Supplier Despatch Advice

EDIFACT DESADV D.97A

Version 1.0

Document Change Log

Version	Date	Description
1.0	16.05.2002	Draft document issued.

0. TABLE OF CONTENT

1. INTRODUCTION

This document provides the specific description of a subset of the EDIFACT DESADV D97.A message to be used between a Trading Partner and Lear Automotive (EEDS).

2. MESSAGE DEFINITION

This document provides the definition of an Advanced Shipping Notification (ASN) or Despatch Advice Message, based on the EDIFACT DESADV D97.A, to be used in Electronic Data Interchange (EDI) between a Trading Partner and Lear Automotive (EEDS).

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

2.1. FUNCTIONAL DEFINITION

The ASN/Despatch Advice message is a message from a Lear Supplier to the relevant Lear Automotive application. It gives information concerning material despatched to a GM location as instructed by a previously received Delivery Instruction or Shipping Schedule message and in line with the conditions set out in the contract or order.

2.2. PRINCIPLES

The ASN/Despatch Advice message intends to:

- advise the consignee of the despatch of goods and to provide the details regarding the content of the consignment.
- allow the consignee to track material shipments and to prepare the physical receipt of the consignment.

An ASN/Despatch Advice message can relate to:

- different articles which may be packed differently (as instructed or agreed).
- articles covered by different Delivery Instruction and/or Stock Status messages.

The ASN/Despatch Advice message must always include the transportation information (e.g., weight, means of transport, etc.) related to the load advised.

As the information transmitted in the ASN/Despatch Advice is vital to ensure an efficient receipt of the material at the receiving plant and since, whenever a Consolidator is involved, this information needs to be consolidated with other messages. **Therefore it is mandatory that the ASN/Despatch Advice is sent immediately after the departure of the material.**

2.3. REFERENCES

The content of this message is based on:

- the message structure as defined by EDIFACT for the UNSM Despatch Advice Message DESADV 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.

Lear Automotive (EEDS) has opted for the EDIFACT D97.A Directory and consistently uses this directory for all its EDIFACT messages.

2.4. FIELD OF APPLICATION

The following definition of an ASN/Despatch Advice Message in EDIFACT format is applicable for the shipping message interchange related to material deliveries to Lear Automotive sites.

3. MESSAGE DESCRIPTION

Following pages contain a full description of the EDIFACT DESADV D97.A message as implemented by Lear Automotive (EEDS). The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with Lear Automotive (EEDS). Those remarks contain specific code values used, additional information on the values shown in a specific field, etc.

3.1. INTRODUCTION

3.1.1. How to read the documentation

All segments in the subset used by Lear Automotive (EEDS) 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.	Lear status:	mandatory.
❹	Maximum use:	1 per message.	Lear 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	Lear interchange:	see remarks.		
❻	Example:	**BGM+351+12+9'**		

A B C

❼ ❽ ❾

	EDIFACT STANDARD DEFINITION					LEAR 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	:	C	an..3	'351' = Despatch Advice
	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	Shipment 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 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.

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

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 Lear.

❾ Shaded areas in the Lear 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.

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 DESADV D97.A Despatch Advice message. Shaded areas identify the segments that are not used in the subset of DESADV 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	C	10
0040	ALI	Additional information	C	5
0050	MEA	Measurements	C	5
0060	MOA	Monetary amount	C	5
0070		**Segment group 1**	**C**	**10**
0080	RFF	Reference	M	1
0090	DTM	Date/time/period	C	1
0100		**Segment group 2**	**C**	**10**
0110	NAD	Name and address	M	1
0120	LOC	Place/location identification	C	10
0130		**Segment group 3**	**C**	**10**
0140	RFF	Reference	M	1
0150	DTM	Date/time/period	C	1
0160		**Segment group 4**	**C**	**10**
0170	CTA	Contact information	M	1

0180	COM	Communication contact	C	5

0190		**Segment group 5**	**M**	**10**
0200	TOD	Terms of delivery or transport	M	1
0210	LOC	Place/location identification	C	5
0220	FTX	Free text	C	5
0230		**Segment group 6**	**C**	**10**
0240	TDT	Details of transport	M	1
0250	PCD	Percentage details	C	6
0260		**Segment group 7**	**C**	**10**
0270	LOC	Place/location identification	M	1
0280	DTM	Date/time/period	C	10
0290		**Segment group 8**	**C**	**10**
0300	EQD	Equipment details	M	1
0310	MEA	Measurements	C	5
0320	SEL	Seal number	C	25
0330	EQA	Attached equipment	C	5
0340		**Segment group 9**	**M**	**10**
0350	HAN	Handling instructions	M	1
0360	FTX	Free text	C	10
0370		**Segment group 10**	**C**	**9999**
0380	CPS	Consignment packing sequence	M	1
0390	FTX	Free text	C	5
0400		**Segment group 11**	**C**	**9999**
0410	PAC	Package	M	1
0420	MEA	Measurements	C	10
0430	QTY	Quantity	C	10
0440		**Segment group 12**	**C**	**10**
0450	HAN	Handling instructions	M	1
0460	FTX	Free text	C	10
0470		**Segment group 13**	**C**	**1000**
0480	PCI	Package identification	M	1
0490	RFF	Reference	C	1
0500	DTM	Date/time/period	C	5
0510	GIR	Related identification numbers	C	99
0520		**Segment group 14**	**C**	**99**
0530	GIN	Goods identity number	M	1
0540	DLM	Delivery limitations	C	10
0550		**Segment group 15**	**C**	**9999**
0560	LIN	Line item	M	1
0570	PIA	Additional product id.	C	10
0580	IMD	Item description	C	25
0590	MEA	Monetary amount	C	10
0600	QTY	Quantity	C	10
0610	ALI	Additional information	C	10
0620	GIN	Goods identity number	C	100
0630	GIR	Related identification numbers	C	100
0640	DLM	Delivery limitations	C	100
0650	DTM	Date/time/period	C	5
0660	NAD	Name and address	C	5
0670	TDT	Details of transport	C	1
0680	HAN	Handling instructions	C	20
0690	FTX	Free text	C	99
0700	MOA	Monetary amount	C	5
0710		**Segment group 16**	**C**	**99**
0720	RFF	Reference	M	1
0730	NAD	Name and address	C	1
0740	CTA	Contact information	C	1
0750	DTM	Date/time/period	C	1
0760		**Segment group 17**	**C**	**10**
0770	DGS	Dangerous goods	M	1

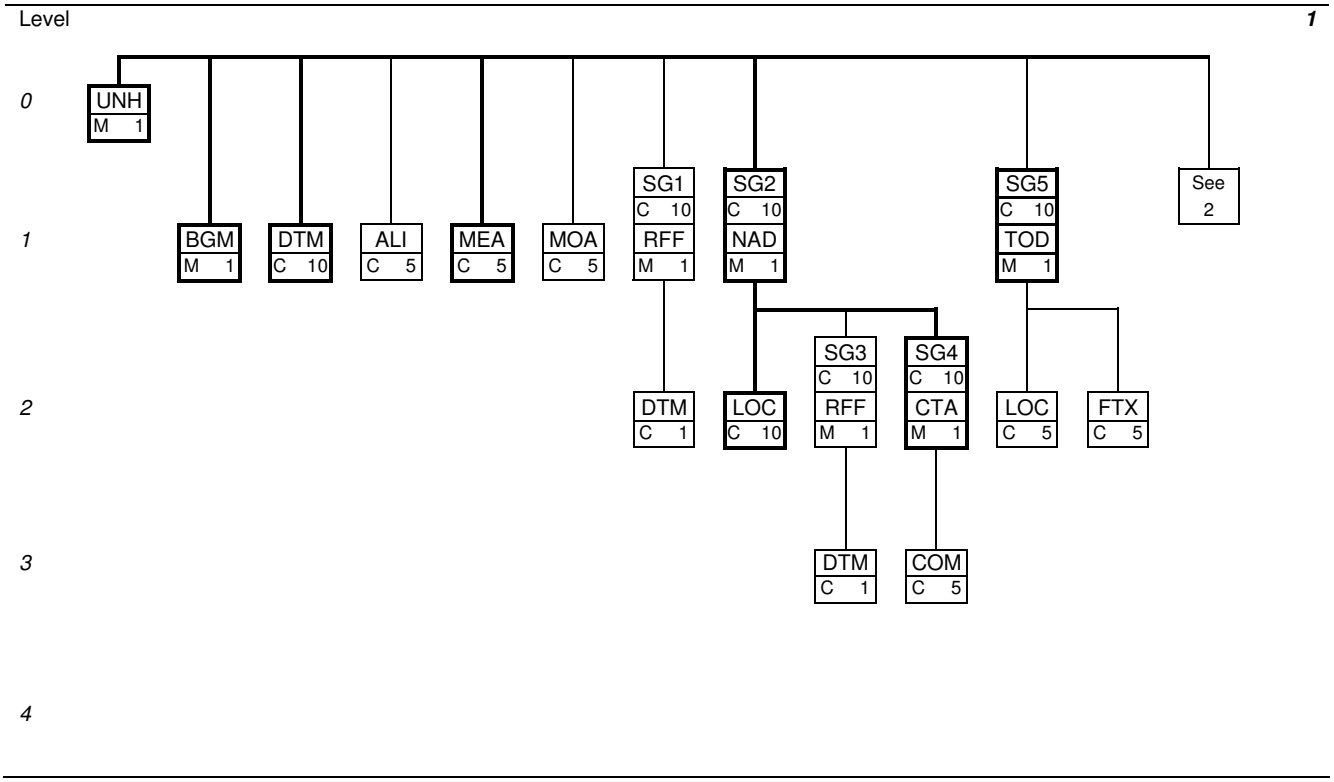
0780	QTY	Quantity	C	1
0790	FTX	Free text	C	5
0800		**Segment group 18**	**C**	**100**
0810	LOC	Place/location identification	M	1
0820	NAD	Name and address	C	1
0830	DTM	Date/time/period	C	1
0840	QTY	Quantity	C	1
0850		**Segment group 19**	**C**	**1000**
0860	SGP	Split goods placement	M	1
0870	QTY	Quantity	C	10
0880		**Segment group 20**	**C**	**9999**
0890	PCI	Package identification	M	1
0900	DTM	Date/time/period	C	5
0910	MEA	Measurements	C	10
0920	QTY	Quantity	C	1
0930		**Segment group 21**	**C**	**99**
0940	GIN	Goods identity number	M	1
0950	DLM	Delivery limitations	C	100
0960		**Segment group 22**	**C**	**10**
0970	HAN	Handling instructions	M	1
0980	FTX	Free text	C	5
0990	GIN	Goods identity number	C	1000
1000		**Segment group 23**	**C**	**10**
1010	QVR	Quantity variances	M	1
1020	DTM	Date/time/period	C	5
1030	CNT	Control total	C	5
1040	UNT	Message trailer	M	1

3.3. BRANCHING DIAGRAM

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

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

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.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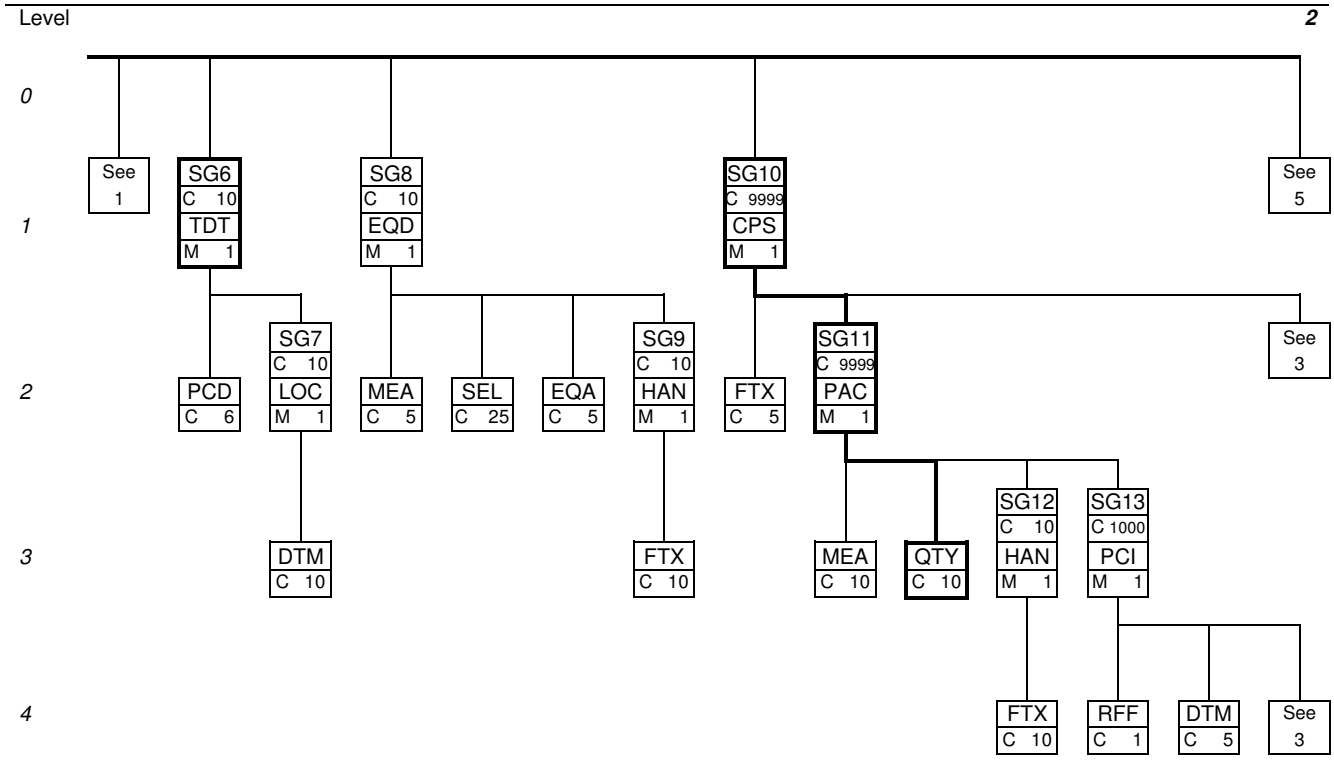
0
1
2
3
4
UNH M 1
BGM M 1
DTM C 10
ALI C 5
MEA C 5
MOA C 5
SG1 C 10 RFF M 1
DTM C 1
SG2 C 10 NAD M 1
LOC C 10
SG3 C 10 RFF M 1
DTM C 1
SG4 C 10 CTA M 1
COM C 5
SG5 C 10 TOD M 1
LOC C 5
FTX C 5
See 2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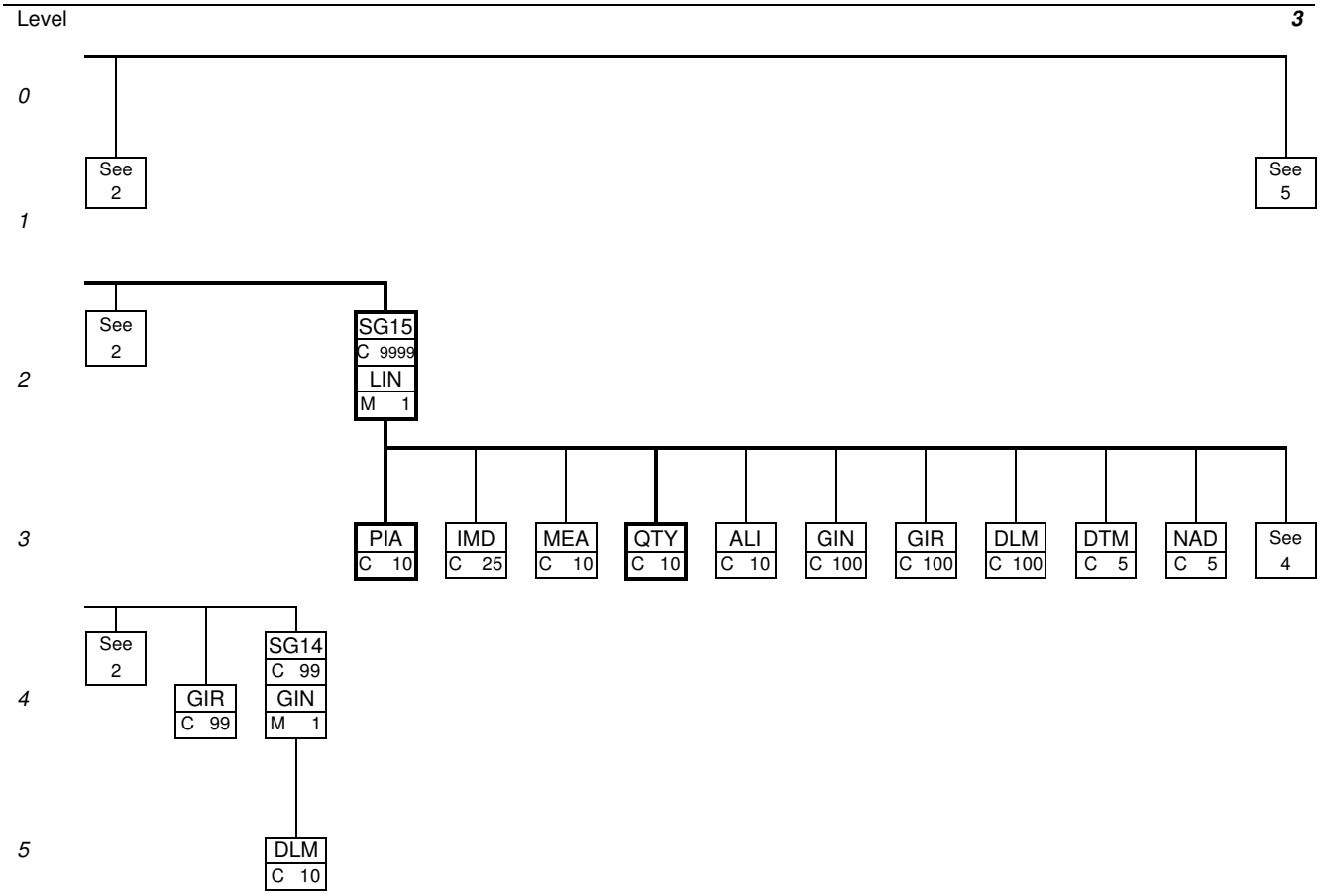
1
2
3
4
See 1
SG6 C 10 TDT M 1
PCD C 6
SG7 C 10 LOC M 1
DTM C 10
SG8 C 10 EQD M 1
MEA C 5
SEL C 25
EQA C 5
SG9 C 10 HAN M 1
FTX C 10
SG10 C 9999 CPS M 1
FTX C 5
SG11 C 9999 PAC M 1
MEA C 10
QTY C 10
SG12 C 10 HAN M 1
FTX C 10
SG13 C 1000 PCI M 1
RFF C 1
DTM C 5
See 3
See 5
See 3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4
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See 2
See 5
See 2
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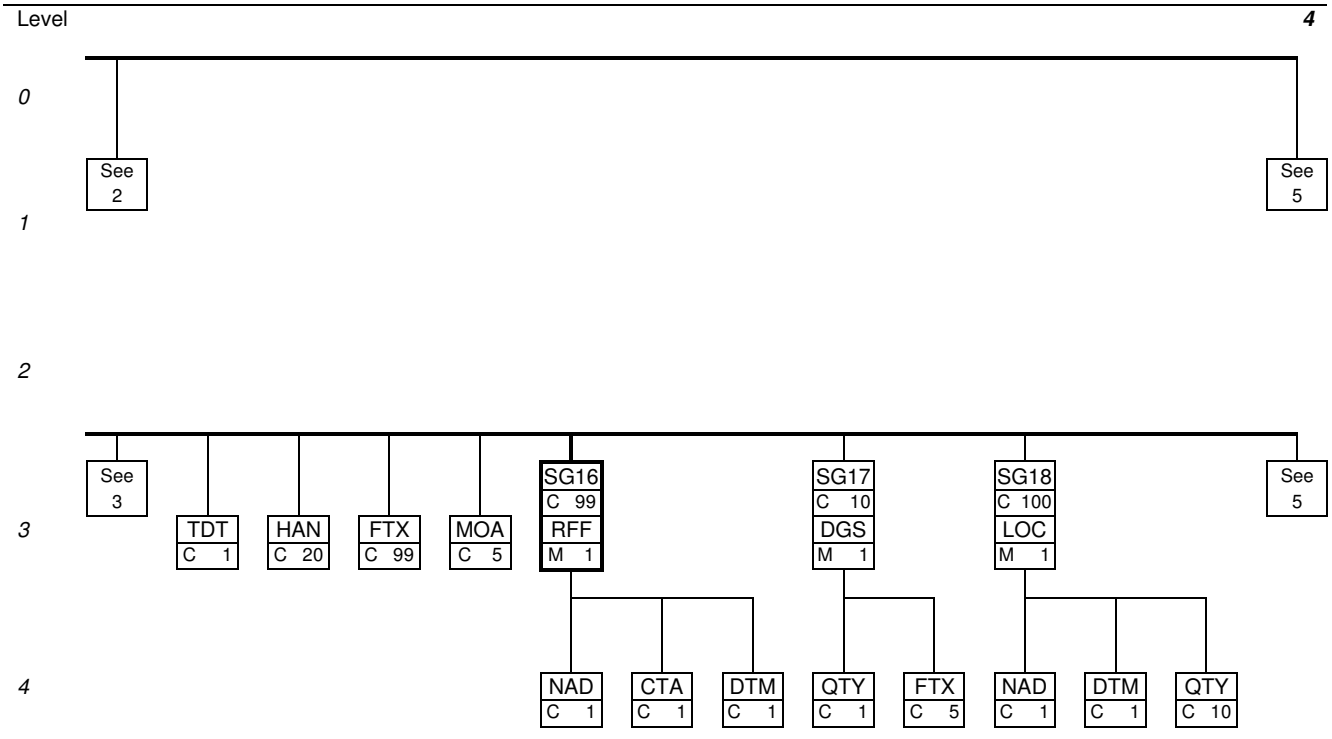
PIA C 10
IMD C 25
MEA C 10
QTY C 10
ALI C 10
GIN C 100
GIR C 100
DLM C 100
DTM C 5
NAD C 5
See 4
See 2
GIR C 99
SG14 C 99 GIN M 1
DLM C 10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3
4
See 2
See 5
See 3
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HAN C 20
FTX C 99
MOA C 5
SG16 C 99 RFF M 1
SG17 C 10 DGS M 1
SG18 C 100 LOC M 1
See 5
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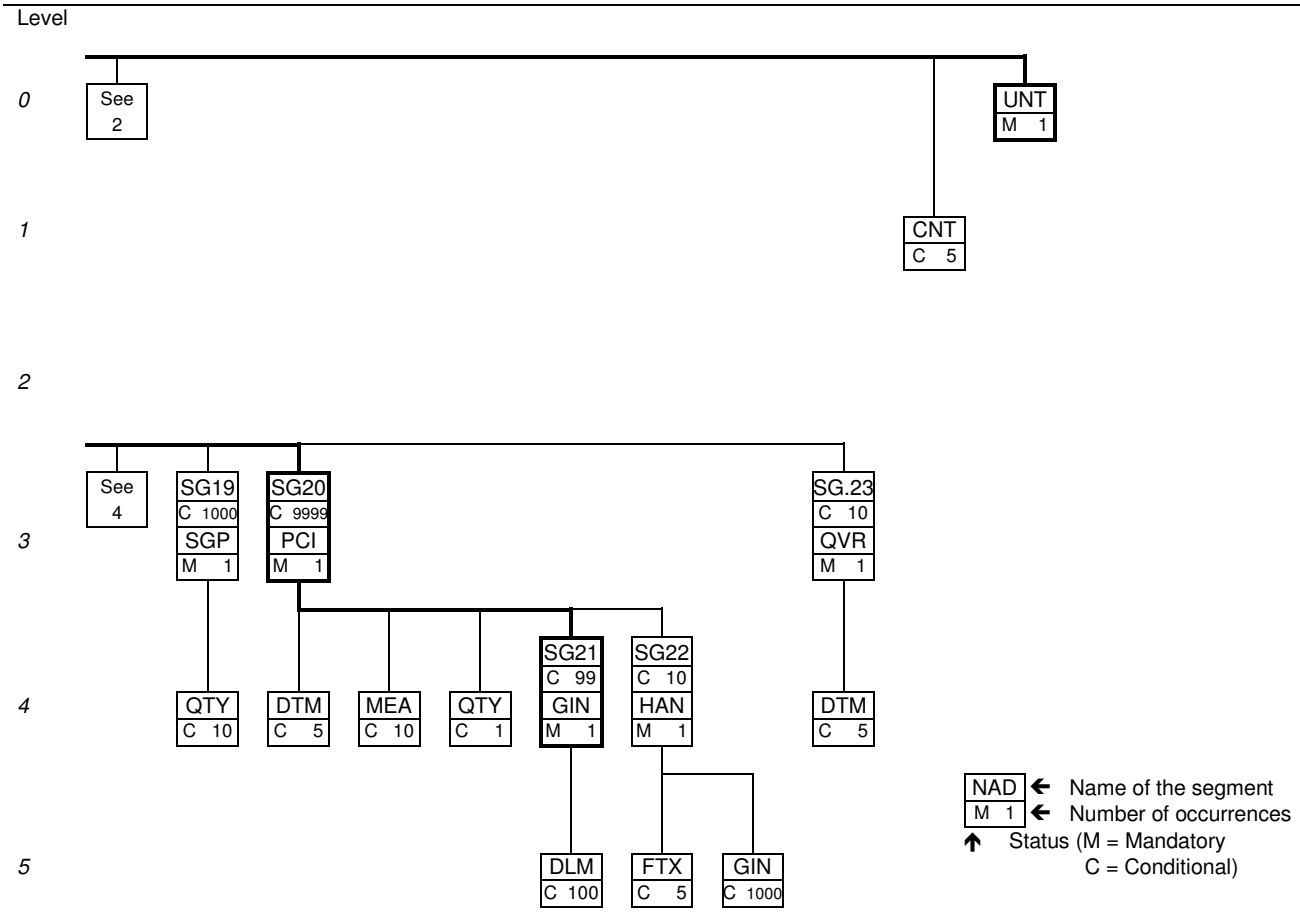
CTA C 1
DTM C 1
QTY C 1
FTX C 5
NAD C 1
DTM C 1
QTY C 10



3.4. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DESADV 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.

3.5.1 Header section

Information to be provided in the Header section:

0010 UNH, Message header
A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

0020 BGM, Beginning of message
A segment for unique identification of the Despatch Advice document, by means of its name and its number.

0030 DTM, Date/time/period
Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

0040 ALI, Additional information
A segment indicating that the message is subject to special conditions due to origin, customs preference or commercial factors.

0050 MEA, Measurements

A segment specifying the weight and volume of the consignment.

0060 MOA, Monetary amount
A segment to transmit monetary amounts for the whole despatch required by the consignee to prepare customs clearance procedures.

0070 Segment group 1: RFF-DTM
A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

0080 RFF, Reference
A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

0090 DTM, Date/time/period
Date/time/period from the referred document.

0100 Segment group 2: NAD-LOC-SG3-SG4
A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

0110 NAD, Name and address
A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.
It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

0120 LOC, Place/location identification
A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

0130 Segment group 3: RFF-DTM
A group of segments giving references relevant only to the specified party rather than the whole message.

0140 RFF, Reference
A segment for referencing documents relating to the party specified by the NAD segment.

0150 DTM, Date/time/period
A segment for specifying Date/time/period of the referred document.

0160 Segment group 4: CTA-COM
A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.

0170 CTA, Contact information
A segment to identify the person, function or department to whom communication should be directed.

0180 COM, Communication contact
A segment to identify communication types and numbers for the person, function or department identified in the CTA.

0190 Segment group 5: TOD-LOC-FTX
A group of segments indicating terms of delivery.

0200 TOD, Terms of delivery or transport
A segment indicating the terms of delivery and transfer for the whole despatch advice.

0210 LOC, Place/location identification
A segment indicating locations relevant to the TOD segment.

0220 FTX, Free text
Additional free text pertinent to the despatch.

0230 Segment group 6: TDT-PCD-SG7
A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

0240 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

0250 PCD, Percentage details
A segment specifying the percentage of utilization of the capacity of the means of transport.

0260 Segment group 7: LOC-DTM
A group of segments giving the location and date/time information relative to the transportation.

0270 LOC, Place/location identification
A segment indicating locations relevant to the transport specified in the TDT segment.

0280 DTM, Date/time/period
A segment giving the date/time/period information of departure and/or arrival of the transported goods for the specified location.

0290 Segment group 8: EQD-MEA-SEL-EQA-SG9
A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

0300 EQD, Equipment details
A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

0310 MEA, Measurements
A segment specifying physical measurements of equipment described in the EQD segment.

0320 SEL, Seal number
A segment specifying a seal number connected to a specific equipment named in the EQD.

0330 EQA, Attached equipment
A segment identifying equipment either attached to the equipment described in the EQD segment above, or equipment related to that described in the EQD segment, and which is further defined in a subsequent EQD segment.

0340 Segment group 9: HAN-FTX
A group of segments providing information on hazardous goods and their handling.

0350 HAN, Handling instructions
A segment providing information on handling and notification of hazardous materials in the specified equipment.

0360 FTX, Free text
A segment with free text information in coded or clear form to give further clarification, when required, for hazardous material.

3.5.2 Detail section

Information to be provided in the Detail section:

0370 Segment group 10: CPS-FTX-SG11-SG15
A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

0380 CPS, Consignment packing sequence
A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

0390 FTX, Free text
A segment with free text information in coded or clear form to give further clarification, when required, as to the packing sequence.
In computer to computer exchanges such text will normally require the receiver to process this segment manually.

0400 Segment group 11: PAC-MEA-QTY-SG12-SG13
A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

0410 PAC, Package
A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

0420 MEA, Measurements
A segment specifying physical measurements of the packages/physical units described in the PAC segment.

0430 QTY, Quantity
A segment to specify the quantity per package described in the PAC segment.

0440 Segment group 12: HAN-FTX
A group of segments providing information on hazardous goods and handling.

0450 HAN, Handling instructions
A segment providing information on required handling and notification of hazardous materials in the specified package.

0460 FTX, Free text
A segment with free text information in coded or clear form to give further clarification, when required, for hazardous materials.

0470 Segment group 13: PCI-RFF-DTM-GIR-SG14
A group of segments specifying markings, labels, and packing numbers.

0480 PCI, Package identification
A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

0490 RFF, Reference
A segment for referencing the package identification e.g. master label number.

0500 DTM, Date/time/period
A segment for specifying date/time/period related to the document referenced.

0510 GIR, Related identification numbers
A segment providing set of package identification related numbers, e.g. a package label number and a KANBAN card number assigned to the same package.

0520 Segment group 14: GIN-DLM
A group of segments giving package identification numbers and, where relevant, delivery limitation information.

0530 GIN, Goods identity number
A segment providing the identity numbers of packages being despatched.

0540 DLM, Delivery limitations
A segment to identify any limitation on delivery of goods, e.g. hold until final approval by supplier.

0550 Segment group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23
A group of segments providing details of the individual despatched items.

0560 LIN, Line item
A segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.

0570 PIA, Additional product id
A segment providing additional product identification.

0580 IMD, Item description
A segment for describing the product being despatched. This segment should be used for products that cannot be identified by a product code or article number.

0590 MEA, Measurements
A segment specifying physical measurements of the despatched item in original or unpacked form.

0600 QTY, Quantity
A segment to give quantity information concerning the product.

0610 ALI, Additional information
A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

0620 GIN, Goods identity number

A segment providing identity numbers of the goods being despatched, e.g. serial numbers for assembled equipment.

0630 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.

0640 DLM, Delivery limitations
A segment to identify any limitation on delivery of goods e.g. hold until final approval by supplier.

0650 DTM, Date/time/period
A segment providing date, time information related to the line item, e.g. production date.

0660 NAD, Name and address
A segment for identifying names and addresses and their functions relevant to the item, e.g. manufacturer.

0670 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods being despatched, e.g. shipment/consignment number, shipping method, carrier.

0680 HAN, Handling instructions
A segment providing information on the handling and notification of hazardous materials.

0690 FTX, Free text
A segment with free text information in coded or clear form to give further clarification, when required, to the line item. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

0700 MOA, Monetary amount
A segment giving monetary amounts required by the consignee to undertake customs clearance procedures.

0710 Segment group 16: RFF-NAD-CTA-DTM
A group of segments to give reference numbers and dates.

0720 RFF, Reference
A segment identifying documents related to the line item.

0730 NAD, Name and address
A segment for identifying names and addresses and their functions relevant to the originator of the document in the RFF segment.

0740 CTA, Contact information
A segment to identify the office, branch or department to whom communication relevant to the document should be directed.

0750 DTM, Date/time/period
A segment for date/time/period relative to the referred document.

0760 Segment group 17: DGS-QTY-FTX
A group of segments giving information about dangerous goods.

0770 DGS, Dangerous goods
A segment to indicate the class of dangerous goods.

0780 QTY, Quantity
A segment to specify quantity of the given dangerous goods.

0790 FTX, Free text
A segment to describe dangerous goods.

0800 Segment group 18: LOC-NAD-DTM-QTY
A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.

0810 LOC, Place/location identification
A segment identifying a specific location to which products will be delivered.

0820 NAD, Name and address
A segment for identifying names and addresses and their functions relevant to the delivery point. It is recommended that where possible only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

0830 DTM, Date/time/period
A segment providing date/time information relevant for delivery to the specific location.

0840 QTY, Quantity
A segment to specify quantity for the given location.

0850 Segment group 19: SGP-QTY
A group of segments indicating the split placement of packages or unpacked goods into equipment.

0860 SGP, Split goods placement
A segment to specify the placement of goods in relation to one equipment. If goods are unpacked, their quantity would be given in the following QTY segment.

0870 QTY, Quantity
A segment to specify the quantity of unpacked goods being placed in a specific equipment.

0880 Segment group 20: PCI-DTM-MEA-QTY-SG21-SG22
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

0890 PCI, Package identification
A segment specifying marking and labels used on individual packages or a range of packages.

0900 DTM, Date/time/period
A segment giving the date/time details related to the goods within the packages e.g. expiration date.

0910 MEA, Measurements
A segment specifying physical measurements of packages.

0920 QTY, Quantity
A segment to specify quantity per package.

0930 Segment group 21: GIN-DLM
A group of segments giving package identification numbers and, where relevant, delivery limitation information.

0940 GIN, Goods identity number
A segment providing identification numbers being applied to the packages despatched.

0950 DLM, Delivery limitations
A segment to identify any limitation on delivery of goods e.g. hold until final approval by supplier.

0960 Segment group 22: HAN-FTX-GIN
A group of segment providing information on hazardous materials and handling.

0970 HAN, Handling instructions
A segment providing information on handling and notification of hazardous materials.

0980 FTX, Free text
A segment with free text information in coded or clear form to give further clarification, when required, for hazardous materials.

0990 GIN, Goods identity number
A segment providing identification numbers being applied to the packages containing hazardous goods.

1000 Segment group 23: QVR-DTM
A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.

1010 QVR, Quantity variances
A segment identifying a quantity variance and the reason for the variance.

1020 DTM, Date/time/period
A segment to give date and time information relative to the quantity variances, e.g. proposed delivery date on the back order.

3.5.3 Summary section

Information to be provided in the Summary section:

1030 CNT, Control total
A segment by which control totals may be provided by sender for checking by the receiver.

1040 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 can be repeated in the Despatch Advice message to accommodate the requirements identified by Lear Automotive (EEDS).

0010.UNH	Start of Despatch Advice Message
0020.BGM	Message identification
0030-1.DTM	Message generation date/time
0030-2.DTM	Despatch date/time
0030-3.DTM	Estimated arrival date/time
0050-1.MEA	Shipment gross weight
0050-2.MEA	Shipment net weight
0050-3.MEA	Shipment volume
0110-1.NAD	Supplier identification
0170.[CTA].**CTA**	Supplier contact person
0110-2.NAD	Ship to identification
0120.[NAD].**LOC**	Delivery dock
0200.TOD	Terms of delivery or transport
0220.FTX	Free text
0240.TDT	Transport details
0370-1.CPS	Detail trigger segment 1
0410.[CPS].**PAC**	Package details for part number 1
0430.[CPS.PAC].**QTY**	Package quantity
0560.[CPS].**LIN**	Part number 1
0570.[CPS.LIN].**PIA**	Additional identification for part number 1
0600.[CPS.LIN].**QTY**	Despatched quantity for part number 1
0720.[CPS.LIN].**RFF**	Purchase order for part number 1
0890.[CPS.LIN].**PCI**	Markings
0940.[CPS.LIN.PCI].**GIN**	Package label
0370-2.CPS	Detail trigger segment 2
0410.[CPS].**PAC**	Package details for part number 2
0430.[CPS.PAC].**QTY**	Package quantity
0560.[CPS].**LIN**	Part number 2
0570.[CPS.LIN].**PIA**	Additional identification for part number 2
0600.[CPS.LIN].**QTY**	Despatched quantity for part number 2
0720.[CPS.LIN].**RFF**	Purchase order for part number 2
0890.[CPS.LIN].**PCI**	Markings
0940.[CPS.LIN.PCI].**GIN**	Package label
0370-3.CPS	Detail trigger segment 3
...	Details for part number 3
0370-n.CPS	Detail trigger segment N
0410.[CPS].**PAC**	Package component 1 details
...	...
1040.UNT	End of message

3.6. SERVICE SEGMENTS DESCRIPTION

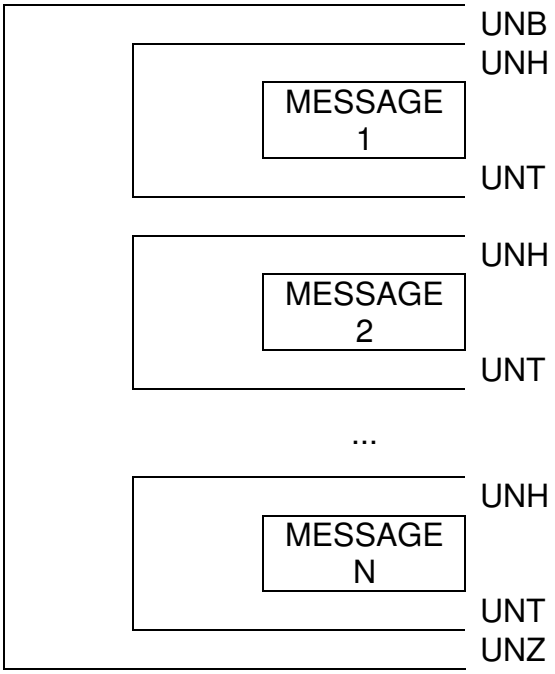
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

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



NOTE:
All data elements marked "M" for Mandatory in the "ST" field of the Lear implementation must be included in the message.

0000 UNB - INTERCHANGE HEADER

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

Example: **UNB+UNOA:2+MBXNOSUPPLIER+MBXNOLear+970607:0735+1234'**
A B C D E F G

EDIFACT STANDARD DEFINITION						Lear 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. Lear uses EDIFACT syntax version 1
	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	:	C	an..4	Qualifiers to be determined by trading partner relationship.
	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	:	C	an..4	Qualifiers to be determined by trading partner relationship.
	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	Reference number assigned by the sender of the message. This number must uniquely identify each interface and must be **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	+			
	0026	APPLICATION REFERENCE	C	an..14	+			
	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.
Lear status: mandatory.
Maximum use: 1 per message.
Lear occurrences: 1 per message.
Function: service segment starting and uniquely identifying a message. The message type code for the Despatch Advice message is DESADV.
Lear interchange: see remarks.

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

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0062	MESSAGE REFERENCE NUMBER	M	an..14	+	**M**	an..14	Message Control number assigned by the sender to the message.
	S009	*MESSAGE IDENTIFIER*	M			M		
B	0065	Message type	M	an..6	:	**M**	an..6	"**DESADV**"
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	'			

1040 UNT - MESSAGE TRAILER

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

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

	EDIFACT STANDARD DEFINITION					Lear 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

1050 UNZ - INTERCHANGE TRAILER

Segment Group: none
Level: 0
EDIFACT status: mandatory
Lear status: mandatory
Maximum use: 1
Lear 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.
Lear interchange:

Example: **UNZ+1+1234'**
A B

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

NOTE:
All data elements marked "M" for Mandatory in the "ST" field of the Lear implementation must be included in the message

0020 BGM - BEGINNING OF MESSAGE

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

Example: **BGM++123456789+9'**
A B

	EDIFACT STANDARD DEFINITION					Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C002	*DOCUMENT/MESSAGE NAME*	C			M		
	1001	Document/message name, coded	C	an..3	:	**M**	an..3	"**351**" = Despatch advice.
	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			M		
A	1004	Document/message number	C	an..35	:	**M**	an..35	A unique control number, commonly called a Shipment Identification Number (SID), assigned by the original shipper to identify a specific shipment.
	1056	Version	C	an..9	:			
	1060	Revision number	C	an.6	+			
B	1225	MESSAGE FUNCTION, CODED	C	an..3	+	**M**	an..3	**"9" =** Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004).
	4343	RESPONSE TYPE, CODED	C	an..3	'			

0030 DTM - DATE/TIME/PERIOD

Segment group:	none	Level:	1
EDIFACT status:	mandatory	Lear status:	mandatory (see comments)
Maximum use:	10 per message at level 1	Lear occurrences:	max. 3 per message

Function: segment specifying the date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Document date.

Lear interchange: there may be max. 3 occurrences of DTM in position 0030 to specify the message issue date, to specify the despatch date and/or time and to specify the estimated arrival date/time. **Only the first occurrence is mandatory in the messages exchanged with Lear.**

Example:

DTM+137:199803051400:203'	Document generation
DTM+11 :199803051500:203'	Despatch date/time
DTM+132:199803061000:203'	Estimated arrival date/time
A B C	

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Document generation date.						**MANDATORY - must be transmitted.**		
	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	Date/time when the document is issued.
C	2379	Date/time/period format qualifier	C	an..3	"	**M**	an..3	"**203**" = CCYYMMDDHHMM.
Despatch date/time.						**Conditional - may be transmitted.**		
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	**M**	an..3	"**11**" = Despatch date and or time.
B	2380	Date/time/period	C	an..35	:	**M**	an..35	Date/time on which the goods are actually despatched or shipped.
C	2379	Date/time/period format qualifier	C	an..3	'	**M**	an..3	"**203**" = CCYYMMDDHHMM.
Estimated arrival date/time.						**Conditional - may be transmitted.**		
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	**M**	an..3	"**132**" = Arrival date/time, estimated.
B	2380	Date/time/period	C	an..35	:	**M**	an..35	Date/time when the goods are expected to arrive at the place of destination.
C	2379	Date/time/period format qualifier	C	an..3	'	**M**	an..3	"**203**" = CCYYMMDDHHMM.

0050 MEA - MEASUREMENTS

Segment group: none
Level: 1
EDIFACT status: conditional
Lear status: mandatory
Maximum use: 5 per message at level 1
Lear occurrences: max. 3 per message
Function: segment specifying the weight and volume of the consignment.
Lear interchange: there may be 3 occurrences of MEA in position 0040 specifying the gross weight, the net weight and the volume of the shipment.

Example: **MEA+AAX+AAC+KGM:9999'**
MEA+AAX+AAD+KGM:9999'
MEA+AAX+ABJ+MTQ:99'
A B C D

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Total net weight								
A	6311	MEASUREMENT PURPOSE QUALIFIER	M	an..3	+	**M**	an..3	"**AAX**" = Consignment measurements.
	C502	*MEASUREMENT DETAILS*	C			C		
B	6313	Property measured, coded	C	an..3	:	**M**	an..3	"**AAC**" = Total net Weight.
	6321	Measurement significance, coded	C	an..3	:			
	6155	Measurement attribute identification	C	an..17	:			
	6154	Measurement attribute	C	an..70	+			
	C174	*VALUE/RANGE*	C					
C	6411	Measure unit qualifier	M	an..3	:	**M**	an..3	For code see UN/ECE Recommendation Nr 20
D	6314	Measurement value	C	n..18	:	**M**	n..18	Actual net weight.
	6162	Range minimum	C	n..18	:			
	6152	Range maximum	C	n..18	:			
	6432	Significant digits	C	n..2	+			
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'			
Total gross weight								
A	6311	MEASUREMENT PURPOSE QUALIFIER	M	an..3	+	**M**	an..3	"**AAX**" = Consignment measurements.
	C502	*MEASUREMENT DETAILS*	C			C		
B	6313	Property measured, coded	C	an..3	:	**M**	an..3	"**AAD**" = Total Gross Weight.
	6321	Measurement significance, coded	C	an..3	:			
	6155	Measurement attribute identification	C	an..17	:			
	6154	Measurement attribute	C	an..70	+			
	C174	*VALUE/RANGE*	C					
C	6411	Measure unit qualifier	M	an..3	:	**M**	an..3	For code see UN/ECE Recommendation Nr 20
D	6314	Measurement value	C	n..18	:	**M**	n..18	Actual gross weight .
		REST OF SEGMENT NOT USED.						
Volume								
A	6311	MEASUREMENT PURPOSE QUALIFIER	M	an..3	+	**M**	an..3	"**AAX**" = Consignment measurements.
	C502	*MEASUREMENT DETAILS*	C			C		
B	6313	Property measured, coded	C	an..3	:	**M**	an..3	"**ABJ**" = Volume.
	6321	Measurement significance, coded	C	an..3	:			
	6155	Measurement attribute identification	C	an..17	:			
	6154	Measurement attribute	C	an..70	+			
	C174	*VALUE/RANGE*	C					
C	6411	Measure unit qualifier	M	an..3	:	**M**	an..3	For code see UN/ECE Recommendation Nr 20
D	6314	Measurement value	C	n..18	:	**M**	n..18	Actual volume.
		REST OF SEGMENT NOT USED.						

Segment group 2: NAD-LOC-SG3-SG4

Segment group:	2	Level:	1
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	10 per message at level 1	Lear occurrences:	maximum 5 per message
Function:	group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.		
Lear interchange:	see segment description.		

0110 NAD - NAME AND ADDRESS

Segment group:	02 [NAD]	Level:	1
EDIFACT status:	mandatory if segment group 02 is used	Lear status:	mandatory
Maximum use:	1 per segment group 02 (max. 10)	Lear occurrences:	1 per segment group 2
Function:	segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice.		
Lear interchange:	the message may contain max. 2 NAD segments as detailed below..		

Example: **NAD+SU+SUPPLIER ::92'** Supplier
NAD+ST+SHIPTO ::92' Ship To
A B C

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
Supplier						**MANDATORY - must always be transmitted.**		
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. 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	:			
	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					
	3036	Party name	M	an..35	:			
	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	'			

0110 NAD - CONTINUED

Ship to **MANDATORY - must always be transmitted.**

	EDIFACT STANDARD DEFINITION					Lear 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		+			
	C080	*PARTY NAME*	C		+			
	C059	*STREET*	C		+			
	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	'			
		REST OF SEGMENT NOT USED.						

CODE VALUES

3039 - Party id. identification [NAD 1st and 2nd occurrence]

Individual notification by the Implementation Plant -> Code Value has to be in line with the information given in DELFORD

3055 - Code list responsible agency, coded

92 Assigned by buyer or buyer's agent.

0120 LOC - PLACE/LOCATION IDENTIFICATION

Segment group: 2 [NAD.LOC] Level: 2
EDIFACT status: conditional Lear status: mandatory
Maximum use: 10 per preceding NAD Lear occurrences: 1 per segment group 2
Function: segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.
Lear interchange: see remarks.

Example: **LOC+11+A1-A2'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	**M**	an..3	"**11**" = Place/port of discharge.
	C517	*LOCATION IDENTIFICATION*	C			**M**		
B	3225	Place/location identification	C	an..25	:	**M**	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	'			

Segment group 4: CTA-COM

Segment group:	4	Level:	2
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	max. 10 per segment group 2	Lear occurrences:	max. 1 per segment group 2
Function:	group of segments identifying the people, functions, departments and appropriate number to whom communication should be directed.		
Lear interchange:	see segment description.		

0170 CTA - CONTACT INFORMATION

Segment group:	4 [CTA]	Level:	2
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	10 per preceding NAD	Lear occurrences:	1 per segment group 4
Function:	To identify person, function, department to whom communication should be directed.		

Lear interchange: see remarks.

Example: **CTA+SU+:CONTACT_NAME'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	3139	CONTACT FUNCTION, CODED	C	an..3	+	**M**		
	C056	*DEPT OR EMPLOYEE DETAILS*	C			**M**		"**SU**" = Supplier Contact
	3413	Department or employee identification	C	an..17	:			
	3412	Department or employee	C	an..35	'	**M**		Department or employee

Segment group 5: TOD-LOC-FTX

Segment group:	5	Level:	1
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	10 per message at level 1	Lear occurrences:	maximum 5 per message
Function:	group of segments identifying terms of delivery or transport.		
Lear interchange:	see segment description.		

0190 TOD – TEMS OF DELIVERY

Segment group:	5 [TOD]	Level:	1
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	1 per segment group 5 (max. 10)	Lear occurrences:	1 per segment group 5
Function:	segment for identifying terms of delivery or transport		

Lear interchange: see segment description

Example: **TOD+++EXW'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	4055	TERM OF DELIVERY OR TRANSPORT FUNCTION, CODED	C	an..3	+			
	4215	TRANSPORT CHANGES METHID OF PAYMENT, CODED	C	an..3	+			
	C100	*TERM OF DELIVERY OR TRANSPORT*	C			**M**		
	4053	Terms of delivery or transport, coded	C	an..3	:	M	an..3	Incoterm coded For code value see UN/ECE Recommendation no. 5 Incoterms
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	4052	Terms of delivery or transport	C	an..70	:			
	4052	Terms of delivery or transport	C	an..70	'			

0220 FTX – FREE TEXT

Segment group: 5 [TOD.FTX] Level: 1
EDIFACT status: conditional Lear status: conditional
Maximum use: 1 per segment group 5 (max. 10) Lear occurrences: 1 per segment group 5
Function: segment providing free form or coded text information

Lear interchange: see segment description

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

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	4451	TEXT SUBJET QUALIFIER	M	an..3	+	**M**	an..3	"**AAI**" = General information
	4453	TEXT FUNCTION, CODED	C	an..3	+			
	C107	*TEXT REFERENCE*	C					
	4441	Free text, coded	M	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C108	*TEXT LITERAL*	C			C		
	4440	Free text	M	an..70	:	M	an..70	Free text, the supplier could send general information about the shipment
	4440	Free text	C	an..70	:	C	an..70	"
	4440	Free text	C	an..70	:	C	an..70	"
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	+			
	3453	LANGUAGE, CODED	C	an..3	'			

Segment group 6: TDT-PCD-SG7

Segment group:	6	Level:	1
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	10 per message at level 1	Lear occurrences:	max. 1 per message
Function:	group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.		
Lear interchange:	only segment TDT is used in segment group 6.		

0240 TDT - DETAILS OF TRANSPORT

Segment group:	6 [TDT]	Level:	1
EDIFACT status:	mandatory if segment group 6 is used	Lear status:	mandatory
Maximum use:	1 per segment group 6 (max. 10)	Lear occurrences:	1 per segment group 6
Function:	segment specifying the carriage, and the mode and means of transport of the goods being despatched.		
Lear interchange:			

Example: **TDT+++11++CR:::CARRIER_NAME+++CARRIER_PLATE'**
A B C D

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	8051	TRANSPORT STAGE QUALIFIER	M	an..3	+			
	8028	CONVEYANCE REFERENCE NR	C	an..17	+			
	C220	*MODE OF TRANSPORT*	C			**M**		
B	8067	Mode of transport, coded	C	an..3	:	**M**	an..3	For code value see below.
	8066	Mode of transport	C	an..17	+			
	C228	*TRANSPORT MEANS*	C					
	8179	Type of means of transport id.	C	an..8	:			
	8178	Type of means of transport	C	an..17	+			
	C040	*CARRIER*	C			**M**		
C	3127	Carrier identification	C	an..17	:	**M**	an..17	Code identifying the carrier.
	1131	Code list qualifier	C	an..3	:			
D	3055	Code list responsible agency, coded	C	an..3	:			
	3128	Carrier name	C	an..35	+	C	an..35	Carrier name
	8101	TRANSIT DIRECTION, CODED	C	an..3	+			
	C401	*EXCESS TRANSPORTATION INFORMATION*	C					
E	8457	Excess transportation reason, coded	M	an..3	:			
F	8459	Excess transportation responsibility, coded	M	an..3	:			
	7130	Customer authorization number	C	an..17	+			
	C222	*TRANSPORT IDENTIFICATION*	C			C		
	8213	Id. of means of transport identification	C	an..9	:	C	an..9	Identification of means of transport
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	8212	Id. of the means of transport	C	an..35	:			
	8453	Nationality of means of transport, coded	C	an..3	+			
	8281	TRANSPORT OWNERSHIP, CODED	C	an..3	'			

8067 - Mode of transport, coded

General Codes to be used for Lear, more detailed Codes may need to be implemented on request of Lear Implementation Plant:

01	Truck subsupplier
02	Truck customer
03	Truck consolidator
04	Truck rail
05	Truck supplier
06	Rail freight
07	Rail express
08	Rail wagon
09	Mail delivery
10	Air freight
11	Sea freight

Segment group 10: CPS-FTX-SG11-SG15

Segment group:	10 [CPS]	Level:	1
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	9999 per message	Lear occurrences:	as required
Function:	group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships.		
Lear interchange:	only segment CPS is used in segment group 10. Segment group 10 may be used as detailed below:		

0380 CPS - CONSIGNMENT PACKING SEQUENCE

Segment group:	10 [CPS]	Level:	1
EDIFACT status:	mandatory if segment group 10 is used	Lear status:	mandatory
Maximum use:	1 per segment group 10 (max. 9999)	Lear occurrences:	as required
Function:	segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.		
Lear interchange:	see remarks.		

Example: **CPS+1++1'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	7164	HIERARCHICAL ID. NUMBER	M	an..12	+	**M**	an..12	A unique number assigned by the sender to identify a level within a hierarchical structure. Begins with the number 1 and increments by one for each occurrence within the message. Numbers are not to be repeated within the same message.
	7166	HIERARCHICAL PARENT ID.	C	an..12	+			
B	7075	PACKAGING LEVEL, CODED	C	an..3	'	**M**	an..3	"**1**" = Inner Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.

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Segment group 11: PAC-MEA-QTY-SG12-SG13

Segment group:	11 [CPS.SG11]	Level:	2
EDIFACT status:	conditional	Lear status:	mandatory, if CPS with code '1' or '3' is used
Maximum use:	9999 per CPS in segment group 10	Lear occurrences:	1 per segment group 10
Function:	group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.		
Lear interchange:	only the segments PAC and QTY are used in segment group 11.		

0410 PAC - PACKAGE

Segment group:	11 [CPS.PAC]	Level:	2
EDIFACT status:	mandatory if segment group 11 is used	Lear status:	mandatory
Maximum use:	1 per segment group 11 (max. 9999 per CPS)	Lear occurrences:	1 per segment group 11
Function:	segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.		
Lear interchange:			

Example: **PAC+10++TFK345'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	7224	NUMBER OF PACKAGES	C	n..8	+	**M**	n..8	Number of packages.
	C531	*PACKAGING DETAILS*	C					
	7075	Packaging level, coded	C	an..3	:			
	7233	Packaging related information, coded	C	an..3	:			
	7073	Packaging terms and conditions, coded	C	an..3	+			
	C202	*PACKAGE TYPE*	C			**M**		
B	7065	Type of packages identification	C	an..17	:	**M**	an..17	Identification of the container used for the shipment of the part number identified in the following LIN segment.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	7064	Type of packages	C	an..35	+			
	C402	*PACKAGE TYPE IDENTIFICATION*	C					
	7077	Item description type, coded	M	an..3	:			
	7064	Type of packages	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	7064	Type of packages	C	an..35	:			
	7143	Item number type, coded	C	an..3	+			
	C532	*RETURNABLE PACKAGE DETAILS*	C					
	8395	Returnable package freight payment responsibility, coded	C	an..3	:			
	8393	Returnable package load contents, coded	C	an..3	'			

0430 QTY - QUANTITY

Segment group: 11 [CPS.PAC.QTY] Level: 3
EDIFACT status: conditional Lear status: mandatory
Maximum use: 10 per PAC in segment group 11 Lear occurrences: 1 per PAC in segment group 11
Function: segment to specify the quantity per package described in the PAC segment.
Lear interchange: See segment description

Example: **QTY+52:1:PCE'**
A B C

	EDIFACT STANDARD DEFINITION					Lear 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	"**52**" = Quantity per package
B	6060	Quantity	M	n..15	:	**M**	n..15	Actual package quantity
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	See UN/ECE Recommendation Nbr. 20

Segment group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23

Segment group:	15 [CPS.SG15]	Level:	2
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	9999 per CPS in segment group 10	Lear occurrences:	as required
Function:	group of segments providing details of the individual despatched items.		
Lear interchange:	only LIN, PIA, QTY, REF, PCI and GIN are used in segment group 15.		

0560 LIN - LINE ITEM

Segment group:	15 [CPS.LIN]	Level:	2
EDIFACT status:	mandatory if segment group 15 is used	Lear status:	mandatory
Maximum use:	1 per segment group 15 (max. 9999 per CPS)	Lear occurrences:	1 per segment group 15
Function:	segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.		
Lear interchange:	see remarks.		

Example: **LIN+++12345678:IN'**
A B

	EDIFACT STANDARD DEFINITION					Lear 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	Lear part number.
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	n..6	+			
	1222	CONFIGURATION LEVEL	C	n..2	+			
	7083	CONFIGURATION, CODED	C	an..3	'			

0570 PIA - ADDITIONAL PRODUCT ID

Segment group:	15 [CPS.LIN.PIA]	Level:	3
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	10 per LIN in segment group 15	Lear occurrences:	1 per preceding LIN
Function:	segment providing additional product identification.		
Lear interchange:	see remarks.		

Example: **PIA++C12345678:SA'**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	4347	PRODUCT ID. FUNCTION QUALIFIER	M	an..3	+			
	C212	*ITEM NUMBER IDENTIFICATION*	M			**M**		
A	7140	Item number	C	an..35	:	**M**	an..35	Supplier item number
B	7143	Item number type, coded	C	an..3	:	**M**	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					
	7140	Item number	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C212	*ITEM NUMBER IDENTIFICATION*	C					
	7140	Item number	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C212	*ITEM NUMBER IDENTIFICATION*	C					
	7140	Item number	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	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	'			

0600 QTY - QUANTITY

Segment group:	15 [CPS.LIN.QTY]	Level:	3
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	10 per preceding LIN	Lear occurrences:	max. 1 per segment group 15
Function:	segment to give quantity information concerning the product.		
Lear interchange:	see remarks.		

Example: **QTY+12:99999:PCE'**

A B C

	EDIFACT STANDARD DEFINITION					Lear 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	"**12**" = Despatch quantity
B	6060	Quantity	M	n..15	:	M	n..12	Actual despatched item quantity
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation no. 20.

Segment group 16: RFF-NAD-CTA-DTM

Segment group:	16 [CPS.LIN.SG16]	Level:	3
EDIFACT status:	conditional	Lear status:	mandatory
Maximum use:	99 per LIN in segment group 15	Lear occurrences:	1 per segment group 15
Function:	group of segments to give reference numbers and dates.		
Lear interchange:	only RFF is used in segment group 16.		

0720 RFF - REFERENCE

Segment group:	16 [SEQ.LIN.RFF]	Level:	3
EDIFACT status:	mandatory if segment group 16 is used	Lear status:	mandatory
Maximum use:	1 per segment group 16 (max.99 per LIN)	Lear occurrences:	1 per segment group 16
Function:	segment identifying documents related to the line item.		
Lear interchange:	see remarks.		

Example: **RFF+ON:A1A2A3A4A'**
A B

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

Segment group 20: PCI-DTM-MEA-QTY-SG21-SG22

Segment group:	20 [CPS.LIN.SG20]	Level:	3
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	9999 per LIN in segment group 15	Lear occurrences:	as required
Function:	group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.		
Lear interchange:	used below LIN segment for transmitting making label information only the segments PCI and GIN are used in group 20.		

0890 PCI - PACKAGE IDENTIFICATION

Segment group:	20 [CPS.LIN.PCI]	Level:	3
EDIFACT status:	mandatory if segment group 20 is used	Lear status:	mandatory
Maximum use:	1 per segment group 20 (max.9999 per LIN)	Lear occurrences:	1 per segment group 20
Function:	segment specifying marking and labels used on individual packages or a range of packages.		
Lear interchange:	see remarks.		

Example: **PCI+17+12345'**
A B

	EDIFACT STANDARD DEFINITION					Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4233	MARKING INSTRUCTIONS, CODED	C	an..3	+	C	an..3	"**17**" = Seller's instruction Markings as specified by the seller
	C210	*MARKS & LABELS*	C			C		
B	7102	Shipping marks	M	an..35	:	M	an..35	Master label
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	+			
	8275	CONTAINER/PACKAGE STATUS, CODED	C	an..3	+			
	C827	*TYPE OF MARKING*	C					
	7511	Type of marking, coded	M	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	'			

Segment group 21: GIN-DLM

Segment group:	21 [CPS.LIN.PCI.SG21]	Level:	4
EDIFACT status:	conditional	Lear status:	conditional
Maximum use:	10 per PCI in segment group 20	Lear occurrences:	maximum 99 per PCI
Function:	group of segments giving package identification numbers and, where relevant, delivery limitation information.		
Lear interchange:	only GIN is used in segment group 21.		

0940 GIN - GOODS IDENTITY NUMBER

Segment group:	21 [CPS.LIN.PCI.GIN]	Level:	4
EDIFACT status:	mandatory	Lear status:	mandatory
Maximum use:	1 per segment group 21 (max. 10 per PCI)	Lear occurrences:	1 per segment group 21
Function:	segment providing identification numbers being applied to the packages despatched.		
Lear interchange:	used to transmit the box label.		

Example: **GIN+ML+BC123HVU579X’**
A B

EDIFACT STANDARD DEFINITION						Lear IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	7405	IDENTITY NUMBER QUALIFIER	M	an..3	+	**M**	an..3	“**ML**” = Marking label
	C208	*IDENTITY NUMBER RANGE*	M			**M**		
B	7402	Identity number	M	an..35	:	**M**	an..35	Box label number
	7402	Identity number	C	an..35	+			
	C208	*IDENTITY NUMBER RANGE*	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	*IDENTITY NUMBER RANGE*	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	*IDENTITY NUMBER RANGE*	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	*IDENTITY NUMBER RANGE*	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	‘			

3.8. EXAMPLE OF MESSAGE

Following example is only illustrative and does not necessarily reflect an existing situation

UNB+UNOA:1+SUPPLIER+CLIENTE+020510:16:00+1234'	
UNH+1+DESADV:D:97A:UN'	
BGM+351+SHIPMENT_NBR+9'	*Shipment Identification Number*
DTM+137:200205101400:203'	*Document issue date/time*
DTM+11:199803051500:203'	*Despatch date/time*
DTM+132:199803061000:203'	*Estimated arrival date/time*
MEA+AAX+AAC+KGM:9999'	*Shipment net weight*
MEA+AAX+AAD+KGM:9999'	*Shipment gross weight*
MEA+AAX+ABJ+MTQ:99'	*Shipment volume*
NAD+SU+SUPPLIER::92'	*Supplier identification*
CTA+SU+:JOE_SMITH'	*Supplier contact person*
NAD+ST+SHIPTO::92'	*Shipto identification*
LOC+11+FINAL_DELIVERY_POINT'	*Delivery dock*
TOD+++EXW'	*Delivery details (Incoterm code)*
FTX+AAI+++TEXT'	*Shipment Free text*
TDT+++11++CR:::CARRIER_NAME+++CARRIER_PLATE'	*Transport details*
CPS+1++1'	*Detail trigger segment 1*
PAC+10++TFK345::92'	*Packing details part number 1*
QTY+52:10:PCE'	*Package quantity part number 1*
LIN+++12345678:IN'	*Customer part number 1*
PIA++C12345678:SA'	*Supplier part number 1*
QTY+12:100:PCE'	*Despatched quantity part number 1*
RFF+ON:A1A2A3A4A'	*Purchase order part number 1*
CPS+2++1'	*Detail trigger segment 2*
PAC+1++TFK345::92'	*Packing details part number 2*
QTY+52:1:PCE'	*Package quantity part number 2*
LIN+++11111111:IN'	*Customer part number 2*
PIA++C11111111:SA'	*Supplier part number 2*
QTY+12:1:PCE'	*Despatched quantity part number 2*
RFF+ON:A1A2A3A4A'	*Purchase order part number 2*
PCI+17'	*Marking package trigger segment 2*
GIN+ML+LABEL_BOX'	*Box making label*
CPS+3++1'	*Detail trigger segment 3*
PAC+5++TFK345::92'	*Packing details part number 3*
QTY+52:2:PCE'	*Package quantity part number 3*
LIN+++22222222:IN'	*Customer part number 3*
PIA++C22222222:SA'	*Supplier part number 3*
QTY+12:10:PCE'	*Despatched quantity part number 3*
RFF+ON:A1A2A3A4A'	*Purchase order part number 3*
PCI+17+PALLET_LABEL'	*Marking package trigger segment 3*
GIN+ML+LABEL_BOX1'	*Box making label*
GIN+ML+LABEL_BOX2'	*Box making label*
GIN+ML+LABEL_BOX3'	*Box making label*
GIN+ML+LABEL_BOX4'	*Box making label*
GIN+ML+LABEL_BOX5'	*Box making label*
UNT+30+1'	
UNZ+1+1234'	

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

Map: sudesa97.map