

SECTION

M03

Ship Schedule

DELJIT - SH

EDIFACT DELJIT D.97A

MGO Version



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1. INTRODUCTION

This document provides the specific description of a subset of the EDIFACT DELJIT D97.A message used between a General Motors Operating Company and its Trading Partners.

This guideline is specifically designed to outline the requirements for the Shipping Schedule used by MGO Assembly and Component plants.

2. MESSAGE DEFINITION

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

This documentation is fully comprehensive and allows the implementation of the EDIFACT DELJIT without the necessity for any additional standard related documentation.

2.1. FUNCTIONAL DEFINITION

The Shipping Schedule message is a message from GM to a GM Supplier giving details on specific quantities to be delivered to specific delivery points on specific dates and times.

2.2. PRINCIPLES

The Shipping Schedule message is intended to:

- specify requirements based on the delivery conditions.
- define the aspects that guarantee synchronization between GM and the Supplier.

2.3. REFERENCES

The content of this message is based on:

- the message structure as defined by EDIFACT for the Delivery 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.

General Motors has chosen for the EDIFACT D.97A Directory and consistently uses this directory for all its EDIFACT messages.

2.4. FIELD OF APPLICATION

The following definition of a Shipping Schedule Message in EDIFACT format is applicable for the interchange of shipping instructions issued by GM for material deliveries to one or more GM Operations.

3. MESSAGE DESCRIPTION

Following pages contain a full description of the EDIFACT DELJIT D.97A message as implemented by General Motors. All segments are included regardless whether used or not used in the interchange with General Motors. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with General Motors. 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 General Motors are described in the following pages. The segment description is to be read as follows:

① 0020 BGM - BEGINNING OF MESSAGE

- ② Segment group: none. Level: 1.
- ③ EDIFACT status: mandatory. GM status: mandatory.
- ④ Maximum use: 1 per message. GM occurrences: 1 per message.
- ⑤ Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.
- ⑥ GM interchange: see remarks.
- ⑦ Example: **BGM+241+12+5'**
 A B C

⑦	EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		REMARKS	
	REF	TAG	NAME	ST	FT	SP	ST	FT		
⑧	A	C002	DOCUMENT/MESSAGE NAME	C			C		'241' = Delivery Schedule	
		1001	Document/message name, coded	C	an..3	:	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	+				
B	C106	DOCUMENT/MESSAGE IDENTIFICATION			C				GM assigned release number	
		1004	Document/message number	C	an..35	:	C	an..35		
		1056	Version	C	an..9	:				
		1060	Revision number	C	an..6	+				
C	1225	MESSAGE FUNCTION, CODED			C	an..3	+	C	an..3	Function of the message. For code values see below.
		4343	RESPONSE TYPE, CODED	C	an..3	'				

⑩ COMMENTS

⑩ CODE VALUES

LEGEND

- ① segment position in the message structure, segment tag and segment name.
- ② 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 GM.
- ④ number of occurrences of the segment: as defined by EDIFACT and as used by GM.
- ⑤ description of the function of the segment as defined by EDIFACT and as used by GM.

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

3.1.2. General remarks

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 GM. This table, which should be read in conjunction with the branching diagram indicates the maximum number of occurrences for each segment.

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	Segment group 1		C	10
0060	RFF	Reference	M	1
0070	DTM	Date/time/period	C	1
0080	Segment group 2		C	20
0090	NAD	Name and address	M	1
0100	LOC	Place/location identification	C	10
0110	FTX	Free text	C	5
0120	Segment group 3		C	5
0130	CTA	Contact information	M	1
0140	COM	Communication contact	C	5

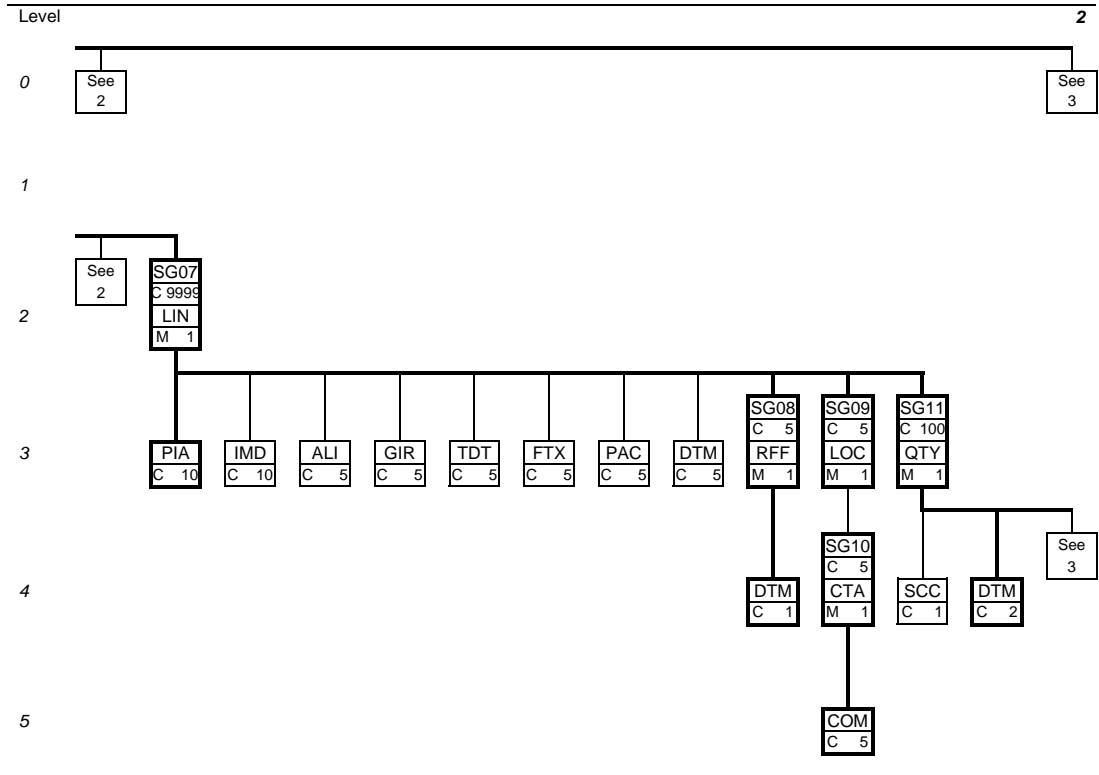
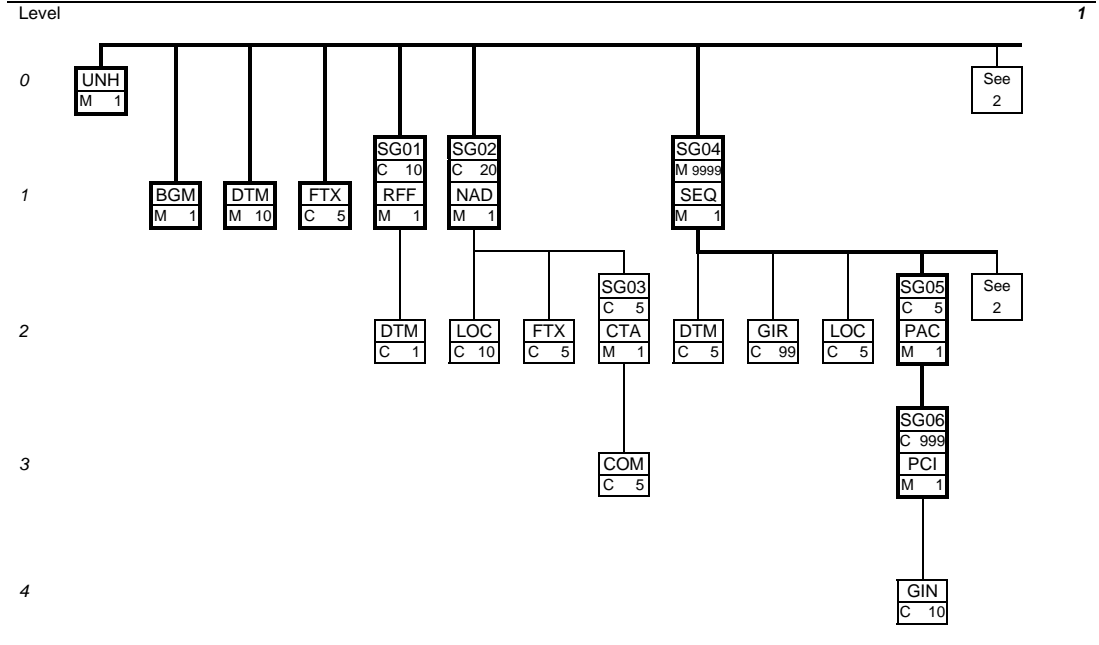
POS.	TAG	NAME	ST	REPEATS
0150		Segment group 4	M	9999
0160	SEQ	Sequence details	M	1
0170	DTM	Date/time/period	C	5
0180	GIR	Related identification numbers	C	99
0190	LOC	Place/location identification	C	5
0200		Segment group 5	C	5
0210	PAC	Package identification	M	1
0220		Segment group 6	C	999
0230	PCI	Package identification	M	1
0240	GIN	Goods identity number	C	10
0250		Segment group 7	C	9999
0260	LIN	Line item	M	1
0270	PIA	Additional product id	C	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		Segment group 8	C	5
0360	RFF	Reference	M	1
0370	DTM	Date/time/period	C	1
0380		Segment group 9	C	5
0390	LOC	Place/location identification	M	1
0400		Segment group 10	C	5
0410	CTA	Contact information	M	1
0420	COM	Communication contact	C	5
0430		Segment group 11	C	100
0440	QTY	Quantity	M	1
0450	SCC	Scheduling conditions	C	1
0460	DTM	Date/time/period	C	2
0470		Segment group 12	C	5
0480	RFF	Reference	M	1
0490	DTM	Date/time/period	C	1
0500	UNT	Message trailer	M	1

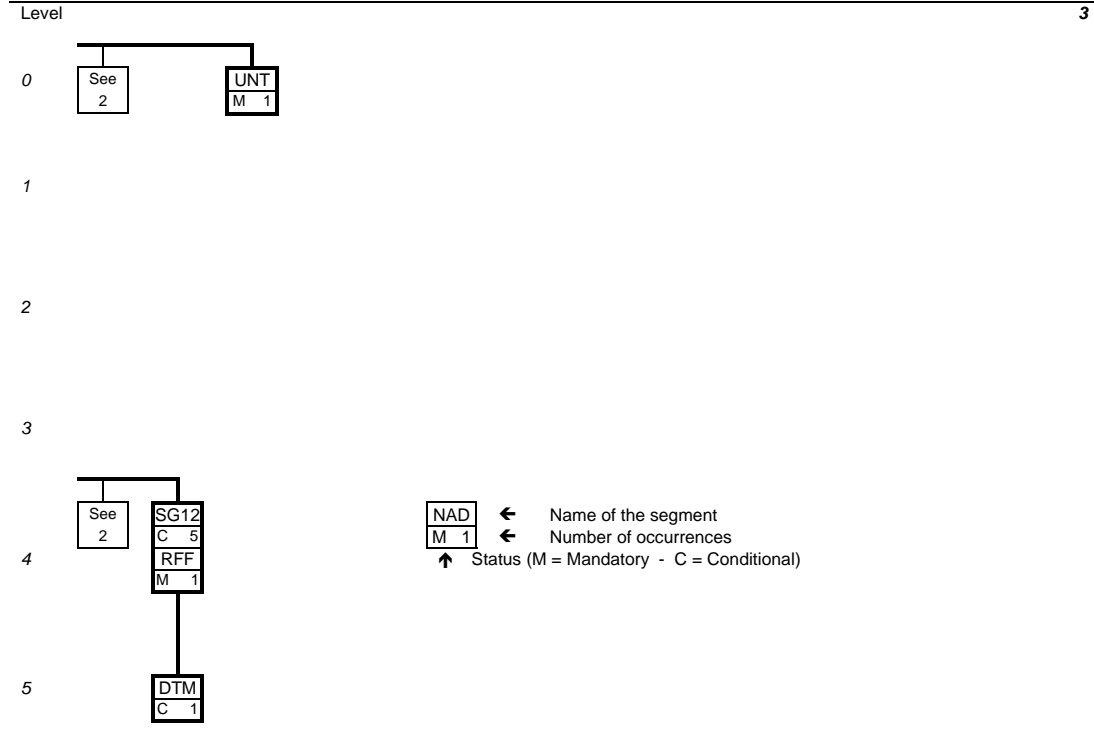
3.3. BRANCHING DIAGRAM

The branching diagram shows the structure of the message. It is a combination of various segments that are organized in a certain hierarchical order.

A segment is a pre-defined set of functionally related values (e.g., segment NAD groups all values that relate to a Party: name - address - etc.)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.





3.4. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DELJIT as defined in the 97A Directory. Only the segments printed in bold are used in the subset defined by GM and will be further explained in section 3.6.

3.4.1 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 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.
- 0040 FTX, Free text**
Segment giving additional information relevant to the entire message.
- 0050 Segment group 1: RFF-DTM**
A group of segments giving references relevant to the whole message, e.g. contract number.
- 0060 RFF, Reference**
A segment for referencing documents to the whole message, e.g. contract, import/export license.

- 0070 DTM, Date/time/period
Date/time/period as applied the referred document.
- 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.
- 0100 LOC, Place/location identification
A segment indicating more details regarding specific place/locations related to the party specified in the NAD segment, e.g. internal site/building number.
- 0110 FTX, Free text
A segment with free text in coded or clear form, to give further clarification, when required, about the party.
- 0120 Segment group 3: CTA-COM
A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.
- 0130 CTA, Contact information
A segment to identify person, function, department to whom communication should be directed.
- 0140 COM, Communication contact
Identify communication types and numbers for person, function, department identified in CTA.

3.4.2 Detail section

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.
- 0170 DTM, Date/time/period
A segment specifying the date, and when relevant, the time/period for delivery of that sequence.
- 0180 GIR, Related identification numbers
A segment to be able to give related identification numbers.
- 0190 LOC, Place/location identification
A segment identifying a general location to which products, as specified in the Segment Group 7, should be delivered.
- 0200 Segment group 5: PAC-SG6**
Segment group to support KANBAN operation where customers must notify a supplier packaging labels and conditions.
- 0210 PAC, Package**
To describe the number and type of packages/physical units.
- 0220 Segment group 6: PCI-GIN**
A segment group giving packaging identification and good identity number related to the segment PAC.
- 0230 PCI, Package identification**
To specify markings and labels on individual packages or physical units.
- 0240 GIN, Goods identity number
To give specific identification numbers, either as single numbers or ranges.
- 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.
- 0280 IMD, Item description**
A segment for describing the product to be delivered.
- 0290 ALI, Additional information**
A segment indicating that the line item is subject to special conditions owing to origin, customs preference, or commercial factors.
- 0300 GIR, Related identification numbers**
A segment providing sets of related identification numbers for the line item.
- 0310 TDT, Details of transport**
A segment specifying the carriage, and the mode and means of transport of the goods to be delivered.
- 0320 FTX, Free text**
A segment with free text in coded or clear form, to give further clarification, when required, to the line group.
- 0330 PAC, Package**
Segment giving information related to the instruction for package type which is valid for the specified deliveries of the line item.
- 0340 DTM, Date/time/period**
A segment specifying the date, and when relevant, the time/period for delivery of line item.
- 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.
- 0370 DTM, Date/time/period**
Date/time/period as applied to the referred document.
- 0380 Segment group 9: LOC-SG10**
A group of segments providing delivery location information and where relevant contacts.
- 0390 LOC, Place/location identification**
A segment indicating more details regarding specific locations related to the line item.
- 0400 Segment group 10: CTA-COM**
A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.
- 0410 CTA, Contact information**
A segment to identify person, function, department to whom communication should be directed.
- 0420 COM, Communication contact**
Identify communication types and numbers for person, function, department identified in CTA.
- 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.
- 0450 SCC, Scheduling conditions**
A segment indicating the scheduling conditions.
- 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.

3.5. MESSAGE STRUCTURE

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

0010.UNH	Start of Shipping Schedule Message
0020.BGM	Message identification
0030-1.DTM	Message generation date
0030-2.DTM	Horizon start date
0030-3.DTM	Horizon end date
0040.FTX	Free text
0060.RFF	Reference to Delivery Instruction (DELFOR)
0090-1.NAD	Supplier identification
0090-2.NAD	Ship to identification
0090-3.NAD	Material release issuer
0090-4.NAD	Ship from identification (Delivery Party)
0090-5.NAD	Ordered by
0160.SEQ	Start of detail section
0210.[SEQ].PAC	Package details
0230.[SEQ.PAC].PCI	Shipping marks
0260.[SEQ].LIN	Part number
0270.[SEQ.LIN].PIA	Record keeping year / customer part number
0360.[SEQ.LIN].RFF	Purchase order number (GME AMK)
0370.[SEQ.LIN.RFF].DTM	Purchase order date (GME AMK)
0390-1.[SEQ.LIN].LOC	Dock identification
0390-2.[SEQ.LIN].LOC	Material handling code
0410.[SEQ.LIN.LOC].CTA	Contact person id.
0420.[SEQ.LIN.LOC.CTA].COM	Communication Information
0440-1.[SEQ.LIN].QTY	Previous cumulative quantity
0460-1.[SEQ.LIN.QTY].DTM	Cumulative quantity calculation start date
0460-2.[SEQ.LIN.QTY].DTM	Cumulative quantity calculation end date
0440-2.[SEQ.LIN].QTY	Cumulative quantity shipped year to date
0460-1.[SEQ.LIN.QTY].DTM	Cumulative quantity start date
0460-2.[SEQ.LIN.QTY].DTM	Date of last ASN
0440-3.[SEQ.LIN].QTY	Last dispatch quantity (GME AMK)
0480.[SEQ.LIN.QTY].RFF	Reference number of document (GME AMK)
0490.[SEQ.LIN.QTY.RFF].DTM	Date of referenced document (GME AMK)
0440-4.[SEQ.LIN].QTY	Quantity to be shipped date 1
0460.[SEQ.LIN.QTY].DTM	Date 1
0440-5.[SEQ.LIN].QTY	Quantity to be shipped date 2
0460.[SEQ.LIN.QTY].DTM	Date 2
0440-6.[SEQ.LIN].QTY	Quantity to be shipped date 3
0460.[SEQ.LIN.QTY].DTM	Date 3
...	
0440-3.[SEQ.LIN].QTY	Quantity to be shipped date n
0460.[SEQ.LIN.QTY].DTM	Date n
0500.UNT	End of message

3.6. SERVICE SEGMENTS DESCRIPTION

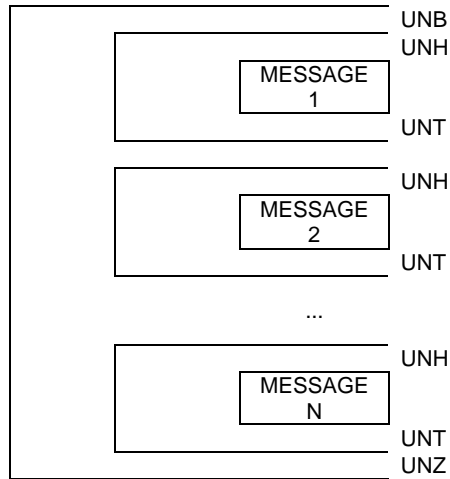
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.

EXAMPLE OF AN INTERCHANGE STRUCTURE



0000 UNB - INTERCHANGE HEADER

Segment Group: none Level: 0
 EDIFACT status: mandatory GM status: mandatory
 Maximum use: 1 per interchange GM 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.
 GM interchange: see remarks.

Example: **UNB+UNOA:2+MBXNOGM+MBXNOSUPPLIER+970607:0735+SHSH030++MGO'**
 A B C D E F G H

EDIFACT STANDARD DEFINITION						GM 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		Communication Code/Mailbox number of the party originating the message.
	0004	Sender identification	M	an..35	:	M	an..35	
	0007	Identification code qualifier	C	an..4	:			
D	0008	Address for Reverse Routing	C	an..14	+			
	S003	INTERCHANGE RECIPIENT	M			M		Communication Code/Mailbox number of the party receiving the message.
	0010	Recipient identification	M	an..35	:	M	an..35	
0007	Identification code qualifier	C	an..4	:				
E	0014	Routing address	C	an..14	+			
	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	For structure of the ICR number used by GM see COMMENTS below. The ICR number is UNIQUE within an inventory year.
	S005	RECIPIENTS REFERENCE PASSWORD	C					
	0022	Recipient's reference / password	M	an..14	:			
H	0025	Recipient's reference / password qualifier	C	an2	+			
	0026	APPLICATION REFERENCE	C	an..14	+	C	an..14	"MGO"
	0029	PROCESSING PRIORITY CODE	C	a1	+			
	0031	ACKNOWLEDGEMENT REQUEST	C	n1	+			
	0032	COMMUNICATIONS AGREEMENT ID	C	an..35	+			
	0035	TEST INDICATOR	C	n1	'			

Deleted: No comments
 Deleted: No comments.

COMMENTS

0020 - Interchange Control Reference

The Interchange Control Reference number used by General Motors consists of 4 digits for the message identification(SHSH = Shipping Schedule) and 3 digits for the Julian day. (Julian day = identification of a specific day whereby January 1 = 001 and December 31 = 365/366).

0010 UNH - MESSAGE HEADER

Segment group: none
 EDIFACT status: mandatory.
 Maximum use: 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.
 GM interchange: see remarks.

Level: 0
 GM status: mandatory.
 GM occurrences: 1 per message.

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

EDIFACT STANDARD DEFINITION						GM 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	+			
F	0068	COMMON ACCESS REFERENCE	C	an..35	+	C	an..35	"SH" = Indication for "Ship Schedule" See comments.
	S010	STATUS OF TRANSFER	C					
	0070	Sequence of transfer	M	n..2	:			
	0073	First and last transfer	C	a1	+			

COMMENTS

0062 - Message Reference Number

The Message Reference number used by General Motors is structured as follows:

First message: 1
 Second message: 2
 max.: 9999

0068 - Common Access Reference

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

0500 UNT - MESSAGE TRAILER

Segment group: none
 EDIFACT status: mandatory
 Maximum use: 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.
 GM interchange: see remarks.
 Example: **UNT+99+1'**
 A B

EDIFACT STANDARD DEFINITION						GM 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 GM status: mandatory
 Maximum use: 1 GM 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.
 GM interchange: see remarks.
 Example: **UNZ+1+SHSH030'**
 A B

EDIFACT STANDARD DEFINITION						GM 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.

3.7. DATA SEGMENTS DESCRIPTION

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

The EDIFACT DELJIT segments that are not used in the subset used by GM are included in alphabetical sequence under item 3.9.

0020 BGM - BEGINNING OF MESSAGE

Segment group: none
 EDIFACT status: mandatory
 Maximum use: 1 per message
 Function: segment for unique identification of the document name and its number.
 GM interchange: see remarks.

Level: 1
 GM status: mandatory
 GM occurrences: 1 per message

Example: **BGM+:::SH+9723412+5'**
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		REMARKS
REF	TAG	NAME	ST	FT	SP	ST	FT	
	C002	DOCUMENT/MESSAGE NAME	C			C		
	1001	Document/message name, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
A	1000	Document/message name	C	an..35	+	M	an..35	"SH" = Shipment based. See comments.
	C106	DOCUMENT/MESSAGE IDENTIFICATION	C			M		
B	1004	Document/message number	C	an..35	:	M	an..35	GM assigned release number. Format: "YYDDSS" whereby YY is last 2 digits of year, DDD is the Julian day, SS is a sequence no. See also comments.
	1056	Version	C	an..9	:			
	1060	Revision number	C	an..6	+			
C	1225	MESSAGE FUNCTION, CODED	C	an..3	+	C	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 the GM customer. No calculation is required on the part of the receiver. (SH = Indication for "Ship Schedule")

1004 - Document message/number

The Document/message number used by General Motors consists of 2 digits for the year indication, 3 digits for the Julian day and 2 digits for a sequence number. (Julian day: identification of a specific day whereby January 1 = 001 and December 31 = 365/366).

CODE VALUES

1225 - Message function, coded

- 4 Change (message contains items that must be changed in a previous message).
- 5 This schedule replaces the previous schedule.

0030 DTM - DATE/TIME/PERIOD

Segment group: none
 EDIFACT status: mandatory
 Maximum use: 10 per message at level 1
 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 at least once to identify the Delivery Just In Time document date. The date/time/period segment within other segment group(s) is only used whenever the date/time/period requires to be logically related to another specified data item.

GM interchange: there may be max. 3 occurrences of DTM in position 0030: to specify the message issue date, one to specify the horizon start date and one to specify the horizon end date.

Level: 1
 GM status: mandatory
 GM occurrences: max. 3 per message

Example: **DTM+137:19970611:102'** document generation date
DTM+158:19970616:102' horizon start
DTM+159:19970727:102' horizon end
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Document generation date.

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	"102" = CCYYMMDD.

Horizon start date.

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	"158" = Horizon start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of planning horizon.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

Horizon end date.

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	"159" = Horizon end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	End date of planning horizon.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

0040 FTX - FREE TEXT

Segment group: none
 EDIFACT status: conditional
 Maximum use: 5 per message
 Function: segment giving additional information relevant to the entire message.
 GM interchange: see remarks.

Level: 1
 GM status: conditional
 GM occurrences: maximum 5 per message

Example: **FTX+AAI+++TEXT'**
 A B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4451	TEXT SUBJECT QUALIFIER	M	an..3	+	M	an..3	"AAI" = General information.
	4453	TEXT FUNCTION, CODED	C	an..3	+			
	C107	TEXT REFERENCE	C					
	4441	Free text, coded	M	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
B	C108	TEXT LITERAL	C			C		
	4440	Free text	M	an..70	:	M	an..70	Textual information.
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	+			
	3453	LANGUAGE, CODED	C	an..3	+			

Segment group 1: RFF-DTM

Segment group: 1
 EDIFACT status: conditional
 Maximum use: 10 per message at level 1
 Function: group of segments giving references only relevant to the specified party rather than the whole message, e.g. contract number.
 GM interchange: only RFF is transmitted in segment group 1.

Level: 1
 GM status: conditional
 GM occurrences: 1 per message

0060 RFF - REFERENCE

Segment group: 1 [RFF]
 EDIFACT status: mandatory if segment group 1 is used
 Maximum use: 1 per segment group 1 (max. 10)
 Function: segment for referencing documents to the whole message, e.g. contract, import/export license.
 GM interchange: see remarks.

Level: 1
 GM status: mandatory
 GM occurrences: 1 per segment group 1

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" = Delivery Schedule number. This number corresponds to the release number in the DELFOR message [BGM-1004].
B	1154	Reference number	C	an..35	:	C	an..35	
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

Segment group 2: NAD-LOC-FTX-SG3

Segment group: 2 Level: 1
 EDIFACT status: conditional GM status: conditional
 Maximum use: 20 per message at level 1 GM occurrences: maximum 5 per message
 Function: group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.
 GM 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 GM status: mandatory
 Maximum use: 1 per segment group 2 (max. 20) GM occurrences: 1 per segment group 02
 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. the message may contain up to 5 NAD segments as detailed below. GM will always transmit the 'MI', 'SU' and 'ST' and may, if necessary, also send 'SI' and 'OB'.
 GM interchange:

Example: **NAD+MI+88122** **::92'** Material issuer
NAD+SU+084559798::16++Supplier Name' Supplier
NAD+ST+72443 **::92++OPEL POLAND'** Ship To
NAD+OB+999 **::16++ORIGINATING ENTITY'** Ordered by
 A B C D

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Planning schedule/material release issuer.

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"MI" = Material Issuer. Identifies the issuer of the preceding DELFOR.
B	C082	<i>PARTY IDENTIFICATION DETAILS</i>	C			C		
	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the issuer of the schedule. For code value see below.
C	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
D	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	+			
	C080	<i>PARTY NAME</i>	C			C		
	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
	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	+			
	C059	<i>STREET</i>	C					
	3042	Street and number/p.o. box	M	an..35	:			
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	+				
3164	CITY NAME	C	an..35	+				
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+				
3251	POSTCODE IDENTIFICATION	C	an..9	+				
3207	COUNTRY, CODED	C	an..3	'				

0090 NAD - CONTINUED

Schedule Issuer

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"SI" = Schedule Issuer.
	C082	PARTY IDENTIFICATION DETAILS	C			C		
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 value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

Supplier

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"SU" = Supplier.
	C082	PARTY IDENTIFICATION DETAILS	C			C		
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 value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

Ship To

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"ST" = Ship to.
	C082	PARTY IDENTIFICATION DETAILS	C			C		
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 value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

Ordered by. Only used for Ship Direct

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"OB" = Ordered by.
	C082	PARTY IDENTIFICATION DETAILS	C			C		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ordering party.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

CODE VALUES

3039 - Party id. identification [NAD 1st and 3rd occurrence]

Individual notification by the Implementation Plant

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 GM status: mandatory
 Maximum use: 9999 per message GM 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.
 GM interchange: see segment description.

0160 SEQ - SEQUENCE DETAILS

Segment group: 4 [SEQ] Level: 1
 EDIFACT status: mandatory when segment group is used GM status: mandatory
 Maximum use: 1 per segment group 4 (max. 9999) GM 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.
 GM 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						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	1245	STATUS INDICATOR, CODED	C	an..3	+	C	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 5: PAC-SG6

Segment group: 5 [SEQ.SG5] Level: 2
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per SEQ in segment group 4 GM occurrences: 1 per preceding SEQ
 Function: group of segments to support KANBAN operation where customers must notify a supplier packaging labels and conditions.
 GM interchange: this segment group is used to transmit supplier packaging labels and conditions when required.

0210 PAC - PACKAGE

Segment group: 5 [SEQ.PAC] Level: 2
 EDIFACT status: mandatory if segment group 5 is used GM status: mandatory
 Maximum use: 1 per segment group 5 (max. 5 per SEQ) GM occurrences: 1 per segment group 5
 Function: segment describing the number and type of packages/physical units.
 GM interchange: see remarks.
 Example: **PAC++:67'**
 A

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		REMARKS
		NAME	ST	FT	SP	ST	FT	
A	7224	NUMBER OF PACKAGES	C	n..8	+			
	C531	PACKAGING DETAILS	C					
	7075	Packaging level, coded	C	an..3	:			
	7233	Packaging related information, coded	C	an..3	:	C	an..3	"67" = Tagging/ Bar code instructions
	7073	Packaging terms and conditions, coded	C	an..3	+			
	C202	PACKAGE TYPE	C					
	7065	Type of packages identification	C	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	7064	Type of packages	C	an..35	+			
	C402	PACKAGE TYPE IDENTIFICATION	C					
	7077	Item description type, coded	M	an..3	:			
	7064	Type of packages	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	7064	Type of packages	C	an..35	:			
7143	Item number type, coded	C	an..3	+				
C532	RETURNABLE PACKAGE DETAILS	C						
8395	Returnable package freight payment responsibility, coded	C	an..3	:				
8393	Returnable package load contents, coded	C	an..3	'				

Segment group 6: PCI-GIN

Segment group: 6 [SEQ.PAC.SG6] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 999 per PAC in segment group 5 GM occurrences: max. 8 per PAC.
 Function: group of segments giving packaging identification and good identity number related to the segment PAC.
 GM interchange: only segment PCI is used by GM. Max. 8 occurrences of segment group 6 may occur to provide full labeling instructions.

0230 PCI - PACKAGE IDENTIFICATION

Segment group: 6 [SEQ.PAC.PCI] Level: 3
 EDIFACT status: mandatory if segment group 6 is used GM status: mandatory
 Maximum use: 1 per segment group 6 (max. 999 per PAC) GM occurrences: 1 per segment group 6
 Function: segment specifying markings and labels on individual packages or physical units.
 GM interchange: see remarks.

Example:

PCI++DOCK NUMBER ++11Z::167'
 PCI++LINE FEED LOCATION++12Z::167'
 PCI++41265 ++13Z::167'
 PCI++PART NAME ++14Z::167'
 PCI++WIDGETS ++15Z::167'
 PCI++DELIVER TO ++16Z::167'
 PCI++STOCK21 ++17Z::167'
 A B C D

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4233	MARKING INSTRUCTIONS, CODED	C	an..3	+			
	C210	MARKS & LABELS	C					
B	7102	Shipping marks	M	an..35	:	M	an..35	Shipping marks as instructed by GM.
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	+			
	8275	CONTAINER/PACKAGE STATUS, CODED	C	an..3	+			
	C827	TYPE OF MARKING	C			C		
C	7511	Type of marking, coded	M	an..3	:	M	an..3	GM will use codes 11Z through 17Z to indicate relative position on the label.
	1131	Code list qualifier	C	an..3	:			
D	3055	Code list responsible agency, coded	C	an..3	'	C	an..3	"167" = US, AIAG (Automotive Industry Action Group)

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 GM status: conditional
 Maximum use: 9999 per SEQ in segment group 6 GM occurrences: as required
 Function: group of segments providing details of the individual line items to be delivered.
 GM interchange: see segment description.

0260 LIN - LINE ITEM

Segment group: 7 [SEQ.LIN] Level: 2
 EDIFACT status: mandatory if segment group 7 is used GM status: mandatory
 Maximum use: 1 per segment group 7 (max. 9999 per SEQ) GM 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.
 GM interchange: see remarks.
 Example: **LIN+++12345678:IN'**
 A B

EDIFACT STANDARD DEFINITION						GM 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	GM assigned 8 digit 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 GM status: conditional
 Maximum use: 10 per LIN in segment group 7 GM occurrences: 1 per preceding LIN
 Function: segment providing additional product identification.
 GM interchange: see remarks.

Example: **PIA+1+7:RY+12345678:UA'**
 A B C D E

EDIFACT STANDARD DEFINITION						GM 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	C212	ITEM NUMBER IDENTIFICATION	M			M		
	7140	Item number	C	an..35	:	C	an..35	Identification of the model year: e.g. 7 = 97; 8 = 98, etc.
								"RY" = Record keeping of model year.
C	7143	Item number type, coded	C	an..3	:	C	an..3	
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
D	C212	ITEM NUMBER IDENTIFICATION	C					
	7140	Item number	C	an..35	:	C	an..35	If used entry is 'ship direct' part number. See also comments.
								If used : "UA" - 'Ship Direct' part number (only used for Ship Direct).
E	7143	Item number type, coded	C	an..3	:	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	+			
	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

Depending on the circumstances the composite C212 may be used different times in PIA. It may contain the record keeping year and the 'ship direct' part number.

Segment group 8: RFF-DTM

Segment group: 8 [SEQ.LIN.SG8] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per LIN GM occurrences: not used
 Function: group of segments giving references and where necessary, their dates, relating to the line item.
 GM interchange: **this segment group will only be used in AMK messages.**

0360 RFF - REFERENCE

Segment group: 8 [SEQ.LIN.RFF] Level: 3
 EDIFACT status: mandatory if segment group 8 is used GM status: mandatory
 Maximum use: 1 per segment group 8 (max. 5) GM occurrences: not used
 Function: segment for referencing document and other numbers related to the line item as specified in the LIN segment.
 GM interchange: see segment group description.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M					
	1153	Reference qualifier	M	an..3	:			
	1154	Reference number	C	an..35	:			
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

0370 DTM - DATE/TIME/PERIOD

Segment group: 8 [SEQ.LIN.RFF.DTM] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 1 per RFF GM occurrences: not used
 Function: date/time/period as applied to the referred document.
 GM interchange: see segment group description.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M					
	2005	Date/time/period qualifier	M	an..3	:			
	2380	Date/time/period	C	an..35	:			
	2379	Date/time/period format qualifier	C	an..3	'			

Segment group 9: LOC-SG10

Segment group: 9 [SEQ.LIN.SG9] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per LIN in segment group 7 GM occurrences: max. 2 per LIN
 Function: group of segments providing delivery location information and where relevant contacts.
 GM interchange: see segment description.

0390 LOC - PLACE/LOCATION IDENTIFICATION

Segment group: 9 [SEQ.LIN.LOC] Level: 3
 EDIFACT status: mandatory if segment group 9 is used GM status: mandatory
 Maximum use: 1 per segment group 9 (max. 5 per LIN) GM occurrences: max. 2 per LIN
 Function: segment indicating more details regarding specific locations related to the line item.
 GM interchange: see remarks.

Example: **LOC+11 +A1A2A3A4'** Receiving dock
LOC+159+A1A2A3A4A5A6' Line feed location/Material handling code
 A B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Receiving dock identification.

A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"11" = Place/port of discharge.
	C517	LOCATION IDENTIFICATION	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying the receiving dock at the plant.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			
	C519	RELATED LOCATION ONE ID.	C					
	3223	Related place/location one Id.	C	an..25	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3222	Related place/location one	C	an..70	+			
	C553	RELATED LOCATION TWO ID.	C					
	3233	Related place/location two Id.	C	an..25	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3232	Related place/location two	C	an..70	+			
	5479	RELATION, CODED	C	an..3	'			

Line feed location identification / material handling code.

A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"159" = Additional internal destination.
	C517	LOCATION IDENTIFICATION	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying the assembly line feed location at the plant or the material handling code.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			
REST OF SEGMENT IS NOT USED.								

Segment group 10: CTA-COM

Segment group: 10 [SEQ.LIN.LOC.SG10] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per LOC in segment group 9 GM occurrences: 1 per preceding LOC
 Function: group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.
 GM interchange: see segment description.

0410 CTA - CONTACT INFORMATION

Segment group: 10 [SEQ.LIN.LOC.CTA] Level: 4
 EDIFACT status: mandatory if segment group 10 is used GM status: mandatory
 Maximum use: 1 per segment group 10 (max. 5 per LOC) GM occurrences: 1 per segment group 10
 Function: segment to identify person, function, department to whom communication should be directed.
 GM interchange: see remarks.

Example: **CTA+IC+12345:STOCKMAN'**
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	3139	CONTACT FUNCTION, CODED	C	an..3	+	C	an..3	"IC" = Information contact.
	C056	DEPT OR EMPLOYEE DETAILS	C			C		
B	3413	Department or employee identification	C	an..17	:	C	an..17	Code of the party, described in Data Element 3412
C	3412	Department or employee	C	an..35	'	C	an..35	Name of the Contact Party.

0420 COM - COMMUNICATION CONTACT

Segment group: 10 [SEQ.LIN.LOC.CTA.COM] Level: 5
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per CTA in segment group 10 GM occurrences: max. 3 per CTA
 Function: segment to identify communication types and numbers for person, function, department identified in CTA.
 GM interchange: see remarks.

Example: **COM+4961426690509:FX'**
 A B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C076 3148	COMMUNICATION CONTACT Communication number	M M			M M	an..512	Communication number for the communication means identified in 3155 and to be used in connection with the Information contact identified in the CTA.
B	3155	Communication number qualifier	C	an..3	'	M	an..3	Identification of the communication means. For code value see below.

CODE VALUES

3155 - Communication number, qualifier

EM Electronic Mail.
 FX Fax.
 TE Telephone.

Use of segment group 11 in message from GM

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

CALCULATION INFORMATION

to provide the previous cumulative quantity scheduled
to provide the cumulative quantity shipped year to date

[qualifier 6063 = 79]

[qualifier 6063 = 3]

SHIPPING INFORMATION

to indicate the quantities 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	GM status:	conditional
Maximum use:	100 per LIN in segment group 07	GM occurrences:	as required.
Function:	group of segments specifying quantity related information for actual delivery.		
GM interchange:	see description of different occurrences of segment group 11.		

SEGMENT GROUP 11

PREVIOUS CUMULATIVE QUANTITY

0440.[SEQ.LIN].QTY

0460.[SEQ.LIN.QTY].DTM

0460.[SEQ.LIN.QTY].DTM

Previous cumulative quantity

Cumulative calculation period start date
--

Cumulative calculation period end date
--

0440 QTY - QUANTITY

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

Example: **QTY+79:99999:C62'**
A B C

EDIFACT STANDARD DEFINITION						GM 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	"79" = Previous cumulative quantity. Cumulative quantity scheduled since start of inventory year. For code value see UN/ECE Recommendation no. 20. (e.g. piece = C62)
B	6060	Quantity	M	n..15	:	M	n..15	
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	

0460 DTM - DATE/TIME/PERIOD

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

Example: **DTM+51:19970101:102'** Start date
DTM+52:19970701:102' End date
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"51" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

End date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"52" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	End date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

SEGMENT GROUP 11
CUMULATIVE QUANTITY SHIPPED YEAR TO DATE

0440 .[SEQ.LIN]. QTY
0460 .[SEQ.LIN.QTY]. DTM
0460 .[SEQ.LIN.QTY]. DTM

Cumulative quantity shipped since start of inventory year
Cumulative calculation period start date
Date of last ASN

0440 QTY - QUANTITY

Description: see description of 1st occurrence of segment group 11.

Example: **QTY+3:99999:C62'**
 A B C

EDIFACT STANDARD DEFINITION						GM 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	"3" = Actual cumulative quantity shipped. Cumulative quantity shipped since start of inventory year by this supplier to this plant. 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	'	C	an..3	

0460 DTM - DATE/TIME/PERIOD

Description: see description of 1st occurrence of segment group 11.

Example: **DTM+51:19970101:102'** Start date
DTM+11:19970910:102' End date
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"51" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

Last recorded shipment date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"11" = Despatch Date/Time.
B	2380	Date/time/period	C	an..35	:	M	an..35	Date of the last ASN received for this part. In case there is no ASN the Receiving System's date will be inserted.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

SEGMENT GROUP 11
LAST QUANTITY RECEIVED

0440 .[SEQ.LIN].QTY	Last quantity received
0480 .[SEQ.LIN.QTY].RFF	Document reference number
0490 .[SEQ.LIN.QTY.RFF].DTM	Document date

GM interchange: **this segment group will only be used in AMK message**

0440 QTY - QUANTITY

Description: see description of 1st occurrence of segment group 11.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M					
	6063	Quantity qualifier	M	an..3	:			
	6060	Quantity	M	n..15	:			
	6411	Measure unit qualifier	C	an..3	'			

Segment group 12: RFF-DTM

Segment group: 12 [SEQ.LIN.QTY.SG11] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per QTY in segment group 11 GM occurrences: not used
 Function: group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

GM interchange: **this segment group will only be used in the AMK message.**

0480 RFF - REFERENCE

Segment group: 12 [SEQ.LIN.QTY.RFF] Level: 4
 EDIFACT status: mandatory if segment group 12 is used GM status: mandatory
 Maximum use: 1 per segment group 12 (max. 5) GM occurrences: not used
 Function: segment for referencing the specific product release information e.g. appointment.

GM interchange: **this segment group will only be used in AMK message**

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M					
	1153	Reference qualifier	M	an..3	:			
	1154	Reference number	C	an..35	:			
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

0490 DTM - DATE/TIME/PERIOD

Segment group: 12 [SEQ.LIN.QTY.RFF.DTM] Level: 5
 EDIFACT status: conditional GM status: conditional
 Maximum use: 1 per preceding RFF GM occurrences: not used
 Function: Date/time/period as applied to the referred document.
 GM interchange: see segment group description.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M					
	2005	Date/time/period qualifier	M	an..3	:			
	2380	Date/time/period	C	an..35	:			
	2379	Date/time/period format qualifier	C	an..3	'			

SHIPPING INFORMATION

SEGMENT GROUP 11	QUANTITY TO BE SHIPPED
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0440 [SEQ.LIN].QTY	Quantity to be shipped
0460 [SEQ.LIN.QTY].DTM	Requested shipment date/time

0440 QTY - QUANTITY

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

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

EDIFACT STANDARD DEFINITION						GM 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	
B	6060	Quantity	M	n..15	:	M	n..12	Actual quantity to be shipped of the product identified in the preceding LIN.	
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation no. 20.	

0460 DTM - DATE/TIME/PERIOD

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

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

EDIFACT STANDARD DEFINITION						GM 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.	
B	2380	Date/time/period	C	an..35	:	M	an..35	Requested shipment date.	
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"203" = CCYYMMDDHHMM.	

3.8. 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+0935HRB2002201+MBXNRSUPPLIER+980307:0735+SHSH066++MGO'	
UNH+1+DELJIT:D:97A:UN+SH'	
BGM+:::SH+9706612+5'	
DTM+137:19980307:102'	<i>Document issue date</i>
DTM+158:19980307:102'	<i>Horizon start date</i>
DTM+159:19980321:102'	<i>Horizon end date</i>
FTX+AAI+++TEXT'	
RFF+AAAN:10'	<i>Delivery Instruction number</i>
NAD+MI+88122::92'	<i>Material issuer</i>
NAD+SI+12345::92++Test Plant'	<i>Schedule issuer</i>
NAD+SU+084559798::16++Test Supplier'	<i>Supplier</i>
NAD+ST+12345::92'	<i>Ship to Destination</i>
SEQ+6'	
PAC++:67'	
PCI++DOCK NUMBER++11Z::167'	<i>Label Shipping Marks</i>
PCI++LINE FEED LOCATION++12Z::167'	<i>Label Shipping Marks</i>
PCI++41265++13Z::167'	<i>Label Shipping Marks</i>
PCI++PART NAME++14Z::167'	<i>Label Shipping Marks</i>
PCI++WIDGETS++15Z::167'	<i>Label Shipping Marks</i>
PCI++DELIVER TO++16Z::167'	<i>Label Shipping Marks</i>
PCI++STOCKMAN++17Z::167'	<i>Label Shipping Marks</i>
LIN+++12345678:IN'	
PIA+1+7:RY'	<i>Model Year</i>
LOC+11+A1A2A3A4A5'	<i>Receiving dock</i>
LOC+159+A1A2-A3'	<i>Material handling code / Line Feed Location</i>
CTA+IC+12345:STOCKMAN'	<i>GM Communication Contact</i>
COM+496142771077:TE'	<i>Communication Contact Phone Number</i>
QTY+79:15000:C62'	<i>Cum. Quantity Scheduled since start of inventory year</i>
DTM+51:19980101:102'	<i>Start Date of cum. quantity calculation</i>
DTM+52:19980306:102'	<i>End Date of cum. quantity calculation</i>
QTY+3:15000:C62'	<i>Cum. quantity shipped since start of inventory year</i>
DTM+51:19980101:102'	<i>Start Date of cum. quantity calculation</i>
DTM+11:19980305:102'	<i>Date of the last ASN received for this part</i>
QTY+1:2000:C62'	<i>Quantity to be delivered date 1</i>
DTM+10:199803100700:203'	<i>Requested shipment date 1</i>
QTY+1:2500:C62'	<i>Quantity to be delivered date 2</i>
DTM+10:199803121400:203'	<i>Requested shipment date 2</i>
QTY+1:3000:C62'	<i>Quantity to be delivered date 3</i>
DTM+10:199803170800:203'	<i>Requested shipment date 3</i>
QTY+1:3500:C62'	<i>Quantity to be delivered date 4</i>
DTM+10:199803171500:203'	<i>Requested shipment date 4</i>
UNT+40+1'	
UNZ+1+SHSH066'	

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

3.9. SEGMENTS NOT USED IN DELJIT SUBSET

To provide a complete documentation the segments which have been defined in the EDIFACT DELJIT D97.A but are not included in the subset used by GM are provided below in alphabetical sequence.

ALI - ADDITIONAL INFORMATION

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	3239	COUNTRY OF ORIGIN, CODED	C	an..3	+			
	9213	TYPE OF DUTY REGIME, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			

GIN - GOODS IDENTITY NUMBER

Function: To give specific identification numbers, either as single numbers or ranges.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	7405	IDENTITY NUMBER QUALIFIER	M	an..3	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	M					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			

GIR - RELATED IDENTIFICATION NUMBERS

Function: To specify a related set of identification numbers.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	7297	SET IDENTIFICATION QUALIFIER	M	an..3	+			
	C206	IDENTIFICATION NUMBER	M					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	IDENTIFICATION NUMBER	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	IDENTIFICATION NUMBER	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	IDENTIFICATION NUMBER	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	IDENTIFICATION NUMBER	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			

IMD - ITEM DESCRIPTION

Function: segment for describing the product or the service to be delivered.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	7077	ITEM DESCRIPTION TYPE, CODED	C	an..3	+			
	7081	ITEM CHARACTERISTIC, CODED	C	an..3	+			
	C273	ITEM DESCRIPTION	C					
	7009	Item description identification	C	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	7008	Item description	C	an..35	:			
	7008	Item description	C	an..35	:			
	3453	Language, coded	C	an..3	+			
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'			

SCC - SCHEDULING CONDITIONS

Function: segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+			
	4493	DELIVERY REQUIREMENTS, CODED	C	an..3	+			
	C329	<i>PATTERN DESCRIPTION</i>	C					
	2013	Frequency, coded	C	an..3	:			
	2015	Despatch pattern, coded	C	an..3	:			
	2017	Despatch pattern timing, coded	C	an..3	:			

TDT - DETAILS OF TRANSPORT

Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	8051	TRANSPORT STAGE QUALIFIER	M	an..3	+			
	8028	CONVEYANCE REFERENCE NUMBER	C	an..17	+			
	C220	<i>MODE OF TRANSPORT</i>	C					
	8067	Mode of transport, coded	C	an..3	:			
	8066	Mode of transport	C	an..17	+			
	C228	<i>TRANSPORT MEANS</i>	C					
	8179	Type of means of transport identification	C	an..8	:			
	8178	Type of means of transport	C	an..17	+			
	C040	<i>CARRIER</i>	C					
	3127	Carrier identification	C	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3128	Carrier name	C	an..35	+			
	8101	TRANSIT DIRECTION, CODED	C	an..3	+			
	C401	<i>EXCESS TRANSPORTATION INFORMATION</i>	C					
	8457	Excess transportation reason, coded	M	an..3	:			
	8459	Excess transportation responsibility, coded	M	an..3	:			
	7130	Customer authorization number	C	an..17	+			
	C222	<i>TRANSPORT IDENTIFICATION</i>	C					
	8213	Id. of means of transport identification	C	an..9	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	8212	Id. of the means of transport	C	an..35	:			
	8453	Nationality of means of transport, coded	C	an..3	+			
	8281	TRANSPORT OWNERSHIP, CODED	C	an..3	:			

4. MESSAGE INFORMATION

This section contains additional information related to the EDIFACT DELJIT D97.A message.

4.1. SEGMENTS REPERTORY

The following tables show all the data segments defined for the EDIFACT DELJIT D97.A message, used as basis for the GM Delivery Instruction message.

4.1.1. Segments in alphabetical sequence

<u>Segment name</u>	<u>Tag</u>
Additional information	ALI
Additional product id	PIA
Beginning of message	BGM
Communication contact	COM
Contact information	CTA
Date/time/period	DTM
Details of transport	TDT
Free text	FTX
Goods identity number	GIN
Item description	IMD
Line item	LIN
Name and address	NAD
Package	PAC
Package identification	PCI
Place/location identification	LOC
Quantity	QTY
Reference	RFF
Related identification numbers	GIR
Scheduling conditions	SCC
Sequence details	SEQ

4.1.2. Segments in segment tag sequence

<u>Tag</u>	<u>Segment name</u>
ALI	Additional information
BGM	Beginning of message
COM	Communication contact
CTA	Contact information
DTM	Date/time/period
FTX	Free text
GIN	Goods identity number
GIR	Related identification numbers
IMD	Item description
LIN	Line item
LOC	Place/location identification
NAD	Name and address
PAC	Package
PCI	Package identification
PIA	Additional product id
QTY	Quantity
RFF	Reference
SCC	Scheduling conditions
SEQ	Sequence details
TDT	Details of transport

4.2. DATA ELEMENTS REPERTORY

The following listings show all the data elements defined for the EDIFACT DELJIT D97.A message, used as basis for the GM Delivery Instruction message.

4.2.1. Service data elements in alphabetical sequence

List of data elements defined for the UNB, UNH, UNT and UNZ service segments.

<u>Data element name</u>	<u>Tag</u>
Acknowledgment Request.....	0031
Address for Reverse Routing	0008
Application Reference	0026
Association Assigned Code.....	0057
Common Access Reference.....	0068
Communications Agreement ID	0032
Controlling Agency	0051
Date of Preparation	0017
First / Last Message Indicator	0072
Identification Code Qualifier	0007
Interchange Control Count	0036
Interchange Control Reference	0020
Message Reference Number	0062
Message Type Identifier.....	0065
Message Type Release Number.....	0054
Message Type Version Number.....	0052
Number of Segments in Message	0074
Processing Priority Code.....	0029
Recipient Identification	0010
Recipient's Reference / Password.....	0022
Recipient's Reference / Password Qualifier	0025
Routing Address.....	0014
Sender Identification.....	0004
Sequence Message Transfer Number.....	0070
Syntax Identifier.....	0001
Syntax Version Number	0002
Test Indicator	0035
Time of Preparation.....	0019

4.2.2. Service data elements in tag sequence

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
0001	Syntax Identifier.....	UNB
0002	Syntax Version Number.....	UNB
0004	Sender Identification.....	UNB
0007	Identification Code Qualifier	UNB
0008	Address for Reverse Routing	UNB
0010	Recipient Identification	UNB
0014	Routing Address.....	UNB
0017	Date of Preparation	UNB
0019	Time of Preparation.....	UNB

Tag	Data element name	Segment(s)
0020	Interchange Control Reference	UNB, UNZ
0022	Recipient's Reference / Password.....	UNB
0025	Recipient's Reference / Password Qualifier.....	UNB
0026	Application Reference	UNB
0029	Processing Priority Code	UNB
0031	Acknowledgment Request.....	UNB
0032	Communications Agreement ID.....	UNB
0035	Test indicator.....	UNB
0036	Interchange Control Count	UNZ
0051	Controlling Agency	UNH
0052	Message Type Version Number	UNH
0054	Message Type Release Number	UNH
0057	Association Assigned Code.....	UNH
0062	Message Reference Number.....	UNH, UNT
0065	Message Type Identifier.....	UNH
0068	Common Access Reference.....	UNH
0070	Sequence Message Transfer Number.....	UNH
0073	First/last Message Indicator.....	UNH
0074	Number of Segments in Message	UNT

4.2.3. Data elements in alphabetical sequence

List of data elements defined for the data segments contained in this message.

Data element name	Tag
Action request/notification, coded.....	1229
Carrier identification	3127
Carrier name	3128
City name	3164
Code list qualifier.....	1131
Code list responsible agency, coded.....	3055
Communication channel qualifier	3155
Communication number	3148
Configuration, coded	7083
Configuration level.....	1222
Contact function, coded.....	3139
Container package status, coded	8275
Country, coded.....	3207
Country of origin, coded	3239
Country sub-entity identification	3229
Conveyance reference number	8028
Customer authorization number	7130
Date/time/period.....	2380
Date/time/period format qualifier	2379
Date/time/period qualifier	2005
Delivery plan status indicator, coded.....	4017
Delivery requirements, coded.....	4493
Department or employee	3412
Department or employee identification	3413
Despatch pattern, coded	2015
Despatch pattern timing, coded.....	2017
Document/message name	1000
Document/message name, coded.....	1001
Document/message number	1004
Excess transportation reason, coded	8457
Excess transportation responsibility, coded.....	8459

<u>Data element name</u>	<u>Tag</u>
Free text	4440
Free text, coded	4441
Frequency, coded.....	2013
Id. of means of transport identification.....	8213
Id. of the means of transport	8212
Identity number	7402
Identity number qualifier	7405
Item characteristic, coded	7081
Item description.....	7008
Item description identification	7009
Item description type, coded	7077
Item number.....	7140
Item number type, coded.....	7143
Language, coded.....	3453
Line item number	1082
Line number	1156
Marking instructions, coded.....	4233
Measure unit qualifier	6411
Message function, coded	1225
Mode of transport.....	8066
Mode of transport, coded	8067
Name and address line	3124
Nationality of means of transport, coded	8453
Number of packages	7224
Packaging level, coded	7075
Packaging related information, coded	7233
Packaging terms and conditions, coded.....	7073
Party id. Identification	3039
Party name.....	3036
Party name format, coded	3045
Party qualifier	3035
Place/location	3224
Place/location identification	3225
Place/location qualifier	3227
Postcode identification	3251
Product Id. function qualifier.....	4347
Quantity.....	6060
Quantity qualifier	6063
Reference number.....	1154
Reference qualifier	1153
Reference version number	4000
Related place/location one	3222
Related place/location two.....	3232
Related place/location one Id.	3223
Related place/location two Id.....	3233
Relation, coded	5479
Response type, coded.....	4343
Returnable package freight payment responsibility, coded	8395
Returnable package load contents, coded	8393
Revision number	1060
Sequence number.....	1050
Sequence number source.....	1159
Set identification qualifier	7297

<u>Data element name</u>	<u>Tag</u>
Shipping marks	7102
Special conditions, coded.....	4183
Status, coded	4405
Status indicator, coded.....	1245
Street and number/p.o. box.....	3042
Sub-line indicator, coded.....	5495
Surface/layer indicator, coded.....	7383
Text function, coded.....	4453
Text subject qualifier	4451
Transit direction, coded.....	8101
Transport ownership, coded.....	8281
Transport stage qualifier.....	8051
Type of duty regime, coded.....	9213
Type of marking, coded.....	7511
Type of means of transport	8178
Type of means of transport identification.....	8179
Type of packages.....	7064
Type of packages identification	7065
Version.....	1056

4.2.4. Data elements in tag sequence

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
1000	Document/message name.....	BGM
1001	Document/message name, coded.....	BGM
1004	Document/message number	BGM
1050	Sequence number	SEQ
1056	Version	BGM
1060	Revision number	BGM
1082	Line item number.....	LIN
1131	Code list qualifier.....	BGM, FTX, IMD, LIN, LOC PAC, PCI, PIA, SEQ, TDT
1153	Reference qualifier	RFF
1154	Reference number.....	RFF
1156	Line number	RFF
1159	Sequence number source, coded.....	SEQ
1222	Configuration level.....	LIN
1225	Message function, coded.....	BGM
1229	Action request/notification, coded.....	LIN
1245	Status indicator, coded	SEQ
2005	Date/time/period qualifier.....	DTM
2013	Frequency, coded.....	SCC
2015	Despatch pattern, coded	SCC
2017	Despatch pattern timing, coded.....	SCC
2379	Date/time/period format qualifier	DTM
2380	Date/time/period	DTM
3035	Party qualifier	NAD
3036	Party name	NAD
3039	Party id. Identification	NAD
3042	Street and number/p.o. box	NAD
3045	Party name format, coded.....	NAD
3055	Code list responsible agency, coded	BGM, FTX, IMD, LIN, LOC PAC, PCI, PIA, SEQ, TDT
3124	Name and address line.....	NAD
3127	Carrier identification	TDT
3128	Carrier name	TDT

Tag	Data element name	Segment(s)
3139	Contact function, coded.....	CTA
3148	Communication number	COM
3155	Communication channel qualifier	COM
3164	City name	NAD
3207	Country, coded.....	NAD
3222	Related place/location one	LOC
3223	Related place/location one Id.	LOC
3224	Place/location	LOC
3225	Place/location identification	LOC
3227	Place/location qualifier.....	LOC
3229	Country sub-entity identification.....	NAD
3232	Related place/location two.....	LOC
3233	Related place/location two Id.....	LOC
3239	Country of origin, coded	ALI
3251	Postcode identification	NAD
3412	Department or employee	CTA
3413	Department or employee identification	CTA
3453	Language, coded.....	FTX, IMD
4000	Reference version number	RFF
4017	Delivery plan status indicator, coded	SCC
4183	Special conditions, coded.....	ALI
4233	Marking instructions, coded.....	PCI
4343	Response type, coded.....	BGM
4347	Product Id. function qualifier.....	PIA
4405	Status, coded	GIR
4440	Free text	FTX
4441	Free text, coded	FTX
4451	Text subject qualifier	FTX
4453	Text function, coded.....	FTX
4493	Delivery requirements, coded.....	SCC
5479	Relation, coded	LOC
5495	Sub-line indicator, coded.....	LIN
6060	Quantity.....	QTY
6063	Quantity qualifier	QTY
6411	Measure unit qualifier	QTY
7008	Item description	IMD
7009	Item description identification	IMD
7064	Type of packages	PAC
7065	Type of packages identification	PAC
7073	Packaging terms and conditions, coded	PAC
7075	Packaging level, coded.....	PAC
7077	Item description type, coded.....	IMD, PAC
7081	Item characteristic, coded	IMD
7083	Configuration, coded	LIN
7102	Shipping marks.....	PCI
7130	Customer authorization number	TDT
7140	Item number	LIN, PIA
7143	Item number type, coded.....	LIN, PAC, PIA
7224	Number of packages	PAC
7233	Packaging related information, coded	PAC
7297	Set identification qualifier.....	GIR
7383	Surface/layer indicator, coded.....	IMD
7402	Identity number.....	GIN, GIR
7405	Identity number qualifier	GIN, GIR
7511	Type of marking, coded.....	PCI

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
8028	Conveyance reference number	TDT
8051	Transport stage qualifier.....	TDT
8066	Mode of transport	TDT
8067	Mode of transport, coded	TDT
8101	Transit direction, coded	TDT
8178	Type of means of transport.....	TDT
8179	Type of means of transport identification.....	TDT
8212	Id. of the means of transport	TDT
8213	Id. of means of transport identification.....	TDT
8275	Container package status, coded	PCI
8281	Transport ownership, coded	TDT
8393	Returnable package load contents, coded	PAC
8395	Returnable package freight payment responsibility, coded.....	PAC
8453	Nationality of means of transport, coded	TDT
8457	Excess transportation reason, coded	TDT
8459	Excess transportation responsibility, coded.....	TDT
9213	Type of duty regime, coded	ALI