Delivery Forecast
EDIFACT DELFOR D97.A

LEAR
VERSION/COVISINT-
WEB

Map: **sudelf97w**

Document Change Log

Version	Date	Description
1.0	2002.02.01	Document issued.
1.1	2002.02.12	Adding some extra information and modifying some values.
1.2	2002.02.13	Modificate some values
1.3	2003.01.20	Modificate NAD-TE,CTA,IMD fro Covisint WED

CONTENTS

1.1 BUSINESS CONTEXT

1.1.1 APPLICATION AND CUSTOMER DETAILS

The LEAR electronic transmission of programs to the suppliers will be based on the international EDIFACT standard and the files will be transmitted according to the information in this document.

Section 2 of this document describes in detail **Lear**'s application of the EDIFACT DELFOR (Delivery Instructions) message.

LEAR will only utilize the segments and their corresponding elements as defined in this document**.**

For more information regarding all of the segments refer to ***EDIFACT Messages DELFOR Version 97A.***

1.1.2 MESSAGE FUNCTION

This message contains the previsions of consumption for each component based on the previsions of the demand of our customers adapted to our Production Plan.

Along with quantities forecast to be consumed and dates, the message will contain the last three shipping notes, the quantities received and their annual accumulation on the day of the calculation date.

Every DELFOR message totally substitutes the previsions of the prior DELFOR. In case a reference is not included in the DELFOR message it means there is no need to cover, even if it was included in a prior message.

1.1.3 FREQUENCIES

The frequencies and horizons are detailed in **LEAR EDDS Scheduling Model Document**.

2 SECTION 2 - EDI MESSAGE DETAILS

Following pages contain a full description of the EDIFACT DELFOR D97.A message as implemented by LEAR EEDS. All segments are included regardless whether used or not used in the interchange with LEAR EEDS. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with LEAR EEDS. 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.

INTRODUCTION

How to read the documentation

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

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❶ **0020** **BGM - BEGINNING OF MESSAGE**

❷ Segment group: none.
❸ EDIFACT status: mandatory.
❹ Maximum use: 1 per message.
❺ Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.

≡	EDIFACT STANDARD DEFINITION						LEAR IMPLEMENTATION
❼ REF	TAG	NAME	ST	FT	SP		REMARKS
	C002	*DOCUMENT/MESSAGE NAME*	C				
A	1001	Document/message name, coded	C	an..3	:		'**241**' = Delivery Schedule
❽	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	:		Assigned release number
	1056	Version	C	an..9	:		
	1060	Revision number	C	an..6	+		
C	1225	MESSAGE FUNCTION, CODED	C	an..3	+		Function of the message. For code values see below.
	4343	RESPONSE TYPE, CODED	C	an..3	‘		

❾ **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 LEAR.

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

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

❻ 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.

❼ definition of the segment content as defined by EDIFACT

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

❾ Shaded areas description mean that the data elements is not used by LEAR

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 LEAR
- code values to be used for data elements contained in the message.

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 **YYMMDDHHMM** (qualifier 2379 = 203).

- **Times**

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

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 LEAR. 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

POS.	TAG	NAME	ST	REPEATS
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 product id	C	10
0400	IMD	Item description	C	10
0410	MEA	Measurements	C	5
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
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

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 LEAR and will be further explained in section 3.6.

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, 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.

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.

SERVICE SEGMENTS DESCRIPTION

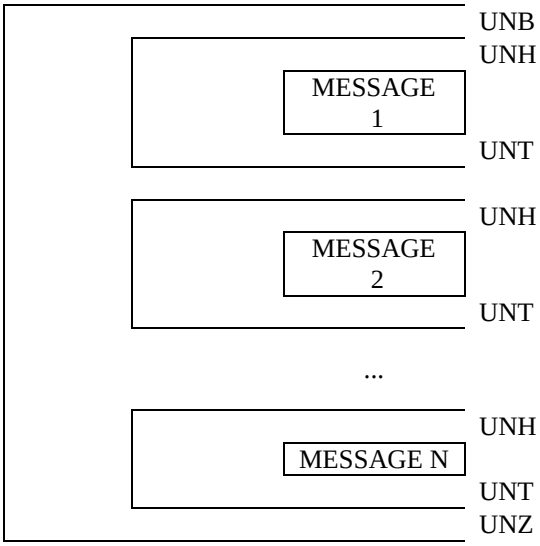
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

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
Maximum use: 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.
LEAR interchange: see remarks.

Example: **UNB+UNOA:3+MBXNOEMISOR+MBXNORECEPTOR+020211:1809+31'**

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

0010 UNH - MESSAGE HEADER

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

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

EDIFACT STANDARD DEFINITION						LEAR IMPLEMENTATION
REF	TAG	NAME	ST	FT	SP	REMARKS
A	0062	MESSAGE REFERENCE NUMBER	M	an..14	+	Message Control number assigned by the sender to the message. See comments below.
	S009	*MESSAGE IDENTIFIER*	M			
B	0065	Message type	M	an..6	:	"**DELFOR**".
C	0052	Message version number	M	an..3	:	"**D**".
D	0054	Message release number	M	an..3	:	"**97A**".
E	0051	Controlling agency	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 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
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.
LEAR interchange: see remarks.

Example: **UNT+135+1'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	0074	NUMBER OF SEGMENTS IN THE MESSAGE	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		Number must be identical to UNH - tag 0062

1040 UNZ - INTERCHANGE TRAILER

Segment Group: none Level: 0
EDIFACT status: mandatory
Maximum use: 1
Function: service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.
LEAR interchange: see remarks.

Example: **UNZ+1+31'**

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

DATA SEGMENTS DESCRIPTION

This part includes only the segments defined in the standard and used in the subset exchanged between LEAR 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 LEAR are included in alphabetical sequence under item 3.9.

0020 BGM - BEGINNING OF MESSAGE

Segment group: none Level: 1
EDIFACT status: mandatory
Maximum use: 1 per message
Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.
LEAR interchange: See remarks.

Example: **BGM+241+00000000000000205+5'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C002	*DOCUMENT/MESSAGE NAME*	C			
A	1001	Document/message name, coded	C	an..3	:	"241" = Delivery Schedule
	1131	Code list qualifier	C	an..3	:	
	3055	Code list responsible agency, coded	C	an..3	:	
B	1000	Document/message name	C	an..35	+	
	C106	*DOCUMENT/MESSAGE IDENTIFICATION*	C			
C	1004	Document/message number	C	an..35	:	Lear assigned release number.
	1056	Version	C	an..9	:	
	1060	Revision number	C	an..6	+	
D	1225	MESSAGE FUNCTION, CODED	C	an..3	+	"5" = Replace This schedule replaces totally the previous one.
	4343	RESPONSE TYPE, CODED	C	an..3	'	

0030 DTM - date/time/period

Segment group: none Level: 1
EDIFACT status: mandatory
Maximum use: 10 per message at level 1
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.
LEAR interchange: See remarks.

Example: **DTM+137:200201220445:203'**

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

Segment group 2: NAD-SG3-SG4

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

0090 NAD - name and address

Segment group: 2 [NAD] Level: 1
EDIFACT status: mandatory if segment group 2 is used
Maximum use: 1 per segment group 2 (max. 99)
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.
Lear interchange: The message will contain 2 NAD segments.

Example: **NAD+SU+00006200::92++EJOT VERBINDUNQSTECHNIK'**
NAD+BY+0941A43003987A::92++LEAR AUTOMOT.(EEDS) SPAIN SL'

Seller

REF	TAG	NAME	ST	FT	SP	REMARKS
A	3035	PARTY QUALIFIER	M	an..3	+	"**SU**" = Supplier.
	C082	*PARTY IDENTIFICATION DETAILS*	C			
B	3039	Party id. Identification	M	an..35	:	Code identifying the supplier.
	1131	Code list qualifier	C	an..3	:	
	3055	Code list responsible agency, coded	C	an..3	+	"**92**" = Assigned by the buyer
	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			
D	3036	Party name	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	"	

Buyer

A	3035	PARTY QUALIFIER	M	an..3	+	"**BY**" = Buyer.
	C082	*PARTY IDENTIFICATION DETAILS*	C			
B	3039	Party id. Identification	M	an..35	:	Code identifying the buyer.
	1131	Code list qualifier	C	an..3	:	
	3055	Code list responsible agency, coded	C	an..3	+	"**92**" = Assigned by the buyer
	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	:	Adress line 3
	3124	Name and address line	C	an..35	:	Adress line 4
	3124	Name and address line	C	an..35	+	
	C080	*PARTY NAME*	C			
D	3036	Party name	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	"	

Segment group 4: CTA-COM

Segment group: 4 [NAD. SG4] Level: 2
EDIFACT status: conditional
Maximum use: 5 per group 2
Function: A group of segments to identify person, function, or department and appropriate numbers to whom communication should be directed.
LEAR interchange: see segment description.

0140 CTA – CONTACT INFORMATION

Segment group: 4 [NAD.COM] Level: 2
EDIFACT status: mandatory if segment group 4 is used
Maximum use: 1 per segment group 4 (máx. 5 per NAD)
Function: A segment to identify the person, function, or department to whom communication should be directed to suppplier.
LEAR interchange: see remarks.

Example: **CTA+IC+: CONTACT PERSON'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	3139	CONTACT FUNCTION, CODED	C	an..3	+	"IC" = Information contact
	C056	*DEPARTMENT OR EMPLOYEE, CODED*	C			
A	3413	Department or employee id.	C	an..17	:	
	3412	Department or employee	C	an..35	'	

0150 COM – COMMUNNICATION CONTACT

Segment group: 4 [NAD.CTA] Level: 2
EDIFACT status: conditional
Maximum use: 5 per segment group 4
Function: A segment identifying communication types and numbers for the person, function, or department identified in the CTA segment.
LEAR interchange: see remarks.

Example: **COM+4927521090:TE'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C076	*COMMUNICATION CONTACT*	M			
A	3148	Communication Number	M	an..25	:	Contact telephone number
	3155	Communication channel qualifier	C	an..3	'	"TE" = Telephone

Segment group 6: GIS-SG7-SG12

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

0200 GIS - GENERAL INDICATOR

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

Example: **GIS+37'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C529	*PROCESSING INDICATOR*	M			
A	7365	Processing indicator, coded	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 ship direct)
37 Complete information

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

Segment group: 7 [GIS.SG7] Level: 2
EDIFACT status: conditional
Maximum use: 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
LEAR 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
Maximum use: 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.
LEAR interchange: see remarks.

Example: **NAD+ST+SP02PSCH::92++LEAR AUTOMOT.(EEDS) SPAIN SL'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	3035	PARTY QUALIFIER	M	an..3	+	"**ST**" = Ship To.
	C082	*PARTY IDENTIFICATION DETAILS*	C			
B	3039	Party id. Identification	M	an..35	:	Code identifying the plant where the material must be delivered.
	1131	Code list qualifier	C	an..3	:	
C	3055	Code list responsible agency, coded	C	an..3	+	"92" = Assigned by the buyer.
	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			
D	3036	Party name	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	"	

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
Maximum use: 9999 per GIS in segment group 06
Function: group of segments providing details of the individual line items for the specified delivery point.
LEAR interchange: see segment description.

0380 LIN - line item

Segment group: 12 [GIS.LIN] Level: 2
EDIFACT status: mandatory if segment group 12 is used
Maximum use: 1 per segment group 12 (max. 9999 per GIS)
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.
LEAR interchange: see remarks.

Example: **LIN+++320550056:IN'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	1082	LINE ITEM NUMBER	C	n..6	+	
	1229	ACTION REQUEST/ NOTIFICATION, CODED	C	an..3	+	
	C212	*ITEM NUMBER IDENTIFICATION*	C			
A	7140	Item number	C	an..35	:	Lear assigned part number.
B	7143	Item number type, coded	C	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 [GIS.LIN.PIA] Level: 3
EDIFACT status: conditional
Maximum use: 10 per LIN in segment group 12
Function: segment providing additional product identification.
LEAR interchange: see remarks.

Example: **PIA+1+54159212801:SA'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	4347	PRODUCT ID. FUNCTION QUALIFIER	M	an..3	+	"**1**" = Additional identification
	C212	*ITEM NUMBER IDENTIFICATION*	M			
B	7140	Item number	C	an..35	:	If used entry is customer part number.
C	7143	Item number type, coded	C	an..3	:	"**SA**" = Supplier Article
	1131	Code list qualifier	C	an..3	:	
	3055	Code list responsible agency, coded	C	an..3	+	
	C212	*ITEM NUMBER IDENTIFICATION*	C			
D	7140	Item number	C	an..35	:	
E	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			
F	7140	Item number	C	an..35	:	
G	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	'	

0400 IMD - additional product id

Segment group: 12 [GIS.LIN.IMD] Level: 3
EDIFACT status: conditional
Maximum use: 10 per LIN in segment group 12
Function: segment providing additional product identification.
LEAR interchange: see remarks.

Example: '**IMD+++BK ARNIT TX5177**'

REF	TAG	NAME	ST	FT	SP	REMARKS
A	7077	ITEM DESCRIPTION CODE	C	an..3	+	
B	7081	ITEM DESCRIPTION CARACTERIST	C	AN3	+	
	C273	*ITEM NUMBER*	C			
C	7140	Item Description	C	an..35	:	Lear item Description

0450 LOC - place/location identification

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

Example: **LOC+11+SP02PSCH::92'**

Receiving dock identification.

REF	TAG	NAME	ST	FT	SP	REMARKS
A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	"**11**" = Place/port of discharge.
	C517	*LOCATION IDENTIFICATION*	C			
B	3225	Place/location identification	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	:	"**92**" = Assigned by the buyer.
	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	'	

0470 FTX - free text

Segment group: 12 (GIS.LIN.LOC) Level: 3
EDIFACT status: conditional
Maximum use: 5 per LIN in segment group 12
Function: segment with free text in coded or clear form to give further clarification when required.
LEAR interchange: see remarks

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

REF	TAG	NAME	ST	FT	SP	REMARKS
A	4451	TEXT SUBJECT QUALIFIER	M	an..3	+	"**AAI**" = General information.
	4453	TEXT FUNCTION, CODED	C	an..3	+	
	C107	*TEXT REFERENCE*	C			
	4441	Free text identification	M	an..17	:	
	1131	Code list qualifier	C	an..3	:	
	3055	Code list responsible agency, coded	C	an..3	+	
	C108	*TEXT LITERAL*	C			
B	4440	Free text	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 13: RFF-DTM

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

0490 RFF - REFERENCE

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

Example: **RFF+ON:NN6200EU'**

EDIFACT STANDARD DEFINITION						LEAR IMPLEMENTATION
REF	TAG	NAME	ST	FT	SP	REMARKS
	C506	*REFERENCE*	M			
A	1153	Reference qualifier	M	an..3	:	"**ON**" = Order number.
B	1154	Reference number	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	'	

0500 DTM - date/time/period

Segment group: 13 [GIS.LIN.RFF.DTM] Level: 4
EDIFACT status: conditional
Maximum use: 1 per RFF
Function: segment providing the date/time/period of the reference.
LEAR interchange: see remarks.

Example: **DTM+4:200110160000:203'**

EDIFACT STANDARD DEFINITION						REMARKS
REF	TAG	NAME	ST	FT	SP	
	C507	*DATE/TIME/PERIOD*	M			
	2005	Date/time/period qualifier	M	an..3	:	"**4**" = Order date/time
	2380	Date/time/period	C	an..35	:	Date /time
	2379	Date/time/period format qualifier	C	an..3	'	"**203**" = CCYYMMDDHHMM

Use of segment groups 15 and 17 in message from LEAR

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

CALCULATION INFORMATION	
cumulative quantity scheduled since start of inventory year	[qualifier 6063 = 79] SG15
cumulative quantity shipped since start of inventory year	[qualifier 6063 = 3] SG15
quantity received in the last despatches	[qualifier 6063 = 48] SG15
AUTHORISATION INFORMATION	
cumulative fabrication authorisation	[qualifier 6063 = 2] SG17
cumulative material authorisation	[qualifier 6063 = 3] SG17
REQUIREMENTS INFORMATION	
quantity to be delivered	[qualifier 6063 = 1] 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
Maximum use: 10 per LIN in segment group 12
Function: group of segments specifying product quantities and associated dates not related to schedules and where relevant references.
LEAR interchange: see description of different occurrences of segment group 15.

SEGMENT GROUP 15
CUMULATIVE QUANTITY REQUIRED *(scheduled since accumulation start date)*

0550.[GIS.LIN].**QTY**	Cumulative quantity scheduled since start of inventory year
0560.[GIS.LIN.QTY].**DTM**	Cumulative calculation period end date

0550 QTY - quantity

Segment group: 15 [GIS.LIN.QTY] Level: 3
EDIFACT status: mandatory when segment group 15 is used
Maximum use: 1 per segment group 15 (max. 10)
Function: segment to specify pertinent quantities not related to schedule(s), e.g. cumulative quantity, last quantity considered.
LEAR interchange: see remarks.

Example: **QTY+79:105'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**79**" = Previous cumulative quantity**.**
B	6060	Quantity	M	n..15	:	Cumulative quantity scheduled since start of inventory year.
C	6411	Measure unit qualifier	C	an..3	'	

0560 DTM - date/time/period
Segment group: 15 [GIS.LIN.QTY.DTM] Level: 4
EDIFACT status: conditional
Maximum use: 1 per QTY
Function: segment providing the date/time/period of the reference.
LEAR interchange: see remarks.

Example: **DTM+52:20020122:102'**

REF	TAG	NAME	ST	FT	SP	REMARKS

End date

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

SEGMENT GROUP 15 CUMULATIVE QUANTITY SHIPPED YEAR TO DATE	
0550.[GIS.LIN].**QTY**	Cumulative quantity shipped since start of inventory year
0560.[GIS.LIN.QTY].**DTM**	Cumulative calculation period start date
0560.[GIS.LIN.QTY].**DTM**	Cumulative calculation period end date

0550 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+3:102'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**3**" Actual cumulative quantity shipped.
B	6060	Quantity	M	n..15	:	Cumulative quantity of the part identified in the preceding LIN, shipped since start of inventory year by this supplier to this plant.
C	6411	Measure unit qualifier	C	an..3	'	

0560 DTM - date/time/period

Description: see date/time information.

Example: **DTM+51:20020111:102'**
DTM+52:20020122:102'

Start date

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

End date

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

SEGMENT GROUP 15 QUANTITY RECEIVED IN THE LAST DISPATCHES	
0550.[GIS.LIN].**QTY**	Received Quantity
0560.[GIS.LIN.QTY].**DTM**	Reception date
0570.[GIS.LIN.QTY.SG16].**RFF**	Dispatch advice number

0550 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+48:48900:PCE'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
	6063	Quantity qualifier	M	an..3	:	"**48**" = Received quantity
	6060	Quantity	M	n..15	:	Quantity received in the mentioned dispatch
	6411	Measure unit qualifier	C	an..3	'	For code value see UN/ECE Recommendation No. 20.

0560 DTM - date/time/period

Description: see data/time information.
LEAR interchange: see remarks.

Example: **DTM+35:20020109:102'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C507	*DATE/TIME/PERIOD*	M			
	2005	Date/time/period qualifier	M	an..3	:	"**35**" = delivery date
	2380	Date/time/period	C	an..35	:	Date in which the goods are delivered to its final destination
	2379	Date/time/period format qualifier	C	an..3	'	"**102**" = CCYYMMDD

Segment group 16: RFF-DTM

Segment group: 16 [GIS.LIN.QTY.SG16] Level: 4
EDIFACT status: conditional
Maximum use: 10 per QTY in segment group 15
Function: group of segments giving references related to the quantity and where necessary, their dates.

0580 RFF - REFERENCE

Segment group: 16 [GIS.LIN.QTY.RFF] Level: 4
EDIFACT status: mandatory if segment group 16 is used
Maximum use: 1 per segment group 16 (max. 10)
Function: segment for identifying reference to the quantity, e.g. dispatch advice number.
LEAR interchange: see remarks.

Example: **RFF+AAK:1-103102'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C506	*REFERENCE*	M			
	1153	Reference qualifier	M	an..3	:	"AAK" = Dispatch advice number
	1154	Reference number	C	an..35	'	Dispatch advice number

AUTHORIZATION INFORMATION

Segment group 17: SCC-SG18

Segment group: 17 [GIS.LIN.SG17] Level: 3
EDIFACT status: conditional
Maximum use: 999 per LIN in segment group 12
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.
LEAR interchange: see description of different occurrences of segment group 17.

SEGMENT GROUP 17
CUMULATIVE FABRICATION AUTHORIZATION

0610.[GIS.LIN].**SCC**	Fabrication authorization code
0630.[GIS.LIN.SCC].**QTY**	Work days of fabrication authorisation
0630.[GIS.LIN.SCC].**QTY**	Cumulative fabrication 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

Segment group: 17 [GIS.LIN.SCC] Level: 3
EDIFACT status: mandatory if segment group 17 is used
Maximum use: 1 per segment group 17
Function: segment specifying the status of the schedule.
LEAR interchange: see remarks.

Example: **SCC+2'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	"**2**" = Commitment for manufacturing and material. (Fabrication Authorization)

0630 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+77:28'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**77**" = Work days.
B	6060	Quantity	M	n..15		Number of works days with fabrication auhorization. That means, the supplier has the buyer fabrication authorization for those schedule requirement whose requirement date is between the schedule date plus the declared work days.

0630 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+3:26100:PCE'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**3**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	Cumulative fabrication authorisation quantity (this quantity is the cumulative received quantity plus the schedule requirements related to the fabrication authorization work days)
C	6411	Measure unit qualifier	C	an..3	'	For code value see UN/ECE Recommendation No. 20.

0640 DTM - date/time/period

Description: see quantity information.
LEAR interchange: see remarks.

Example: **DTM+51:20020111:102'**
DTM+52:20020217:102'

REF	TAG	NAME	ST	FT	SP	REMARKS

Start date

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

End date

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

SEGMENT GROUP 17 CUMULATIVE MATERIAL AUTHORIZATION	
0610.[GIS.LIN].**SCC**	Material authorization code
0630.[GIS.LIN.SCC].**QTY**	Work days of material authorisation
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

Segment group: 17 [GIS.LIN.SCC] Level: 3
EDIFACT status: mandatory if segment group 17 is used
Maximum use: 1 per segment group 17
Function: segment specifying the status of the schedule.
LEAR interchange: see remarks.

Example: **SCC+3'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	"**3**" = Commitment for material. (Material Authorization)

0630 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+77:42'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**77**" = Work days.
B	6060	Quantity	M	n..15		Number of works days with fabrication auhorization. That means, the supplier has the buyer material authorization for those schedule requirement whose requirement date is between the schedule date plus the declared work days.

0630 QTY - quantity

Description: see quantity information.
LEAR interchange: see remarks.

Example: **QTY+3:48900:PCE'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**3**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	Cumulative material authorisation quantity (this quantity is the cumulative received quantity plus the schedule requirements related to the material authorization work days)
C	6411	Measure unit qualifier	C	an..3	'	For code value see UN/ECE Recommendation No. 20.

0640 DTM - date/time/period

Description: see quantity information .
LEAR interchange: see remarks.

Example: **DTM+51:20020111:102'**
DTM+52:20020315:102'

REF	TAG	NAME	ST	FT	SP	REMARKS
Start date						
	C507	*DATE/TIME/PERIOD*	M			
A	2005	Date/time/period qualifier	M	an..3	:	"**51**" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	Start date of cumulative fabrication authorization quantity
C	2379	Date/time/period format qualifier	C	an..3	'	**"102"**
End date						
	C507	*DATE/TIME/PERIOD*	M			
A	2005	Date/time/period qualifier	M	an..3	:	"**52**" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	Last date of the authorisation
C	2379	Date/time/period format qualifier	C	an..3	'	**"102"**

REQUIREMENT INFORMATION

Segment group 17: SCC-SG18

Segment group: 17 [GIS.LIN.SG17] Level: 3
EDIFACT status: conditional
Maximum use: 999 per LIN in segment group 12
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.
LEAR 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
Maximum use: 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.
LEAR interchange: see remarks.

Example: **SCC+1'**

REF	TAG	NAME	ST	FT	SP	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	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			
B	2013	Frequency, coded	C	an..3	:	Definition of the time unit for the quantity defined in the preceding QTY. For code value see below.
C	2015	Despatch pattern, coded	C	an..3	:	Code specifying the days/periods for routine shipments or deliveries. For code value see below.
	2017	Despatch pattern timing, coded	C	an..3	‘	

CODE VALUES

4017 - Delivery Plan Status Indicator, coded

1 Firm quantity
4 Planning quantity

Segment group 18: QTY-DTM-SG19

Segment group: 18 [GIS.LIN.SCC.SG17] Level: 4
EDIFACT status: conditional
Maximum use: 999 per SCC in segment group 17
Function: group of segments specifying product quantities and associated dates.
LEAR 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
Maximum use: 1 per segment group 18 (max. 999 per SCC)
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.
LEAR interchange: see remarks.

Example: **QTY+1:26100:PCE'**

REF	TAG	NAME	ST	FT	SP	REMARKS
	C186	*QUANTITY DETAILS*	M			
A	6063	Quantity qualifier	M	an..3	:	"**1**" = Discrete Quantity.
B	6060	Quantity	M	n..15	:	Forecasted quantity for the time period defined by the preceding SCC.
C	6411	Measure unit qualifier	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
Maximum use: 2 per QTY in segment group 18
Function: segment indicating date/time/period details relating to the given quantity.
LEAR interchange: see remarks.

Example: **DTM+158:20020121:203'**
DTM+159:20020121:203'

REF	TAG	NAME	ST	FT	SP	REMARKS
	C507	*DATE/TIME/PERIOD*	M			
A	2005	Date/time/period qualifier	M	an..3	:	"**2**" = Delivery date/time, requested or "**158**" = Horizon start date.
	2380	Date/time/period	C	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	'	"**203**" = YYMMDDHHMM
	C507	*DATE/TIME/PERIOD*	M			
A	2005	Date/time/period qualifier	M	an..3	:	"**159**" = Horizon end date
	2380	Date/time/period	C	an..35	:	
C	2379	Date/time/period format qualifier	C	an..3	'	"**203**" = YYMMDDHHMM

EXAMPLE FILE

```
UNB+UNOA:3+CLIENTE+PROVEEDOR+020211:1809+31'
UNH+1+DELFOR:D:97A:UN'
BGM+241+00000000000000205+5'
DTM+137:200201220445:203'
NAD+SU+00006200::92++EJOT VERBINDUNQSTECHNIK'
CTA+IC+:PERSONA DE CONTACTO'
COM+4927521090:TE'
NAD+BY+0941A43003987A::92++LEAR AUTOMOT.(EEDS) SPAIN SL'
GIS+37'
NAD+ST+SP02PSCH::92++LEAR AUTOMOT.(EEDS) SPAIN SL'
LIN+++320550056:IN'
PIA+1+54159212801:SA'
LOC+11+SP02PSCH::92'
RFF+ON:PS6200EU'
DTM+4:200110160000:203'
QTY+79:105'
DTM+52:20020122:102'
QTY+3:102'
DTM+51:20020111:102'
DTM+52:20020122:102'
SCC+2'
QTY+77:28'
QTY+3:10000:PCE'
DTM+51:20020111:102'
DTM+52:20020217:102'
SCC+3'
QTY+77:42'
QTY+3:10000:PCE'
DTM+51:20020111:102'
DTM+52:20020303:102'
SCC+1'
QTY+1:10000:PCE'
DTM+158:20020128:203'
DTM+159:20020128:203'
SCC+4'
QTY+1:4:PCE'
DTM+158:20020204:203'
DTM+159:20020204:203'
SCC+4'
QTY+1:39:PCE'
DTM+158:20020211:203'
DTM+159:20020211:203'
LIN+++320550205:IN'
PIA+1+56008665819 M4X12-8.8-Z-FE/ZNN:SA'
LOC+11+SP02PSCH::92'
RFF+ON:PS6200DE-BO17703'
DTM+4:200002260000:203'
QTY+79:26100'
DTM+52:20020122:102'
QTY+3:0'
DTM+51:20020111:102'
DTM+52:20020122:102'
QTY+48:48900:PCE'
DTM+35:20020109:102'
RFF+AAK:1-103102'
QTY+48:60000:PCE'
DTM+35:20010810:102'
RFF+AAK:1-47324'
QTY+48:150000:PCE'
DTM+35:20010213:102'
```

RFF+AAK:9573'
SCC+2'
QTY+77:28'
QTY+3:26100:PCE'
DTM+51:20020111:102'
DTM+52:20020217:102'
SCC+3'
QTY+77:42'
QTY+3:26100:PCE'
DTM+51:20020111:102'
DTM+52:20020303:102'
SCC+1'
QTY+1:26100:PCE'
DTM+158:20020121:203'
DTM+159:20020121:203'
SCC+1'
QTY+1:245:PCE'
DTM+158:20020128:203'
DTM+159:20020128:203'
SCC+4'
QTY+1:10:PCE'
DTM+158:20020204:203'
DTM+159:20020204:203'
SCC+4'
QTY+1:1452:PCE'
DTM+158:20020325:203'
DTM+159:20020325:203'
SCC+4'
QTY+1:12:PCE'
DTM+158:20020401:203'
DTM+159:20020430:203'
SCC+4'
QTY+1:45:PCE'
DTM+158:20020506:203'
DTM+159:20020531:203'
UNT+135+1'
UNZ+1+31'

Map: sudelf97.map