurrences: 1 per segment group 4  
 Function: segment providing specific details related to the delivery sequence requested by the buyer or recipient of the product.  
 Benteler interchange: SEQ contains a value which has no further meaning for the following segments, it is only used to allow the access to the following segments since SEQ is the trigger segment for the detail section.

Example: **SEQ+6'**  
 A

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1245	STATUS INDICATOR, CODED	C	an..3	+	M	an..3	"6" = Agreement.
	C286	SEQUENCE INFORMATION	C					
	1050	Sequence number	M	an..10	:			
	1159	Sequence number source, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	'			

## Segment group 7: LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-SG8-SG9-SG11

Segment group: 7 [SEQ.SG7] Level: 2  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 9999 per SEQ in segment group 6 Benteler occurrences: as required  
 Function: group of segments providing details of the individual line items to be delivered.  
 Benteler interchange: see segment description.

### 0260 LIN - LINE ITEM

Segment group: 7 [SEQ.LIN] Level: 2  
 EDIFACT status: mandatory if segment group 7 is used Benteler status: mandatory  
 Maximum use: 1 per segment group 7 (max. 9999 per SEQ) Benteler occurrences: 1 per segment group 7  
 Function: segment identifying the details of the product/service being delivered e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.  
 Benteler interchange: see remarks.

Example: **LIN+++612876:IN'**  
           A      B

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	1082	LINE ITEM NUMBER	C	n..6	+			
	1229	ACTION REQUEST/ NOTIFICATION, CODED	C	an..3	+			
A	C212	ITEM NUMBER IDENTIFICATION	C			M		
B	7140	Item number	C	an..35	:	M	an..35	Benteler assigned part number.
	7143	Item number type, coded	C	an..3	:	M	an..3	"IN" = Buyer's item number.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C829	SUB-LINE INFORMATION	C					
	5495	Sub-line indicator, coded	C	an..3	:			
	1082	Line item number	C	n..6	+			
	1222	CONFIGURATION LEVEL	C	n..2	+			
	7083	CONFIGURATION, CODED	C	an..3	'			

# 0270 PIA - ADDITIONAL PRODUCT ID

Segment group: 7 [SEQ.LIN.PIA] Level: 3  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 10 per LIN in segment group 7 Benteler occurrences: 1 per preceding LIN  
 Function: segment providing additional product identification.  
 Benteler interchange: see remarks.

Example: **PIA+1+A:EC+60758-AD GM-15874928:PD'** Change Level  
**PIA+1+--:EC +60758-AD GM-15874928:PD'** No Change Level  
**PIA+1+A:EC'** Change Level, No additional description  
                   A B C                   D                   E

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4347	PRODUCT ID. FUNCTION QUALIFIER	M	an..3	+	M	an..3	"1" = Additional identification
B C	C212	ITEM NUMBER IDENTIFICATION	M			M		Identification of the change level "EC" = Engineering change level.
	7140	Item number	C	an..35	:	M	an..35	
	7143	Item number type, coded	C	an..3	:	M	an..3	
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
D E	C212	ITEM NUMBER IDENTIFICATION	C					Part Number Description 'PD' Additional Part Description
	7140	Item number	C	an..35	:	O	an..22	
	7143	Item number type, coded	C	an..3	:	O	an..3	
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C212	ITEM NUMBER IDENTIFICATION	C					
	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	+			
	C212	ITEM NUMBER IDENTIFICATION	C					
	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	+			

**COMMENTS**

**7140 - Item number – 'EC'**

Depending on the circumstances the composite may contain a – if a change level has not yet been assigned to the part

## Segment group 8: RFF-DTM

Segment group: 8 Level: 3  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 10 per message at level 1 Benteler occurrences: 2 per message  
 Function: group of segments giving references only relevant to the specified party rather than the whole message, e.g. order number.  
 Benteler interchange: only RFF is transmitted in segment group 8

### 0360 RFF - REFERENCE

Segment group: 8 [SEQ,LIN,RFF] Level: 3  
 EDIFACT status: mandatory if segment group 08 is used Benteler status: mandatory  
 Maximum use: 1 per segment group 8 (max. 5) Benteler occurrences: 1 per segment group 8  
 Function: segment for referencing document and other numbers related to the line item as specified in the LIN segment.  
 Benteler interchange: see segment group description

Example: **RFF+ON:5500001950:20'**  
           A      B      C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	"ON" = Order number. Purchase Order number relevant for the article defined in the preceding LIN.
B	1154	Reference number	C	an..35	:	M	an..35	
C	1156	Line number	C	an..6	:	M	An..5	Purchase Order line item Number
	4000	Reference version number	C	an..35	'			

### 0360 RFF - REFERENCE

Description: see description of 1<sup>st</sup> occurrence of segment group 8.

Example: **RFF+AAN:35'**  
           A      B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	"AAN" = Release number. This number corresponds to the release number in the DELFOR.
B	1154	Reference number	C	an..35	:	M	an..35	
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

## Use of segment group 11 in message from Benteler

There may be up to 3 different occurrences of segment group 11:

**CALCULATION INFORMATION**

Cumulative quantity received  
Quantity received on the last ASN

[qualifier 6063 = 70]

[qualifier 6063 = 48]

**SHIPPING INFORMATION**

Quantity to be shipped

[qualifier 6063 = 1]

Each type of occurrence will be detailed separately.

## CALCULATION INFORMATION

### Segment group 11: QTY-SCC-DTM-SG12

Segment group: 11 [SEQ.LIN.SG11] Level: 3  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 100 per LIN in segment group 07 Benteler occurrences: as required.  
 Function: group of segments specifying quantity related information for actual delivery.  
 Benteler interchange: see description of different occurrences of segment group 11.

#### SEGMENT GROUP 11 CUMULATIVE QUANTITY RECEIVED

0440.[SEQ.LIN].QTY

0460.[SEQ.LIN.QTY].DTM

Cumulative quantity received

Cumulative quantity start date

### 0440 QTY - QUANTITY

Segment group: 11 [SEQ.LIN.QTY] Level: 3  
 EDIFACT status: mandatory when segment group 11 is used Benteler status: mandatory  
 Maximum use: 1 per segment group 11 (max. 100 per LIN) Benteler occurrences: 1 per segment group 11  
 Function: segment to specify pertinent quantities relating to the line item.  
 Benteler interchange:

Example: **QTY+70:99999:C62'**  
           A    B    C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	'70' = Cumulative quantity received.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative quantity received
C	6411	Measure unit qualifier	C	an..3	'	M	an..3	For code value see UN/ECE Recommendation no. 20. (e.g. piece = C62)

### 0460 DTM - DATE/TIME/PERIOD

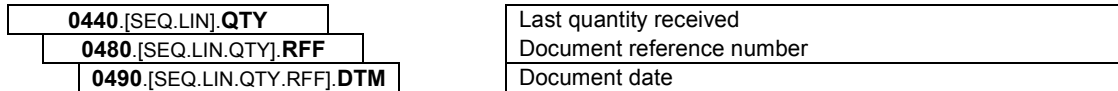
Segment group: 11 [SEQ.LIN.QTY.DTM] Level: 4  
 EDIFACT status: conditional Benteler status: mandatory  
 Maximum use: 2 per QTY Benteler occurrences: 1 per QTY  
 Function: segment providing the date/time/period of the reference.  
 Benteler interchange:

Example: **DTM+51:20051101:102'** Start date  
           A    B    C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	'51' = Cumulative quantity date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Date of cumulative quantity
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	'102' = CCYYMMDD.

**Start date**

**SEGMENT GROUP 11** **LAST QUANTITY RECEIVED**



**0440 QTY - QUANTITY**

Description: see description of 1<sup>st</sup> occurrence of segment group 11.

Example: **QTY+12:99999:C62'**  
A B C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"48" = Last quantity received.
B	6060	Quantity	M	n..15	:	M	n..12	Quantity received
C	6411	Measure unit qualifier	C	an..3	'	M	an..3	For code value see UN/ECE Recommendation no. 20.

**Segment group 12: RFF-DTM**

Segment group: 12 [SEQ.LIN.QTY,SG11]	Level: 4
EDIFACT status: conditional	Benteler status: conditional
Maximum use: 5 per QTY in segment group 11	Benteler occurrences: as required.
Function: group of segments to identify person, function, department and appropriate numbers to whom communication should be directed	
Benteler interchange:	

**0480 RFF - REFERENCE**

Segment group: 12 [RFF]	Level: 4
EDIFACT status: mandatory if segment group 12 is used	Benteler status: conditional
Maximum use: 1 per segment group 1 (max. 10)	Benteler occurrences: 1 per segment group 12
Function: segment for referencing the specific product release information e.g. SID number.	
Benteler interchange:	

Example: **RFF+SI:20303'**  
A B

EDIFACT STANDARD DEFINITION						BENTELER IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	"SI" = SID number.
B	1154	Reference number	C	an..35	:	M	an..35	SID number of the last ASN received.
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			





## SHIPPING INFORMATION

<b>SEGMENT GROUP 11</b>	<b>QUANTITY TO BE SHIPPED</b>
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**0440**. [SEQ.LIN]. QTY

**0460**. [SEQ.LIN.QTY]. DTM

Quantity to be shipped

Requested shipment date/time

### 0440 QTY - QUANTITY

Segment group:	11 [SEQ.LIN.QTY]	Level:	3
EDIFACT status:	mandatory when segment group 11 is used	Benteler status:	mandatory
Maximum use:	1 per segment group 11 (max. 100 per LIN)	Benteler occurrences:	1 per segment group 11
Function:	segment to specify pertinent quantities relating to the line item.		
Benteler interchange:			

Example: **QTY+1:1500:C62'**  
           A    B    C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"1" = Discrete Quantity Actual quantity to be shipped of the product identified in the preceding LIN. For code value see UN/ECE Recommendation no. 20.
B	6060	Quantity	M	n..15	:	M	n..12	
C	6411	Measure unit qualifier	C	an..3	'	M	an..3	

### 0460 DTM - DATE/TIME/PERIOD

Segment group:	11 [SEQ.LIN.QTY.DTM]	Level:	4
EDIFACT status:	conditional	Benteler status:	mandatory
Maximum use:	2 per QTY	Benteler occurrences:	1 per preceding QTY
Function:	segment providing the date/time/period of the reference.		
Benteler interchange:			

Example: **DTM+10:199701010600:203'**  
           A            B            C

EDIFACT STANDARD DEFINITION						Benteler IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"10" = Shipment date/time, requested. Requested shipment date. "203" = CCYYMMDDHHMM.
B	2380	Date/time/period	C	an..35	:	M	an..35	
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	

### 3.6. EXAMPLE OF MESSAGE

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+112836044:01+150146817:01+051212:0735+66++BENTELERNAO'	
UNH+1+DELJIT:D:97A:UN'	
BGM+242+:::SH+002111795+9'	
DTM+137:200512120733:203'	<i>Document issue date and time</i>
NAD+SU+150146817::16'	<i>Supplier ID</i>
NAD+ST+0446::92++Goshen Plant+635 Sprucewood+Goshen+IN+48326+US'	<i>Ship to Destination</i>
SEQ+6'	
LIN+++35674:IN'	<i>Buyers Part Number</i>
PIA+1+F:EC+60758-AD GM-15874928:PD'	<i>Engineering Change Level, Part description</i>
RFF+ON+5500001822:10'	<i>Purchase Order number : Line item Number</i>
RFF+AAN+21'	<i>Release Number</i>
QTY+70:15000:C62'	<i>Cum. quantity received</i>
DTM+51:20051201:102'	<i>Date of cum. quantity</i>
QTY+48:2000:C62'	<i>Quantity Receive on the last ASN</i>
RFF+SI+20303'	<i>Last SID/ASN number received</i>
DTM+50:20051201:102'	<i>Date material on last ASN received</i>
QTY+1:2000:C62'	<i>Quantity to be delivered</i>
DTM+10:200512120700:203'	<i>Requested shipment date and time 1</i>
QTY+1:2500:C62'	<i>Quantity to be delivered</i>
DTM+10:200512130700:203'	<i>Requested shipment date and time 2</i>
QTY+1:3000:C62'	<i>Quantity to be delivered</i>
DTM+10:200512140700:203'	<i>Requested shipment date and time 3</i>
QTY+1:3500:C62'	<i>Quantity to be delivered</i>
DTM+10:200512150700:203'	<i>Requested shipment date and time 4</i>
UNT+24+1'	
UNZ+1+66'	

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