Delphi Vega

Supplier EDI Specification

Delivery Forecast

EDIFACT DELFOR D97.A

Delphi Version 1.8

Final

Document Change Log

Version	Date	Description
1.3	1998.12.18	Document issued.
1.4	1999-05-06	Document re-issued, with the following changes.
	1999-05-06	Segment 0020 BGM, element 1004 will now contain the tranmission date and time reference
	1999-05-06	Removed 0040 FTX segment – will not be sent
	1999-05-06	Segment 0090 NAD-3035 for qualifier MI, NAD-3055 qualifier will be 16 (DUN & Bradstreet Number)
	1999-05-06	Segment 0090 NAD-3035 for qualifier OB - will not be sent
	1999-05-06	Segment 0090 NAD-3035 for qualifier SF, NAD-3055 qualifier will be 92 (Assigned by Buyer)
	1999-05-06	Segment 0090 NAD-3035 for qualifier SF - will always be sent
	1999-05-06	Segment 0220 NAD-3035 for qualifier ST – Delivery address must be cross referenced to the Delivery Address Location – Chassis Division document on the supplementary document section of the web site
	1999-05-06	Segment group 10, 0320 CTA and 0330 COM will now be sent
	1999-05-06	Removed 0470 FTX segment – will not be sent
	1999-05-06	Segment 0490 RFF, qualifier 'RE' will now be sent with the line item release number
	1999-05-06	Segment 0500 DTM, qualifier '137' will now be sent with the line item release date
	1999-05-06	Removed 0690 PAC segment – will not be sent
	1999-05-06	Removed 0710 QTY segment – will not be sent
	1999-05-06	Changed 0640 DTM segment qualifier from '2' to '10'
1.5	1999-07-16	Removed 0550 QTY segment qualifier '79'– will not be sent
	1999-07-16	Removed 0560 DTM segment qualifier '51' & '52' – will not be sent
	1999-07-16	Added 0550 QTY segment with qualifier '70'
	1999-07-16	Added 0580 RFF segment with qualifier 'SI'
	1999-07-16	Added 0590 DTM segment with qualifier '11'
	1999-07-16	Element 7009 from 0400 IMD segment will no longer be sent
	1999-09-01	Segment group 0090NAD, element 3035 for qualifier 'SF' is optional.
1.6	1999.12.10	Removed 0540 QTY segment qualifier '3' will not be sent
	1999-12-07	Removed 0560 DTM segment qualifier '51' & '52' will not be sent
1.7	2000-11-21	Added 0520 TDT Details of Transportation (3rd Party Direct)
	2000.11.27	Added 0390 PIA Additional Product ID
	2001.02.08	DIR100150 – At 0060 RFF added Customers Reference number
1.8	2001-03-22	Correction to 0550 RFF qualifier – from 79 to 70

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1. INTRODUCTION

This document provides the specific description of the EDIFACT DELFOR D97.A message.

2. MESSAGE DEFINITION

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D97.A, to be used in Electronic Data Interchange (EDI) between Delphi and its Trading Partners.

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

2.1. FUNCTIONAL DEFINITION

The Delivery Instruction message is a message from Delphi to a Delphi Supplier giving details for both short and long-term material requirements in line with the conditions set out in the purchase contract.

This message may only be used as planning forecast, shipping instruction will be provided in an additional call-off message.

2.2. PRINCIPLES

The Delivery Instruction message is intended to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronisation between Delphi and the Supplier.
- Provide information allowing the Supplier to plan for future requirements, to purchase raw materials.

Definition of 3rd Party direct shipment:

- Third party suppliers are defined as those Suppliers that ship material directly to Delphi customers.
- In order for the Supplier to meet the shipping requirements of Delphi's Customer, the DELFOR and DELJIT transmitted to the supplier will contain some data that is specific to the Delphi Customer. Upon the Suppliers shipment to the Customer, the Supplier is required to transmit a DESADV to Delphi.
- All EDI transactions can be identified as a 3rd Party Direct shipment via the TDT segment.

2.3. REFERENCES

The content of this message is based on:

The message structure as defined by EDIFACT for the Delivery Schedule Message DELFOR as published in the UN/EDIFACT D97.A Directory.

The agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.

Although the DELINS subset defined by ODETTE has been based on the EDIFACT D96.A Directory, which is not upward compatible with the D97.A Directory, the subset defined by Delphi and described in this document follows as close as possible the structure of the ODETTE subset.

2.4. FIELD OF APPLICATION

The following definition of a Delivery Instruction Message in EDIFACT format is applicable for the interchange of delivery instructions issued by Delphi for material deliveries to one or more Delphi operations.

3. MESSAGE DESCRIPTION

Following pages contain a full description of the EDIFACT DELFOR D97.A message as implemented by Delphi. All segments are included regardless whether used or not used in the interchange with Delphi. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with Delphi. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc. The aim of those remarks is to simplify the implementation of the message.

3.1. INTRODUCTION

3.1.1. How to read the documentation

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

❶ **0020 BGM - BEGINNING OF MESSAGE**

❷	Segment group:	None.	Level:	1.
❸	EDIFACT status:	Mandatory.	Delphi status:	Mandatory.
❹	Maximum use:	1 per message.	Delphi occurrences:	1 per message.
❺	Function:	Segment for the unique identification of the delivery schedule document, by means of its name and its number.		
❺	Delphi interchange:	See remarks.		
❻	Example:	**BGM+241+12+5'** A B C		

❼

❽ REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	Delphi IMPLEMENTATION ST	FT	REMARKS
	C002	*DOCUMENT/MESSAGE NAME*	C			C		
A	1001	Document/message name, coded	C	an..3	:	C	an..3	'**241**' = Delivery Schedule
❾	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	1000	Document/message name	C	an..35	+			
	C106	*DOCUMENT/MESSAGE IDENTIFICATION*	C					
B	1004	Document/message number	C	an..35	:	C	an..35	Delphi assigned release number
	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	'			

❿ **COMMENTS**

❿ **CODE VALUES**

LEGEND

❶ segment position in the message structure, segment tag and segment name.

❷ identification (when applicable) of the segment group in which the segment is situated and indication at which level the segment is in the message.

❸ status of the segment: as defined by EDIFACT and by Delphi.

❹ number of occurrences of the segment: as defined by EDIFACT and as used by Delphi.

❺ description of the function of the segment as defined by EDIFACT and as used by Delphi.

❻ example of the segment as it may appear in an interchange. This example is onlyillustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.

❼ definition of the segment content as defined by EDIFACT and as implemented by Delphi.

❽ 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 Delphi.

❾ Shaded areas in the Delphi description mean that Delphi does not use the data elements.

❿ 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 Delphi.
- 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 UNSM DELFOR D97.A Delivery Forecast message. Shaded areas identify the segments that are not used in the subset of DELFOR used by Delphi. 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**	**99**
0090	NAD	Name and address	M	1
0100		**Segment group 3**	**C**	**10**
0110	RFF	Reference	M	1
0120	DTM	Date/time/period	C	1
0130		**Segment group 4**	**C**	**5**
0140	CTA	Contact information	M	1
0150	COM	Communication contact	C	5
0160		**Segment group 5**	**C**	**10**
0170	TDT	Details of transport	M	1
0180	DTM	Date/time/period	C	5
0190		**Segment group 6**	**C**	**9999**
0200	GIS	General Indicator	M	1
0210		**Segment group 7**	**C**	**1**
0220	NAD	Name and Address	M	1
0230	LOC	Place/location identification	C	10
0240	FTX	Free text	C	5
0250		**Segment group 8**	**C**	**10**
0260	RFF	Reference	M	1
0270	DTM	Date/time/period	C	1
0280		**Segment group 9**	**C**	**10**
0290	DOC	Document/message details	M	1
0300	DTM	Date/time/period	C	10
0310		**Segment group 10**	**C**	**5**
0320	CTA	Contact information	M	1
0330	COM	Communication contact	C	5
0340		**Segment group 11**	**C**	**10**
0350	TDT	Details of transport	M	1
0360	DTM	Date/time/period	C	5
0370		**Segment group 12**	**C**	**9999**
0380	LIN	Line item	M	1
0390	PIA	Additional item information	C	10
0400	IMD	Item description	C	10
0410	MEA	Measurements	C	5

POS.	TAG	NAME	ST	REPEATS
0420	ALI	Additional information	C	5
0430	GIN	Goods identity number	C	999
0440	GIR	Related identification numbers	C	999
0450	LOC	Place/location identification	C	999
0460	DTM	Date/time/period	C	5
0470	FTX	Free text	C	5
0480		**Segment group 13**	**C**	**10**
0490	RFF	Reference	M	1
0500	DTM	Date/time/period	C	1
0510		**Segment group 14**	**C**	**10**
0520	TDT	Details of transport	M	1
0530	DTM	Date/time/period	C	2
0540		**Segment group 15**	**C**	**10**
0550	QTY	Quantity	M	1
0560	DTM	Date/time/period	C	2
0570		**Segment group 16**	**C**	**10**
0580	RFF	Reference	M	1
0590	DTM	Date/time/period	C	1
0600		**Segment group 17**	**C**	**999**
0610	SCC	Scheduling conditions	M	1
0620		**Segment group 18**	**C**	**999**
0630	QTY	Quantity	M	1
0640	DTM	Date/time/period	C	2
0650		**Segment group 19**	**C**	**10**
0660	RFF	Reference	M	1
0670	DTM	Date/time/period	C	1
0680		**Segment group 20**	**C**	**99**
0690	PAC	Package	M	1
0700	MEA	Measurements	C	10
0710	QTY	Quantity	C	5
0720	DTM	Date/time/period	C	5
0730		**Segment group 21**	**C**	**10**
0740	PCI	Package identification	M	1
0750	GIN	Goods identity number	C	10
0760		**Segment group 22**	**C**	**999**
0770	NAD	Name and address	M	1
0780	LOC	Place/location identification	C	10
0790	FTX	Free text	C	5
0800		**Segment group 23**	**C**	**10**
0810	DOC	Document/message details	M	1
0820	DTM	Date/time/period	C	1
0830		**Segment group 24**	**C**	**5**
0840	CTA	Contact information	M	1
0850	COM	Communication contact	C	5
0860		**Segment group 25**	**C**	**10**
0870	QTY	Quantity	M	1
0880	DTM	Date/time/period	C	2
0890		**Segment group 26**	**C**	**10**
0900	RFF	Reference	M	1

0910	DTM	Date/time/period	C	1					

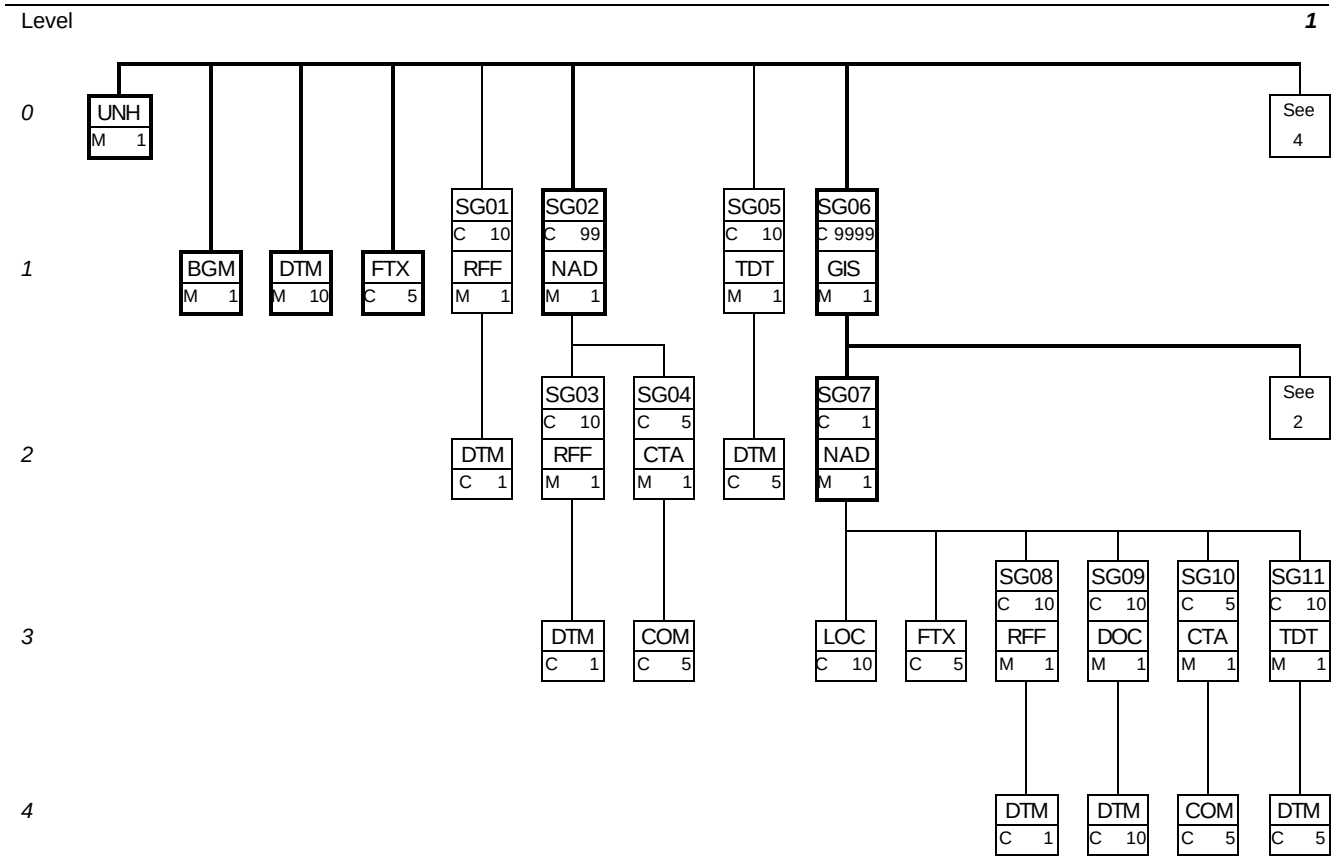
POS.	TAG	NAME	ST	REPEATS
0920		**Segment group 27**	**M**	**999**
0930	SCC	Scheduling conditions	M	1
0940		**Segment group 28**	**M**	**999**
0950	QTY	Quantity	M	1
0960	DTM	Date/time/period	C	2
0670		**Segment group 29**	**C**	**10**
0980	RFF	Reference	M	1
0990	DTM	Date/time/period	C	1
1000		**Segment group 30**	**C**	**10**
1010	TDT	Details of transport	M	1
1020	DTM	Date/time/period	C	5
1030	UNT	Message trailer	M	1

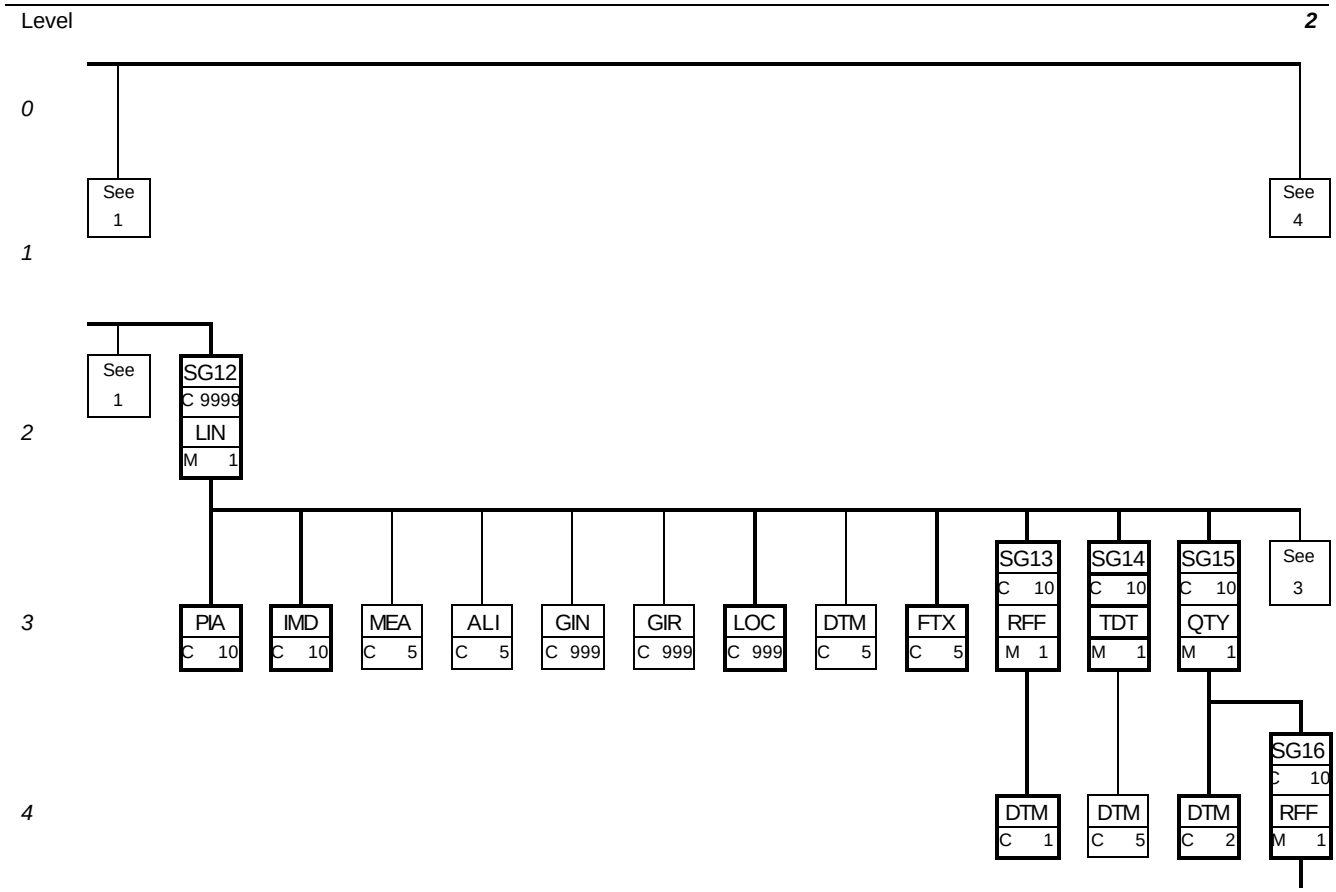
3.3. BRANCHING DIAGRAM

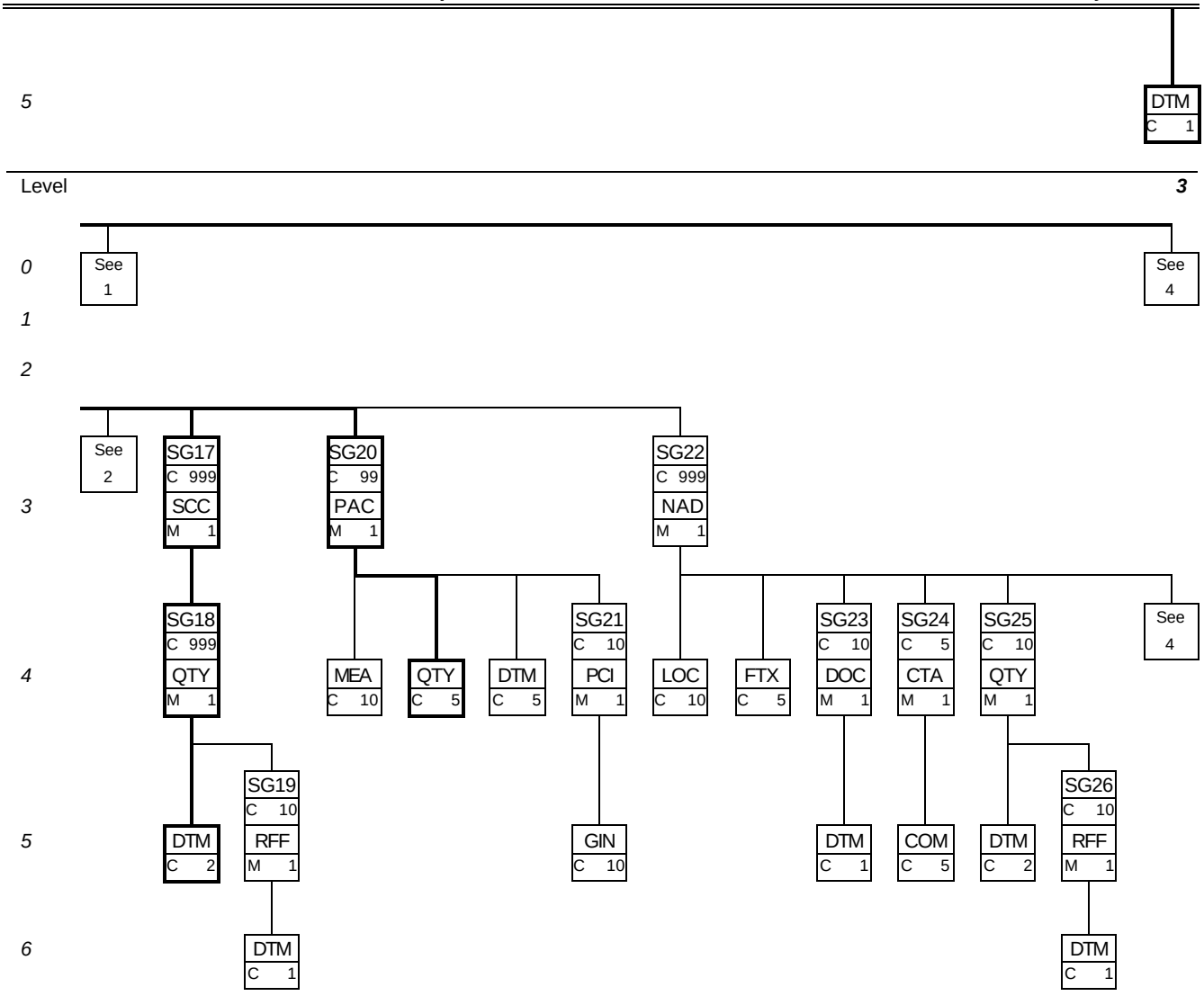
The branching diagram shows the structure of the message. It is a combination of various segments that are organised in a certain hierarchical order.

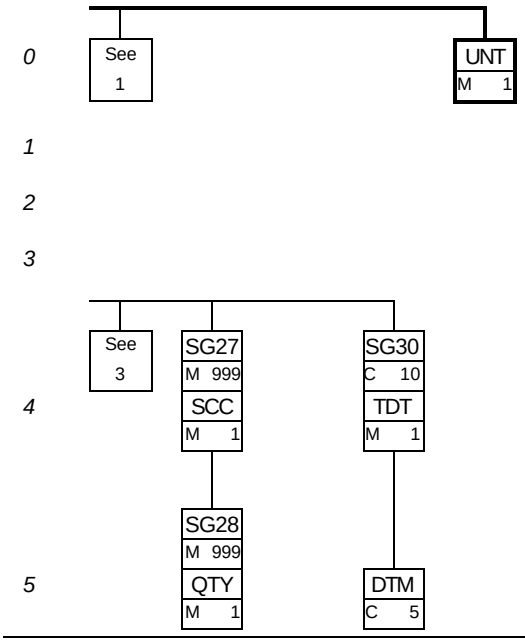
A segment is a pre-defined set of functionally related values (e.g., segment NAD groups all values that relate to a Party: name - address - etc.)

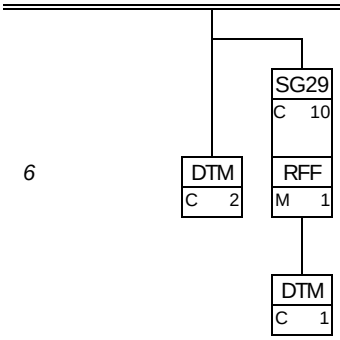
Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.


Level
1
0
1
2
3
4
UNH
M 1
BGM
M 1
DTM
M 10
FTX
C 5
SG01
C 10
RFF
M 1
DTM
C 1
SG02
C 99
NAD
M 1
SG03
C 10
RFF
M 1
DTM
C 1
SG04
C 5
CTA
M 1
COM
C 5
SG05
C 10
TDT
M 1
DTM
C 5
SG06
C 9999
GIS
M 1
SG07
C 1
NAD
M 1
LOC
C 10
FTX
C 5
SG08
C 10
RFF
M 1
DTM
C 1
SG09
C 10
DOC
M 1
DTM
C 10
SG10
C 5
CTA
M 1
COM
C 5
SG11
C 10
TDT
M 1
DTM
C 5
See
4
See
2


Level
2
0
1
2
3
4
See
1
See
4
See
1
SG12
C 9999
LIN
M 1
PIA
C 10
IMD
C 10
MEA
C 5
ALI
C 5
GIN
C 999
GIR
C 999
LOC
C 999
DTM
C 5
FTX
C 5
SG13
C 10
RFF
M 1
DTM
C 1
SG14
C 10
TDT
M 1
DTM
C 5
SG15
C 10
QTY
M 1
DTM
C 2
SG16
C 10
RFF
M 1
See
3


5
DTM C 1
Level 3
0
See 1
See 4
1
2
See 2
SG17 C 999 SCC M 1
SG20 C 99 PAC M 1
SG22 C 999 NAD M 1
3
SG18 C 999 QTY M 1
MEA C 10
QTY C 5
DTM C 5
SG21 C 10 PCI M 1
LOC C 10
FTX C 5
SG23 C 10 DOC M 1
SG24 C 5 CTA M 1
SG25 C 10 QTY M 1
See 4
4
SG19 C 10 RFF M 1
DTM C 2
GIN C 10
DTM C 1
COM C 5
DTM C 2
SG26 C 10 RFF M 1
5
DTM C 1
DTM C 1
6


Level 4
0
See 1
UNT M 1
1
2
3
See 3
SG27 M 999 SCC M 1
SG30 C 10 TDT M 1
4
SG28 M 999 QTY M 1
DTM C 5
5



6

NAD
M 1

← Name of the segment
← Number of occurrences (R = more than one occurrence)
↑ Status (M = Mandatory - C = Conditional)

3.4. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DELFOR as defined in the 97.A Directory. Only the segments printed in bold are used in the subset defined by Delphi 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 schedule message is DELFOR.

0020 BGM, Beginning of message
A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, and change).

0030 DTM, Date/time/period
The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.

0040 FTX, Free text
A segment with free text in coded or clear form to give further clarification when required. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

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 giving references to the whole Delivery schedule message, e.g. contract, original message number (AGO), previous message number (ACW), import or export license.

0070 DTM, Date/time/period
Date or time, or date and time of the reference.

0080 Segment group 2: NAD-SG3-SG4
A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

0090 NAD, Name and address
A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section.

0100 Segment group 3: RFF-DTM
A group of segments giving references relevant to the party.

0110 RFF, Reference
A segment giving references related to the party.

0120 DTM, Date/time/period
Date/time/period of the reference.

0130 Segment group 4: CTA-COM
A group of segments to identify person, function, or department and appropriate numbers to whom communication should be directed.

0140 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0150 COM, Communication contact
A segment identifying communication types and numbers for the person, function, or department identified in the CTA segment.

0160 Segment group 5: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period relating to the whole message. This group of segments is used only when the requested mode and means of transport deviates from the norm.

0170 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.

0180 DTM, Date/time/period
A segment indicating the date/time/period details relating to the TDT segment.

3.4.2 Detail section

Information to be provided in the Detail section:

0190 Segment group 6: GIS-SG7-SG12
A group of segments providing details on delivery points and products and related information using one of both scheduling methods.

0200 GIS, General indicator
A segment to indicate which method is used by the relevant processing indicator code.

0210 Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11
A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.

0220 NAD, Name and address
A segment for identifying the consignee.

0230 LOC, Place/location identification
A segment identifying a specific location at the consignee address (e.g. dock, gate,) to which product, as specified in the LIN-Segment groups, should be delivered.

0240 FTX, Free text
A segment with free text in coded or clear form to give further clarification when required. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

0250 Segment group 8: RFF-DTM
A group of segments giving references relevant to the consignee.

0260 RFF, Reference
A segment giving references related to the consignee.

0270 DTM, Date/time/period
Date/time/period of the reference.

0280 Segment group 9: DOC-DTM
A group of segments providing information relating to documents required for the consignee.

0290 DOC, Document/message details
A segment describing the documents required for the specified consignee.

0300 DTM, Date/time/period
Date/time/period of documents required.

0310 Segment group 10: CTA-COM
A group of segments to identify a person, function or department at the consignee and appropriate numbers to whom communication should be directed.

0320 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0330 COM, Communication contact
Communication types and numbers for the person, function, or department identified in CTA segment.

0340 Segment group 11: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date and/or time of departure and destination relating to specified delivery point.

0350 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.

0360 DTM, Date/time/period
A segment indicating the date/time/period details of departure or arrival relating to the TDT segment.

0370 Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22
A group of segments providing details of the individual line items for both methods.

0380 LIN, Line item
A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.

0390 PIA, Additional product id
A segment providing additional product identification.

0400 IMD, Item description
A segment for describing the product or the service to be delivered.

0410 MEA, Measurements
A segment specifying physical measurements of the item to be delivered in original or unpacked form.

0420 ALI, Additional information
A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

0430 GIN, Goods identity number
A segment providing identity numbers to be applied to the goods to be delivered, e.g. serial numbers.

0440 GIR, Related identification numbers
A segment providing sets of related identification numbers for a line item, e.g. engine number, chassis number and transmission number for a vehicle.

0450 LOC, Place/location identification
A segment identifying a specific location to which products, as specified in the LIN-Segment group, should be placed after delivery. This function should only be used with the delivery point driven method.

0460 DTM, Date/time/period
Date/time/period associated with the line item, such as the date of the engineering change.

0470 FTX, Free text
A segment with free text in coded or clear form to give further clarification, when required, to the line item to be delivered.

0480 Segment group 13: RFF-DTM
A group of segments giving references related to the line item and where necessary, their dates.

0490 RFF, Reference
A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.

0500 DTM, Date/time/period
Date/time/period of the reference.

0510 Segment group 14: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period related to the specified transport details.

0520 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods for the specified location.

0530 DTM, Date/time/period
A segment indicating the date/time/period details relating to the TDT segment.

0540 Segment group 15: QTY-DTM-SG16
A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.

0550 QTY, Quantity

A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.

0560 DTM, Date/time/period
A segment indicating the date/time/period details relating to the quantity.

0570 Segment group 16: RFF-DTM
A group of segments giving references related to the quantity and where necessary, their date.

0580 RFF, Reference
A segment for identifying reference to the quantity, e.g. despatch advice number.

0590 DTM, Date/time/period
Date/time/period of the reference.

0600 Segment group 17: SCC-SG18
A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product.

0610 SCC, Scheduling conditions
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

0620 Segment group 18: QTY-DTM-SG19
A group of segments specifying product quantities and associated dates.

0630 QTY, Quantity
A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.

0640 DTM, Date/time/period
A segment indicating date/time/period details relating to the given quantity.

0650 Segment group 19: RFF-DTM
A group of segments for specifying references associated with the given schedule's quantity and date and where necessary the reference dates.

0660 RFF, Reference
A segment to provide reference for the given schedule's quantity and date.

0670 DTM, Date/time/period
Date/time/period of the reference.

0680 Segment group 20: PAC-MEA-QTY-DTM-SG21
A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.

0690 PAC, Package
A segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.

0700 MEA, Measurements
A segment specifying physical measurements of packages described in the PAC segment, e.g. pallet dimensions.

0710 QTY, Quantity
A segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.

0720 DTM, Date/time/period
A segment specifying date/time/period details relating to the physical units (packages) described in the PAC segment, e.g. packaging specification date.

0730 Segment group 21: PCI-GIN
A group of segments identifying markings and labels and if relevant package numbers.

0740 PCI, Package identification
A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.

0750 GIN, Goods identity number
A segment providing identity numbers to be applied to the packages to be delivered.

0760 Segment group 22: NAD-LOC-FTX-SG23-SG24-SG25-SG27-SG30
A group of segments providing details of the individual delivery points for the given product.

0770 NAD, Name and address
A segment for identifying names and addresses relevant to the delivery point.

0780 LOC, Place/location identification
A segment identifying a specific location at the address (e.g. dock, gate,).

0790 FTX, Free text
A segment with free text in coded or clear form to give further clarification when required.

0800 Segment group 23: DOC-DTM
A group of segments providing information relating to documents required for the delivery point.

0810 DOC, Document/message details
A segment providing information relating to the documents required for specified delivery points.

0820 DTM, Date/time/period
Date/time/period of documents required.

0830 Segment group 24: CTA-COM
A group of segments to identify a person, function or department and appropriate numbers to whom communication should be directed. The information specified in this group is related to the delivery point.

0840 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0850 COM, Communication contact
A segment to identify communication types and numbers for the person, function, or department identified in CTA segment.

0860 Segment group 25: QTY-DTM-SG26
A group of segments specifying product quantities and associated dates and where relevant, references relating to the delivery point.

0870 QTY, Quantity
A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.

0880 DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.

0890 Segment group 26: RFF-DTM
A group of segments giving references related to the quantity and where necessary, their dates.

0900 RFF, Reference
A segment for identifying references to the quantity, e.g. despatch advice number.

0910 DTM, Date/time/period
Date/time/period of the reference.

0920 Segment group 27: SCC-SG28
A group of segments specifying scheduling information detailing quantities and date for the given delivery point. This segment group also specifies references and their associated dates related to the schedule as required for the delivery point.

0930 SCC, Scheduling conditions
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery schedule for a weekly pattern.

0940 Segment group 28: QTY-DTM-SG29
A group of segments specifying product quantities and associated dates.

0950 QTY, Quantity

A segment to specify pertinent quantities, which may relate to schedule(s) and/or pattern established in the SCC segment, e.g. delivery quantity for a specified date.

0960 DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.

0970 Segment group 29: RFF-DTM
A group of segments for specifying references associated with the given schedule and delivery point and where necessary their dates.

0980 RFF, Reference
A segment to provide references for the given schedules and dates.

0990 DTM, Date/time/period
Date/time/period of the reference.

1000 Segment group 30: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period relating to the delivery point.

1010 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods for the delivery point.

1020 DTM, Date/time/period
A segment indicating the date/time/period relating to the TDT segment.

1030 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 Delivery Forecast message to accommodate the requirements identified by Delphi.

0010.UNH	Start of Delivery 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 for complete message
0090-1.NAD	Material release issuer (Buyer)
0090-2.NAD	Supplier identification
0090-3.NAD	Ship from identification (Delivery Party)
0090-4.NAD	*Ordered by*
0200.GIS	Start of detail section
0220.[GIS].**NAD.(1)**	Ship to destination #1 identification
0380.[GIS.NAD].**LIN**	Article-/part number #1 identification
0390.[GIS.NAD.LIN].**PIA**	Customer part nr / record keeping year / Kanban nr
0400.[GIS.NAD.LIN].**IMD**	Part release status code / description
0450-1.[GIS.NAD.LIN].**LOC**	Receiving dock identification
0450-2.[GIS.NAD.LIN].**LOC**	Line feed location id. / Material handling code
0470.[GIS.NAD.LIN].**FTX**	Free text related to article number
0490.[GIS.NAD.LIN].**RFF**	Purchase order number
0500.[GIS.NAD.LIN.RFF].**DTM**	Ref. date to the information given in preceding RFF
0520.[GIS.NAD.LIN].**TDT**	Details of Transportation
0550-1.[GIS.NAD.LIN].**QTY**	Cum. quantity scheduled since start inventory year
0560-1.[GIS.NAD.LIN.QTY].**DTM**	Start date
0560-2.[GIS.NAD.LIN.QTY].**DTM**	End date
0550-2.[GIS.NAD.LIN].**QTY**	Cum. quantity shipped since start inventory year
0560-1.[GIS.NAD.LIN.QTY].**DTM**	Start date
0560-2.[GIS.NAD.LIN.QTY].**DTM**	End date
0550-3.[GIS.NAD.LIN].**QTY**	Quantity of referenced document
0580.[GIS.NAD.LIN.QTY].**RFF**	Reference number of document
0590.[GIS.NAD.LIN.QTY.RFF].**DTM**	Date of referenced document
0610-1.[GIS.NAD.LIN].**SCC**	Schedule status
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week 1
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week 1
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week 2
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week 2
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week n
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week n
0610-2.[GIS.NAD.LIN].**SCC**	Authorisation code
0630.[GIS.NAD.LIN.SCC].**QTY**	Cumulative fabrication authorisation
0640-1.[NAD.LIN.SCC.QTY].**DTM**	Start date
0640-2.[NAD.LIN.SCC.QTY].**DTM**	End date

0610-3.[GIS.NAD.LIN]**.SCC**	Authorisation code
0630.[GIS.NAD.LIN.SCC]**.QTY**	Cumulative material authorisation
0640-1.[NAD.LIN.SCC.QTY]**.DTM**	Start date
0640-2.[NAD.LIN.SCC.QTY]**.DTM**	End date
0690.[GIS.NAD.LIN]**.PAC**	Packaging information
0710.[GIS.NAD.LIN.PAC]**.QTY**	Quantity per pack
0380-2.[GIS.NAD]**.LIN**	Article-/part number #2 identification
…	
0380-n.[GIS.NAD]**.LIN**	Article-/part number #n identification
…	
0220-2.[GIS].**NAD.**(2)	Ship to destination #2 identification
0380-1.[GIS.NAD]**.LIN**	Article-/part number #1 identification
…	
0220-n.[GIS].**NAD**	Ship to destination #n identification
0380-1.[GIS.NAD]**.LIN**	Article-/part number #1 identification
…	
1030.UNT	End of message

3.6. SERVICE SEGMENTS DESCRIPTION

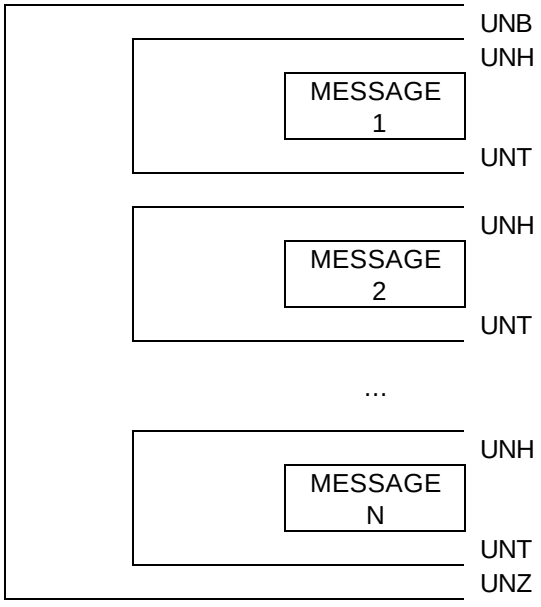
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

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
Delphi status: mandatory
Maximum use: 1 per interchange
Delphi 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.
Delphi interchange: see remarks.

Example: **UNB+UNOA:2+MBXNODelphi+MBXNOSUPPLIER+970611:0735+12++DELFOR'**
A B C D E F G H

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	S001	*SYNTAX IDENTIFIER*	M			M		
A	0001	Syntax identifier	M	a4	:	M	a4	"**UNOA**".
B	0002	Syntax version number	M	n1	+	M	n1	Indication of the syntax version used for this message.
	S002	*INTERCHANGE SENDER*	M			M		
C	0004	Sender identification	M	an..35	:	M	an..35	Communication code/mailbox number of the party originating the message.
	0007	Identification code qualifier	C	an..4	:			
	0008	Address for Reverse Routing	C	an..14	+			
	S003	*INTERCHANGE RECIPIENT*	M			M		
D	0010	Recipient identification	M	an..35	:	M	an..35	Communication code/mailbox number of the party receiving the message.
	0007	Identification code qualifier	C	an..4	:			
	0014	Routing address	C	an..14	+			
	S004	*DATE / TIME OF PREPARATION*	M			M		
E	0017	Date of preparation	M	n6	:	M	n6	YYMMDD format
F	0019	Time of preparation	M	n4	+	M	n4	HHMM format
G	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	+	M	an..14	The ICR number is **UNIQUE** 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	"**DELFOR**"
	0029	PROCESSING PRIORITY CODE	C	a1	+			
	0031	ACKNOWLEDGEMENT REQUEST	C	n1	+			
	0032	COMMUNICATIONS AGREEMENT ID	C	an..35	+			
	0035	TEST INDICATOR	C	n1	'	C	n1	Will be sent during testing

COMMENTS

0010 UNH - MESSAGE HEADER

Segment group: none
Level: 0
EDIFACT status: mandatory.
Delphi status: mandatory.
Maximum use: 1 per message.
Delphi occurrences: 1 per message.
Function: service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.
Delphi interchange: see remarks.

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

EDIFACT STANDARD DEFINITION						Delphi 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. See comments below.
	S009	*MESSAGE IDENTIFIER*	M			M		
B	0065	Message type	M	an..6	:	M	an..6	"**DELFOR**".
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	'			

COMMENTS

0062 - Message Reference Number

The Message Reference number used by Delphi is structured as follows:

First message: **1**
Second message: **2**
Up to: **9999**

1030 UNT - MESSAGE TRAILER

Segment group: none
Level: 0
EDIFACT status: mandatory
Delphi status: mandatory
Maximum use: 1 per message
Delphi 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.
Delphi interchange: see remarks.

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

EDIFACT STANDARD DEFINITION						Delphi 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

1040 UNZ - INTERCHANGE TRAILER

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

Example: **UNZ+1+12'**
A B

EDIFACT STANDARD DEFINITION						Delphi 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 Delphi and its Trading Partners. The segments are described in the same sequence as they appear in the message.

The EDIFACT DELFOR segments that are not used in the subset used by Delphi 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
Level: 1
Delphi status: mandatory
Delphi occurrences: 1 per message
Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.
Delphi interchange: see remarks.

Example: **BGM+241+19991128173352+5'**
A B C

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C002	*DOCUMENT/MESSAGE NAME*	C			C		
A	1001	Document/message name, coded	C	an..3	:	M	an..3	"**241**" = Delivery Schedule. This means that the quantities must be planned for shipment during the week indicated. Actual shipping authorzation will be provided by a DELJIT message.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	1000	Document/message name	C	an..35	+			
	C106	*DOCUMENT/MESSAGE IDENTIFICATION*	C					
B	1004	Document/message number	C	an..35	:	M	an..35	Delphi transmission date and time reference number.
	1056	Version	C	an..9	:			
	1060	Revision number	C	an..6	+			
C	1225	MESSAGE FUNCTION, CODED	C	an..3	+	M	an..3	Function of the message. For code value see below.
	4343	RESPONSE TYPE, CODED	C	an..3	'			

CODE VALUES

1225 - Message Function, coded

4 Change
Message contains items that must be changed in a previous message
5 Replace
This schedule replaces the previous schedule.

0030 DTM - DATE/TIME/PERIOD

Segment group: none
Level: 1
EDIFACT status: mandatory
Delphi status: mandatory
Maximum use: 10 per message at level 1
Delphi occurrences: max. 3 per message
Function: segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the Delivery Schedule document date.
Delphi interchange: there may be up to 3 occurrences of DTM in position 0030: one to specify the message issue date, one to specify the horizon start date and one for the horizon end date.

Example: **DTM+158:19970616:102'** [horizon start]
DTM+159:19971103:102' [horizon end]
A B C

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Horizon start date.								
	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.								
	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.

Segment group 2: NAD-SG3-SG4

Segment group: 2 [SG2] Level: 1
EDIFACT status: conditional Delphi status: conditional
Maximum use: 99 per message at level 1 Delphi occurrences: max. 4 per message
Function: group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.
Delphi interchange: see segment description.

0090 NAD - NAME AND ADDRESS

Segment group: 2 [NAD] Level: 1
EDIFACT status: mandatory if segment group 2 is used Delphi status: mandatory
Maximum use: 1 per segment group 2 (max. 99) Delphi occurrences: 1 per segment group 2
Function: segment for identifying names and addresses and their functions relevant for the whole Delivery Schedule. Identification of the seller and buyer parties is recommended for the Delivery Schedule message. Exception: the identification of the recipient of the goods must be given in the detail section.
Delphi interchange: the message may contain maximum 4 NAD's in position 0060 as detailed below. Delphi will always transmit all 3 occurrences.

Example: **NAD+MI+004255410::16'** [Material issuer]
NAD+SU+174899146::16++AMBRAKE CORP' [Supplier]
NAD+SF+10000896::92' [Ship From]
NAD+OB+004255410::16' [Original Buyer]
A B C D

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Planning schedule/material release issuer (buyer).								
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**MI**" = Material issuer.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the issuer of the planning schedule. 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					
	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	*PARTY NAME*	C			C		
D	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	*STREET*	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

Supplier

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**SU**" = Supplier.
	C082	*PARTY IDENTIFICATION DETAILS*	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 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 From location ('SF' party qualifier is optional)

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**SF**" = Ship From.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ship from location.
	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.						

Original Buyer ('OB' party qualifier is optional)

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**OB**" = Original Buyer
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ship from location.
	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

Individual notification by the implementation plant.

3055 - Code List Responsible Agency, coded

16 DUN & Bradstreet (DUNS) - (currently used by Delphi with 9 digits)
92 Assigned by buyer

Segment group 6: GIS-SG7-SG12

Segment group: 6 [SG6] Level: 1
EDIFACT status: conditional Delphi status: conditional
Maximum use: 9999 per message Delphi occurrences: max. 9999 per message
Function: group of segments providing details on delivery points and products and related information using one of both scheduling methods.
Delphi interchange: see segment description.

0200 GIS - GENERAL INDICATOR

Segment group: 6 [GIS] Level: 1
EDIFACT status: mandatory if segment group 6 is used Delphi status: mandatory
Maximum use: 1 per segment group 6 Delphi occurrences: 1 per segment group 6
Function: segment to indicate which method is used by the relevant processing indicator code.
Delphi interchange: see remarks.

Example: **GIS+37'**
A

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C529	*PROCESSING INDICATOR*	M			M		
A	7365	Processing indicator, coded	M	an..3	:	M	an..3	For code value see below.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3				
	7187	Process type identification	C	an..17	'			

CODE VALUES

7365 - Processing indicator, coded

36 Changed information (used for 3rd party suppliers)
37 Complete information

Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11

Segment group: 7 [GIS.SG7] Level: 2
EDIFACT status: conditional Delphi status: conditional
Maximum use: 1 per segment group 6 Delphi occurrences: 1 per segment group 6
Function: group of segments needed to identify a delivery point and its attached information when the delivery point method is used
Delphi interchange: see segment description.

0220 NAD - NAME AND ADDRESS

Segment group: 7 [GIS.NAD] Level: 2
EDIFACT status: mandatory if segment group 7 is used Delphi status: mandatory
Maximum use: 1 per segment group 7 Delphi occurrences: 1 per segment group 7
Function: segment for identifying names and addresses and their functions relevant to the delivery point. All other segments in this segment group 7 following the NAD segment refer to that delivery point.
Delphi interchange: see remarks.

Example: **NAD+ST+72443::92++DELPHI'**
A B C D

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**ST**" = Ship To.
	C082	*PARTY IDENTIFICATION DETAILS*	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 value 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					
	3124	Name and address line	M	an..35	:			
	3124	Name and address line	C	an..35	+			
	C080	*PARTY NAME*	C			C		
D	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	:			
	3045	Party name format, coded	C	an..3	+			
	C059	*STREET*	C					
	3042	Street and number/P.O.. box	M	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	"			

CODE VALUES

3039 - Party Id. Identification

Field max. of 7characters which includes plant name and in some cases, building code concatenated to the end of plant code. Refer to the supplementary document section on the web site titled "Delivery Locations - Chassis Division". This document lists the plant code which corresponds to the delivery address information. For third party deliveries, NAD-3039 will contain a vendor or customer number (max. of 16 characters). The corresponding delivery address can be obtained from your Delphi Supplier contract.

3055 - Code List Responsible Agency, coded

16 DUN & Bradstreet (DUNS)
92 Assigned by buyer

Segment group 10: CTA-COM

Segment group: 10 [SEQ.LIN.LOC.SG10] Level: 4
EDIFACT status: conditional Delphi status: conditional
Maximum use: 5 per LOC in segment group 9 Delphi occurrences: 1 per preceding LOC
Function: group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.
Delphi interchange: CTA-COM group will be used only for contact information on Kanban materials. See segment description.

0320 CTA - CONTACT INFORMATION

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

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

EDIFACT STANDARD DEFINITION						Delphi 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.

0330 COM - COMMUNICATION CONTACT

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

Example: **COM+4961426690:TE'**
A B

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C076	*COMMUNICATION CONTACT*	M			M		
A	3148	Communication number	M	an..512	:	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

TE Telephone.

Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22

Segment group: 12 [GIS.SG12] Level: 2
EDIFACT status: conditional Delphi status: conditional
Maximum use: 9999 per GIS in segment group 06 Delphi occurrences: max. 9999 per SG6
Function: group of segments providing details of the individual line items for the specified delivery point.
Delphi interchange: see segment description.

0380 LIN - LINE ITEM

Segment group: 12 [GIS.LIN] Level: 2
EDIFACT status: mandatory if segment group 12 is used Delphi status: mandatory
Maximum use: 1 per segment group 12 (max. 9999 per GIS) Delphi occurrences: 1 per segment group 12
Function: segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
Delphi interchange: see remarks.

Example: **LIN+++21010562:IN'**
A B

EDIFACT STANDARD DEFINITION						Delphi 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	+			
	C212	*ITEM NUMBER IDENTIFICATION*	C			M		
A	7140	Item number	C	an..35	:	M	an..35	
B	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	an..6	+			
	1222	CONFIGURATION LEVEL	C	n..2	+			
	7083	CONFIGURATION, CODED	C	an..3	'			

0390 PIA – ADDITIONAL PRODUCT ID

Segment group: 12 [LIN.PIA]
Level: 2
EDIFACT status: conditional
Delphi status: conditional
Maximum use: 10 per segment group 12 (max. 9999 per LIN)
Delphi occurrences: 2 per segment group 12
Function: segment providing additional product identification.
Delphi interchange: see remarks.
Note: Used only by third party suppliers shipping direct to Delphi Customers.

Example: **PIA+1+0:RY'** [recordkeeping year]

PIA+1+87654321:UA' [Ultimate Customer part number]
A B

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	4347	Product ID function qualifier	C	An..3	+	M	an..3	"**1**" = additional identification
	C212	*ITEM NUMBER IDENTIFICATION*	C			M		
A	7140	Item number	C	an..35	:	M	an..35	Customer part number.
B	7143	Item number type, coded	C	an..3	:	M	an..3	"**RY**" = Recordkeeping year.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			

	4347	Product ID function qualifier	C	An..3	+	M	an..3	"**1**" = additional identification
	C212	*ITEM NUMBER IDENTIFICATION*	C			M		
A	7140	Item number	C	an..35	:	M	an..35	Customer part number.
B	7143	Item number type, coded	C	an..3	:	M	an..3	"**UA**" = Ultimate Customers part number.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	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	+			
	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	+			
	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	+			
	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	+			

0400 IMD - ITEM DESCRIPTION

Segment group: 12 [GIS.LIN.IMD] Level: 3
EDIFACT status: conditional Delphi status: conditional
Maximum use: 10 per LIN in segment group 12 Delphi occurrences: 1 per segment group 12
Function: segment for describing the product or the service to be delivered.
Delphi interchange: see remarks.

Example: **IMD+++:::KIT-SHOE RETAINER'**
A

EDIFACT STANDARD DEFINITION						Delphi 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	:			
A	7008	Item description	C	an..35	:	C	an..35	Clear text description of the part defined in the preceding LIN.
	7008	Item description	C	an..35	:			
	3453	Language, coded	C	an..3	+			
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'			

0450 LOC - PLACE/LOCATION IDENTIFICATION

Segment group: 12 [GIS.LIN.LOC] Level: 3
EDIFACT status: conditional Delphi status: conditional
Maximum use: 999 per LIN in segment group 12 Delphi occurrences: max. 2 per segment group 12
Function: segment identifying a specific location to which products, as specified in the LIN-Segment group, should be delivered.
Delphi interchange: see remarks.

Example: **LOC+11+HP01'** [Receiving dock]
LOC+159+0001' [Material handling code]
A B

EDIFACT STANDARD DEFINITION						Delphi 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 either 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 NOT USED.						

Segment group 13: RFF-DTM

Segment group:	13 [GIS.LIN.SG13]	Level:	3
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	10 per LIN in segment group 12	Delphi occurrences:	1 per segment group 12
Function:	group of segments giving references related to the line item and where necessary, their dates.		
Delphi interchange:	see segment description.		

0490 RFF - REFERENCE

Segment group:	13 [GIS.LIN.RFF]	Level:	3
EDIFACT status:	mandatory if segment group 13 is used	Delphi status:	mandatory
Maximum use:	1 per segment group 13 (max. 10)	Delphi occurrences:	1 per segment group 13
Function:	segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.		
Delphi interchange:	see remarks.		

Example:
RFF+ON:0550000948'
RFF+RE:48'
RFF+CR:0493582'
A B

Used only for third party suppliers
Shipping direct to Delphi Customer's.

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	*REFERENCE*	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	Identification of the communication means. For code value see below.
B	1154	Reference number	C	an..35	:	C	an..35	Number of the Purchase Order relevant for the article defined in the preceding LIN.
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

CODE VALUES

1153 - Communication number, qualifier

ON	Order Number
RE	Release Number
CR	Customer's Reference number

0500 DTM - DATE/TIME/PERIOD

Segment group: none
Level: 4
EDIFACT status: mandatory
Delphi status: Conditional
Maximum use: 10 per message at level 1
Delphi occurrences: max. 3 per message
Function: segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the Delivery Schedule document date.
Delphi interchange: there may be up to 3 occurrences of DTM in position 0030: one to specify the message issue date, one to specify the horizon start date and one for the horizon end date.

Example: **DTM+137:19970611:102'** [document generation]
A B C

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Document generation date.								
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**137**" = Document message date/time.
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.

Segment group 14: TDT-DTM

Segment group:	14 [GIS.LIN.SG14]	Level:	3
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	10 per LIN in segment group 12	Delphi occurrences:	1 per segment group 12
Function:	group of segments specifying the mode and means of transportatin.		
Delphi interchange:	see segment description.		

0520 TDT – DETATILS OF TRANSPORTATION

Segment group:	13 [GIS.LIN.TDT]	Level:	3
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	1 per segment group 13 (max. 10)	Delphi occurrences:	1 per segment group 13
Delphi interchange:	see remarks. Note: Used only by third party suppliers shipping direct to Delphi Customers.		

Example: **TDT+1+++++SD'**
A B

A	8051	Transportation stage qualifier	C	An..3	+	M	an..3	"**1**" = inland transportation
	8028	Conveyance reference number	C	An..17	+	C		
	C220	*Mode of Transportation*	C		+	C		
	C228	*Transportation Means*	C		+	C		
	C040	*Carrier*	C		+			
B	8101	Transportation direction, coded	C	an..3	+	M	an..3	"SD" = Seller to drop ship designated location.
	C401	*Excess transportation information*	C		+	C		
	C222	*Transportation identification*	C		+			
	8281	Transportation ownership, coded	C	an..3	+			

Use of segment groups 15 and 17 in message from Delphi

Segment groups 15 and 17 are used to provide 6 different kinds of quantity information, i.e.:

CALCULATION INFORMATION		
cumulative quantity received	[qualifier 6063 = 79]	SG16
REQUIREMENTS INFORMATION		
quantity to be delivered	[qualifier 6063 = 1]	SG17
AUTHORISATION INFORMATION		
cumulative fabrication authorisation	[qualifier 6063 = 3]	SG17
cumulative material authorisation	[qualifier 6063 = 3]	SG17

Each use of segment group 15 and 17 is described separately in the following pages.

CALCULATION INFORMATION

Segment group 15: QTY-DTM-SG16

Segment group:	15 [GIS.LIN.SG15]	Level:	3
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	10 per LIN in segment group 12	Delphi occurrences:	max.10 per segment group 12
Function:	group of segments specifying product quantities and associated dates not related to schedules and where relevant references.		
Delphi interchange:	see description of different occurrences of segment group 15.		

SEGMENT GROUP 15

CUMULATIVE QUANTITY RECEIVED

0440.[SEQ.LIN].**QTY**	Cumulative quantity received
0480.[RFF.DTM].**RFF**	Cumulative calculation period start date
0490.[RFF.DTM].**DTM**	Date of last ASN

0550 QTY - QUANTITY

Example: **QTY+70:5000:C62'**
A B C

EDIFACT STANDARD DEFINITION						Delphi 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" = Actual cumulative quantity received by Delphi.
B	6060	Quantity	M	n..15	:	M	n..12	Cumulative quantity received since start of inventory year by this supplier to this plant.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation no. 20.

COMMENTS

6060 – Quantity

Supplier payment made against Delphi Quantity Received and not Supplier Quantity Shipped.

Segment group 16: RFF-DTM

Segment group:	12	Level:	4
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	10 per message at level 1	Delphi occurrences:	1 per message
Function:	group of segments giving references only relevant to the specified party rather than the whole message, e.g. contract number.		
Delphi interchange:	only RFF is transmitted in segment group 1.		

0580 RFF - REFERENCE

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

Example: **RFF+SI:78650'**
A B

EDIFACT STANDARD DEFINITION						Delphi 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**" = Shipper Identification.
B	1154	Reference number	C	an..35	:	C	an..35	This number is the reference supplier Delivery Note number of the last delivery received.
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

0590 DTM - DATE/TIME/PERIOD

Example: **DTM+11:19970910:102'** [End date]
A B C

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
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.

REQUIREMENT INFORMATION

Segment group 17: SCC-SG18

Segment group:	17 [GIS.LIN.SG17]	Level:	3
EDIFACT status:	conditional	Delphi status:	conditional
Maximum use:	999 per LIN in segment group 12	Delphi occurrences:	max. 999 per SG12
Function:	group of segments specifying the schedule information for the product identified in the LIN segment. This segment group provides the schedule for the identified delivery point and product.		
Delphi interchange:	see description of different occurrences of segment group 17.		

SEGMENT GROUP 17

QUANTITY TO BE DELIVERED.

0610.[GIS.LIN].**SCC**	Schedule status & delivery frequency
0630.[GIS.LIN.SCC].**QTY**	Quantity to be delivered
0640.[GIS.LIN.SCC.QTY].**DTM**	Delivery date/time

0610 SCC - SCHEDULING CONDITIONS

Segment group:	17 [GIS.LIN.SCC]	Level:	3
EDIFACT status:	mandatory if segment group 17 is used	Delphi status:	mandatory
Maximum use:	1 per segment group 17	Delphi occurrences:	1 per segment group 17
Function:	segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.		
Delphi interchange:	Delphi will transmit up to 20 weekly quantities and up to 5 four-weekly quantities.		

Example: **SCC+1++W'** [weekly quantities]
SCC+4++F' [flexible planning quantities]
A B

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	Code value qualifying the quantity defined in the following QTY. For code value see below.
	4493	DELIVERY REQUIREMENTS, CODED	C	an..3	+			
	C329	*PATTERN DESCRIPTION*	C			C		
B	2013	Frequency, coded	C	an..3	:	C	an..3	Definition of the time unit for the quantity defined in the preceding QTY. For code value see below.
	2015	Despatch pattern, coded	C	an..3	:	C	an..3	
	2017	Despatch pattern timing, coded	C	an..3	'			

CODE VALUES

4017 - Delivery Plan Status Indicator, coded

1 Firm quantity
4 Planning quantity

2013 - Frequency, coded

F Flexible interval
W Weekly

Segment group 18: QTY-DTM-SG19

Segment group: 18 [GIS.LIN.SCC.SG17] Level: 4
EDIFACT status: conditional Delphi status: conditional
Maximum use: 999 per SCC in segment group 17 Delphi occurrences: max. 999 per SG17
Function: group of segments specifying product quantities and associated dates.
Delphi interchange: see description of different occurrences of segment group 17.

0630 QTY - QUANTITY

Segment group: 18 [GIS.LIN.SCC.QTY] Level: 4
EDIFACT status: mandatory if segment group 18 is used Delphi status: mandatory
Maximum use: 1 per segment group 18 (max. 999 per SCC) Delphi occurrences: 1 per segment group 18
Function: segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Delphi interchange: see remarks.

Example: **QTY+1:9999:C62'**
A B C

EDIFACT STANDARD DEFINITION						Delphi 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..15	Forecasted quantity for the time period defined by the preceding SCC.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640 DTM - DATE/TIME/PERIOD

Segment group: 18 [GIS.LIN.SCC.QTY.DTM] Level: 5
EDIFACT status: conditional Delphi status: conditional
Maximum use: 2 per QTY in segment group 18 Delphi occurrences: max. 2 per segment group 18
Function: segment indicating date/time/period details relating to the given quantity.
Delphi interchange: see remarks.

Example: **DTM+10 :19970616:102'** [always]
DTM+159:19970713:102' [Fifty-two weeks quantities]
A B C

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

1st occurrence: always *(SCC 2013 = W or F).*

	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**10**" = Shipment date/time, requested.
	2380	Date/time/period	C	an..35	:	M	an..35	Monday of the week/period associated with the quantity defined in the preceding QTY.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

2nd occurrence: fifty-two weeks quantities *(only when SCC 2013 = F)* - **end date of fifty-two weeks period**

	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**159**" = Horizon end date
	2380	Date/time/period	C	an..35	:	M	an..35	Sunday of the last week.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

AUTHORIZATION INFORMATION

SEGMENT GROUP 17
CUMULATIVE FABRICATION AUTHORIZATION

0610.[GIS.LIN].**SCC**	Cumulative fabrication authorization quantity
0630.[GIS.LIN.SCC].**QTY**	Authorisation code
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period start date
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period end date

0610 SCC - SCHEDULING CONDITIONS

Description: see quantity information 1.

Example: **SCC+2'**
A

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	"**2**" = Commitment for manufacturing and material. (Fabrication Authorization)
		REST OF SEGMENT NOT USED.						

0630 QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:400:C62'**
A B C

EDIFACT STANDARD DEFINITION						Delphi 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**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative fabrication authorisation quantity for the period defined in the following DTM's
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640 DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

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

EDIFACT STANDARD DEFINITION						Delphi 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	Last date of the authorisation
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

SEGMENT GROUP 17
CUMULATIVE MATERIAL AUTHORIZATION

0610.[GIS.LIN].**SCC**	Authorization code
0630.[GIS.LIN.SCC].**QTY**	Cumulative material authorisation quantity
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period start date
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period end date

0610 SCC - SCHEDULING CONDITIONS

Description: see quantity information 1.

Example: **SCC+3'**
A

EDIFACT STANDARD DEFINITION						Delphi IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	"**3**" = Commitment for material. (Material Authorization)
		REST OF SEGMENT NOT USED.						

0630 QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:400:C62'**
A B C

EDIFACT STANDARD DEFINITION						Delphi 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**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative material authorisation quantity for the period defined in the following DTM's
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640 DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

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

EDIFACT STANDARD DEFINITION						Delphi 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	Last date of the authorization.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

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+**VG4**:ZZ+ MBXNOSUPPLIER:ZZ+991128:1733+16++DELFOR'	*Chassis Mailbox ID*
or	
UNB+UNOA:2+**VG5**:ZZ+ MBXNOSUPPLIER:ZZ+991128:1733+16++DELFOR'	*Singapore Mailbox ID*
UNH+1+DELFOR:D:97A:UN'	
BGM+241+19991128173352+5'	
DTM+158:19991003:102'	*Horizon start date*
DTM+159:20001231:102'	*Horizon end date*
NAD+MI+595172891::16'	*Material issuer*
NAD+SU+SUPPLIERDUNSNO::16++ SUPPLIER NAME '	*Supplier DUNS number and name*
NAD+SF+0001009999::92++SUPPLIER NAME'	*Ship From*
GIS+37'	
NAD+ST+ H402::92++ DELPHI CHASSIS - VANDALIA '	*Delphi Ship To Location*
CTA+IC+:EMILY HOON'	*Delphi Contact name*
COM+12345+65 450-8602:TE'	*Delphi Contact Telephone Number*
LIN+++16016704:IN'	*Delphi Part Number*
PIA+1+87654321:UA'	Ultimate Customers Part Number (3rd Party Supplier only)
IMD+++:::XSTR-NPN,TO92'	*Delphi Part Description*
LOC+11+DD22'	*Plant code*
LOC+159+KBSL22'	*Storage location with Kanban indicator*
RFF+ON:0550002304'	*Purchase Order*
RFF+RE:6'	*Release Number*
RFF+CR:0493582'	*Customer's reference number (3rd Party Supplier only)*
DTM+137:19991127:102'	*Release date*
TDT+1+++++SD'	Details of Transportation (3rd Party Supplier only)
QTY+70:80000:C62'	*Cum. quantity received*
RFF+SI:341794'	*Shipper Identification*
DTM+11:19991123:102'	*Last ASN Date sent by the supplier*
SCC+4++F'	*Planning Quantity (flexible interval)*
QTY+1:8669:C62'	*Quantity for week 1*
DTM+10:19991108:102'	*Date Supplier should ship material*
DTM+159:19991114:102'	*Weekly period end date*
QTY+1:13428:C62'	*Quantity for week 2*
DTM+10:19991115:102'	*Date Supplier should ship material*
DTM+159:19991121:102'	*Weekly period end date*
QTY+1:28892:C62'	*Quantity for week 3*
DTM+10:19991122:102'	*Date Supplier should ship material*
DTM+159:19991128:102'	*Weekly period end date*
SCC+2'	*Fabrication authorization*
QTY+3:100000:C62'	*Cumulative fabrication authorization quantity*
DTM+52:19991225:102'	*Cumulative quantity end date*
SCC+3'	*Material authorization*
QTY+3:100000:C62'	*Cumulative material authorization quantity*
DTM+52:20000219:102'	*Cumulative quantity end date*
UNT+38+1'	
UNZ+1+16'	

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.

4. MESSAGE INFORMATION

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

4.1. SEGMENTS REPERTORY

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

4.1.1. Segments in alphabetical sequence

Segment name	Tag
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
Document/message details	DOC
Free text	FTX
General indicator	GIS
Goods identity number	GIN
Item description	IMD
Line item	LIN
Measurements	MEA
Name and address	NAD
Package	PAC
Package identification	PCI
Place/location identification	LOC
Quantity	QTY
Reference	RFF
Related identification numbers	GIR
Scheduling conditions	SCC

4.1.2. Segments in segment tag sequence

Tag	Segment name
ALI	Additional information
BGM	Beginning of message
COM	Communication contact
CTA	Contact information
DOC	Document/message details
DTM	Date/time/period
FTX	Free text
GIN	Goods identity number
GIR	Related identification numbers
GIS	General indicator
IMD	Item description
LIN	Line item
LOC	Place/location identification
MEA	Measurements
NAD	Name and address
PAC	Package
PCI	Package identification

PIA	Additional product id
QTY	Quantity
RFF	Reference

Tag	Segment name
SCC	Scheduling conditions
TDT	Details of transport

4.2. DATA ELEMENTS REPERTORY

The following listings show all the data elements defined for the EDIFACT DELFOR D97.A message, used as basis for the Delphi 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.

Data element name	Tag
Acknowledgement 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

Tag	Data element name	Segment(s)
0001	Syntax Identifier	UNB
0002	Syntax Version Number	UNB
0004	Sender Identification	UNB

Tag	Data element name	Segment(s)
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
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	Acknowledgement 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 identifier, coded	3153
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 authorisation 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

Data element name Tag

Document/message number 1004
Document/message source 1366
Document/message status, coded 1373

Excess transportation reason, coded 8457
Excess transportation responsibility, coded 8459

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
Measurement attribute 6154
Measurement attribute identification 6155
Measurement purpose qualifier 6311
Measurement significance, coded 6321
Measurement value 6314
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 copies of document required 1220
Number of originals of document required 1218
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
Process type identification ... 7187
Processing indicator, coded ... 7365
Product Id. function qualifier ... 4347
Property measured, coded ... 6313

Quantity ... 6060
Quantity qualifier ... 6063

Data element name	Tag
Range maximum	6152
Range minimum	6162
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
Set identification qualifier	7297
Shipping marks	7102
Significant digits	6432
Special conditions, coded	4183
Status, coded	4405
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

4.5.4. Data elements in tag sequence

Tag	Data element name	Segment(s)
1000	Document/message name	BGM, DOC
1001	Document/message name, coded	BGM, DOC
1004	Document/message number	BGM, DOC
1056	Version	BGM
1060	Revision number	BGM
1082	Line item number	LIN
1131	Code list qualifier	BGM, DOC, FTX, GIS, IMD, LIN LOC, PAC, PCI, PIA, TDT
1153	Reference qualifier	RFF

1154	Reference number	RFF
1156	Line number	RFF
1218	Number of originals of document required	DOC
1220	Number of copies of document required	DOC
1222	Configuration level	LIN
1225	Message function, coded	BGM
1229	Action request/notification, coded	LIN
1366	Document/message source	DOC
1373	Document/message status, coded	DOC
2005	Date/time/period qualifier	DTM

Tag	Data element name	Segment(s)
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, DOC, FTX, GIS, IMD, LIN LOC, PAC, PCI, PIA, TDT
3124	Name and address line	NAD
3127	Carrier identification	TDT
3128	Carrier name	TDT
3139	Contact function, coded	CTA
3148	Communication number	COM
3153	Communication channel identifier, coded	DOC
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	DOC, 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
6152	Range maximum	MEA
6154	Measurement attribute	MEA
6155	Measurement attribute identification	MEA
6162	Range minimum	MEA
6311	Measurement purpose qualifier	MEA
6313	Property measured, coded	MEA
6314	Measurement value	MEA

Tag	Data element name	Segment(s)
6321	Measurement significance, coded	MEA
6411	Measure unit qualifier	MEA, QTY
6432	Significant digits	MEA
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 authorisation number	TDT
7140	Item number	LIN, PIA
7143	Item number type, coded	LIN, PAC, PIA
7187	Process type identification	GIS
7224	Number of packages	PAC
7233	Packaging related information, coded	PAC
7297	Set identification qualifier	GIR
7365	Processing indicator, coded	GIS
7383	Surface/layer indicator, coded	IMD, MEA
7402	Identity number	GIN, GIR
7405	Identity number qualifier	GIN, GIR
7511	Type of marking, coded	PCI
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