



WEEKLY NEEDS EXPRESSION

DELFOR EDIFACT D96A



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## History of changes

Vers. No.	Release date	Author / Responsibility	Reason of change	Chapter / Pages
V01	01.09.2000	B.Dage/E.Delvar	Design	All
V02	20.11.2000	B.Dage	Error	1.4 / 4
V03	19.03.2004	C.Galicia	NA adaptation	5 / 14, 17, 18, 19, 21, 38
V03.1	10.08.2004	V.Rosas	Labels and kanban implementation	5/22,5/23,5/24,5/25,5/26,5/27,5/28,5/29,5/30,5/31/5/32,5/33,5/34,5/35,5/36,6/39

# 1 THE WEEKLY NEEDS EXPRESSION MESSAGE

## 1.1 Introduction

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D96.A, to be used in Electronic Data Interchange (EDI) between a VALEO Operating Company and its Trading Partners.

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

## 1.2 Status

MESSAGE TYPE	: DELFOR
REFERENCE DIRECTORY	: D.96A
VALEO SUBSET VERSION	: 01

## 1.3 Definition

The DELFOR message (DELIVERY FORECAST) is the way to express forward-looking needs concerning all supplying modes: “consumption renewal” or “anticipated consumption”.

In addition, it may be used to express firm deliveries orders in the case of “anticipated consumption” supplying mode.

In the case of “consumption renewal”, shipping instructions will be provided in an additional call-off message.

## 1.4 Principles

The main message running rules are the following:

“Anticipated Consumption” : the sending schedule is always of “supersede” type on each article/order line level. It means that all the previous quantities/dates of the articles/orders concerned by the schedule are superseded and replaced by the quantities/dates stated in the schedule.

“Consumption Renewal”: the sending schedule is always of “supersede” type on each article/order line level.

Quantities/dates expressed in the QTY segment of the Delivery Schedule Detail Section with qualifier 83 are the backorder quantities.

Quantities/dates expressed in the QTY segment of the Delivery Schedule Detail Section with qualifier 113 are the quantities to be delivered.

Both quantities/dates here above mentioned are based on the sum of receipt and/or on the last delivery note received at VALEO.

For parts supplied as “Anticipated Consumption”, DELFOR is used as:  
 Delivery Order (SCC 4017=1),  
 Forecast (SCC 4017=4).

For parts supplied as “Consumption Renewal”, DELFOR contains only Forecast and SCC 4017 data will only contain the value 4.

\* \* \*

**2 Message Structure Chart**

**Delivery Schedule Heading Section**

UNH		1	M	1	MESSAGE HEADER
BGM		2	M	1	Beginning of message
DTM		3	M	1	Date/time/period
SG1	R			1	RFF-DTM
RFF		4	M	1	Reference
DTM		5	C	1	Date/time/period
SG2	R			2	NAD-SG3
NAD		6	M	1	Name and address
SG3	C			1	CTA-COM
CTA		7	C	1	Contact information
COM		8	C	5	Communication contact
UNS		9	M	1	SECTION CONTROL

**Delivery Schedule Detail Section - Location Driven Approach**

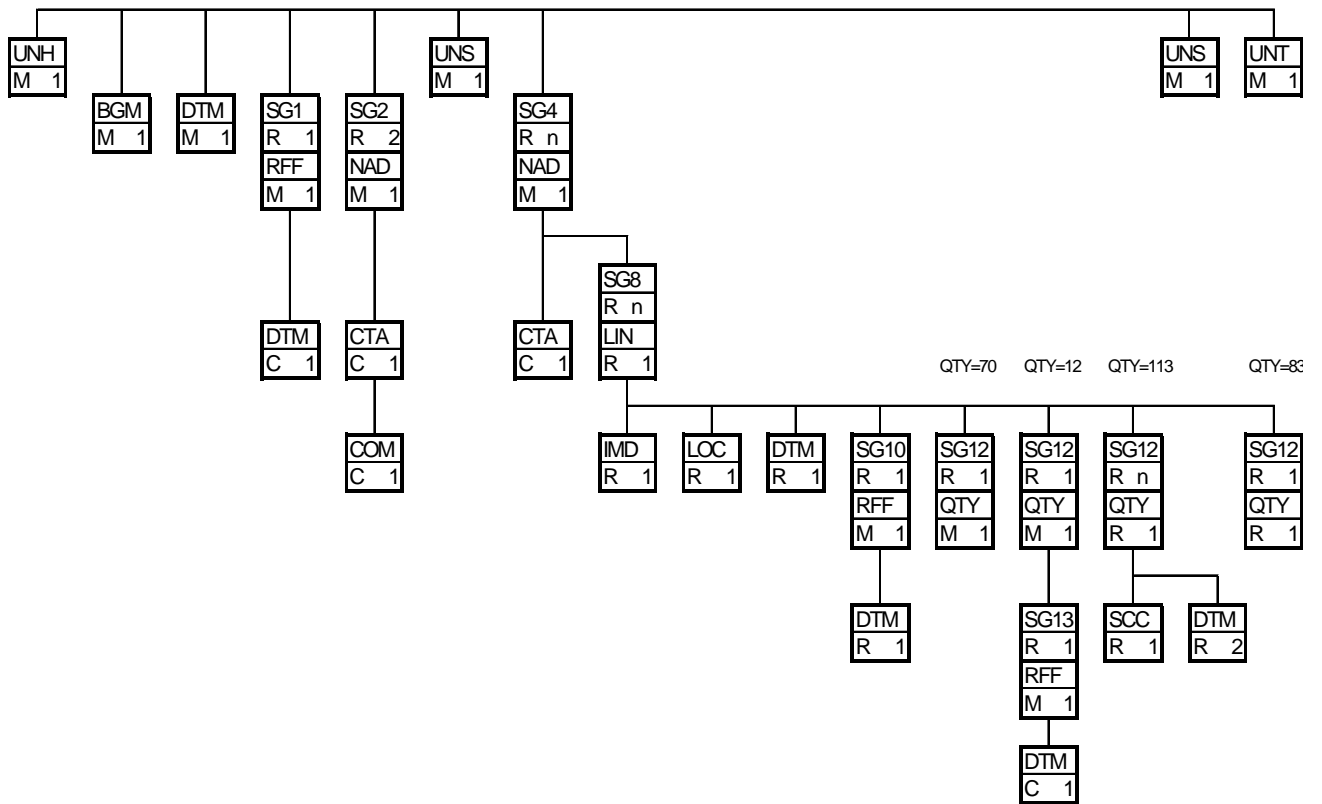
SG4	R			500	NAD-SG7-SG8
NAD		10	M	1	Name and address
SG6	C			1	CTA-COM
CTA		11	M	1	Contact information
COM		12	C	5	Communication contact
SG8	R			9999	LIN-PIA-SG10-SG12-SG13
LIN		13	M	1	Line item
IMD		14	C	1	Additional product id
LOC		15	R	1	Location identification
DTM		16	R	2	Date/time/period
SG10	R			1	RFF-DTM
RFF		17	M	1	Reference
DTM		18	C	1	Date/time/period
SG12	R			1	QTY-SCC-DTM with qty_6063=78
QTY		19	M	1	Quantity
SG12	R			1	QTY-SCC-DTM with qty_6063=70
QTY		19	M	1	Quantity
SG12	R			1	QTY-SCC-DTM with qty_6063=12
QTY		19	M	1	Quantity
SG13	R			1	RFF-DTM
RFF		22	M	1	Reference
DTM		23	C	1	Date/time/period
SG12	R			196	QTY-SCC-DTM with qty_6063=113
QTY		19	M	1	Quantity
SCC		20	R	1	Scheduling conditions
DTM		21	R	1	Date/time/period
SG12	C			1	QTY-SCC-DTM with qty_6063=83
QTY		19	M	1	Quantity
DTM		21	C	1	Date/time/period

**Delivery Schedule Summary Section**

UNS		24	M	1	SECTION CONTROL
UNT		25	M	1	MESSAGE TRAILER

\* \* \*

### 3 Branching Diagram



## 4 Segments Description

### Delivery Schedule Heading Section

#### UNH - M 1 - MESSAGE HEADER

This segment is used to head, identify and specify a message.

#### BGM - M 1 - Beginning of message

This segment is used to indicate the type and function of a message and to transmit the identifying number.

#### DTM - M 10 - Date/time/period

This segment is used to specify the date of the Delivery Schedule message.

#### SG1 - C 10 - RFF-DTM

A group of segments giving references relevant to the whole message.

#### RFF - M 1 - Reference

This segment is used to identify additional references relevant to the whole Delivery Schedule.

#### DTM - C 1 - Date/time/period

This segment is used to indicate any dates associated with the references provided in the previous RFF segment.

#### SG2 - C 20 - NAD-SG3

A group of segments identifying names, addresses and contacts relevant to the whole Delivery Schedule.

#### NAD - M 1 - Name and address

This segment is used to indicate the trading parties involved in the Delivery Schedule process. Identification of buyer and supplier is mandatory in the delivery schedule. Additionally, the invoicee may also be specified if different to the buyer and supplier.

#### SG3 - C 5 - CTA-COM

A group of segments to identify people, functions, or departments and appropriate numbers to whom communication should be directed.

#### CTA - M 1 - Contact information

This segment is used to identify department and/or contact names within the party specified in the previous NAD segment. The VALEO location number is particularly suitable for this purpose.

#### COM - C 5 - Communication contact

This segment identifies the communications number, and type of communications, for the department or person identified in the previous CTA segment.

#### UNS - M 1 - SECTION CONTROL

This segment is used to separate the heading and detail sections of the DELFOR message.

### Delivery Schedule Detail Section

#### SG4 - C 500 - NAD-SG7-SG8

A group containing delivery names and addresses, related information and details of line items to be consigned to a specified consignee and delivery points.

**NAD - M 1 - Name and address**

This segment is used to specify the code, name and adresse of the consignee in case of location driven delivery schedule.

**SG8 - C 9999 - LIN-PIA-SG10-SG12-SG14**

A group of segments providing details of the individual line items for the specified delivery point.

**LIN - M 1 - Line item**

This segment is used to identify the product or service for which the schedule or forecast is being provided.

**IMD - C 10 – Item description**

This segment is used to specify additional or substitutional item identification in the form of a free text or coded description.

**LOC - C 100 – Place/Location identification**

This segment is used to indicate any additional place or location related to the line item dates such as delivery points.

**DTM - C 5 - Date/time/period**

This segment is used to indicate any dates associated with the line item.

**SG10 - C 10 - RFF-DTM**

A group of segments giving references related to the line item and where necessary, their dates.

**RFF - M 1 - Reference**

This segment is used to provide reference numbers which provide further identification of each line item in the delivery schedule.

**DTM - C 1 - Date/time/period**

This segment is used to indicate any dates associated with the references provided in the previous RFF segment.

**SG12 - C 200 - QTY-SCC-DTM-SG13**

A group of segments specifying quantity related information for actual delivery, reporting or cumulative quantities and forecast quantities as required for the line item.

**QTY - M 1 - Quantity**

This segment is used to specify quantities related to for the current line item.

**SCC - C 1 - Scheduling conditions**

This segment is used to specify the type and status of the schedule being given, and optionally defining a pattern to be established, e.g., firm or proposed delivery schedule for a weekly pattern.

**DTM - C 2 - Date/time/period**

This segment is used to provide dates and times relating to the quantity and schedule details in the QTY/SCC segments. This segment may indicate date/time ranges, e.g., the start and end date for a delivery pattern, etc.

**SG13 - C 10 - RFF-DTM**

A group of segments giving references related to the delivery quantities and dates of the item and where necessary, the associated date.

**RFF - M 1 - Reference**

This segment is used to provide reference numbers related to the specified quantity and dates.

**DTM - C 1 - Date/time/period**

This segment is used to indicate any date associated with the references provided in the previous RFF segment.

**Delivery Schedule Summary Section**

**UNS - M 1 - SECTION CONTROL**

This segment is used as a separator between the message detail section and the message summary section.

**UNT - M 1 - MESSAGE TRAILER**

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

\* \* \*

## 5 Segments Layout

This section describes each segment used in the VALEO Needs Expression message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the VALEO subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the **(M)andatory / (C)onditional** indicator, the maximum number of occurrences and the segment description. The conditional indicator may be completed by a **(R)equired** when the segment is intended to be systematically used by VALEO for its business or transmission needs.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, VALEO specific information is provided in the third and fourth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column notes and code values used for specific data elements in the message.

- 2.1 **(M)andatory** data elements in EDIFACT segments retain their status in VALEO.
- 2.2 Additionally, there are two types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:
  - REQUIRED               **R**       Indicates that the entity is required and must be sent.
  - NOT USED                **N**       Indicates that the entity is not used and should be omitted.
- 2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

\* \* \*

UNH - M                    1 - MESSAGE HEADER			
Function                    :            To head, identify and specify a message.			
Segment number        :    1			
	EDIFACT	VALEO	Description
<b>0062    Message reference number</b>	M an..14	M	Senders unique message reference. Sequence number of messages in the interchange. DE0062 in the UNT will have the same value.
<b>S009    MESSAGE IDENTIFIER</b>	M	M	
<b>0065    Message type identifier</b>	M an..6	M	DELFOR = Delivery schedule message
<b>0052    Message type version number</b>	M an..3	M	D = Draft directory
<b>0054    Message type release number</b>	M an..3	M	96A = Version 96A
<b>0051    Controlling agency</b>	M an..2	M	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057    Association assigned code	C an..6	N	
<b>0068    Common access reference</b>	C an..35	M	“SH” = Shipment Based “DL” = Delivery Based
<b>S010    STATUS OF THE TRANSFER</b>	C	N	
0070    Sequence message transfer number	M n..2		
0073    First/last sequence message transfer indication	C a1		
<u>Segment Notes.</u>			
This segment is used to head, identify and specify a message.			
DE's 0065, 0052, 0054, and 0051: indicate that the message is a UNSM Delivery Schedule message based on the D.96A directory under the control of the United Nations.			
Example : UNH+ME000001+DELFOR:D:96A:UN+SH'			

BGM - M                    1 - Beginning of message			
Function                    :            To indicate the type and function of a message and to transmit the identifying number.			
Segment number        :    2			
	EDIFACT	VALEO	Description
<b>C002 DOCUMENT/MESSAGE NAME</b>	C	R	
<b>1001 Document/message name, coded</b>	C an..3	R	241 = Delivery Schedule
1131 Code list qualifier	C an..3	N	
3055 Code list responsible agency, coded	C an..3	N	
1000 Document/message name	C an..35	N	
<b>1004 Document/message number</b>	C an..35	R	Delivery schedule number assigned by VALEO.
<b>1225 Message function, coded</b>	C an..3	R	5 = Replace This schedule replaces the previous schedule
4343 Response type, coded	C an..3	N	
<u>Segment Notes.</u>			
Example: BGM+241+123+5'			

DTM - M            10 - Date/time/period			
Function            :            To specify date, and/or time, or period.			
Segment number   :   3			
	EDIFACT	VALEO	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M	
<b>2005 Date/time/period qualifier</b>	M an..3	M	137 = Document/message date/time
<b>2380 Date/time/period</b>	C an..35	R	
<b>2379 Date/time/period format qualifier</b>	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>			
Example :			
DTM+137:20000622:102'			

SG1 - C 10 - RFF-DTM			
RFF - M 1 - Reference			
Function : To specify a reference.			
Segment number : 4			
	EDIFACT	VALEO	Description
<b>C506 REFERENCE</b>	M	M	
<b>1153 Reference qualifier</b>	M an..3	M	ACW = Reference number to previous message
<b>1154 Reference number</b>	C an..35	R	
1156 Line number	C an..6	N	
4000 Reference version number	C an..35	N	
<u>Segment Notes.</u>			
Example : RFF+ACW:122'			

SG2 - C                    20 - NAD-SG3			
NAD - M                    1 - Name and address			
Function                    :                    To specify the name/address and their related function			
Segment number        :        5			
	EDIFACT	VALEO	Description
<b>3035 Party qualifier</b>	M an..3	M	SE = Seller
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	R	
<b>3039 Party id. identification</b>	M an..35	M	VALEO internal number of the seller
1131 Code list qualifier	C an..3	N	
<b>3055 Code list responsible agency, coded</b>	C an..3	R	92=code assigned by buyer
<b>C058 NAME AND ADDRESS</b>	C	N	
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		
<b>C080 PARTY NAME</b>	C	R	
<b>3036 Party name</b>	M an..35	M	Seller name, clear text
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3045 Party name format, coded	C an..3	N	
<b>C059 STREET</b>	C	R	
<b>3042 Street and number/p.o. box</b>	M an..35	M	Building Name/Number and Street name
3042 Street and number/p.o. box	C an..35	N	
3042 Street and number/p.o. box	C an..35	N	
3042 Street and number/p.o. box	C an..35	N	
<b>3164 City name</b>	C an..35	R	City/Town name, clear text
3229 Country sub-entity identification	C an..9	N	
<b>3251 Postcode identification</b>	C an..9	R	Postal Code
<b>3207 Country, coded</b>	C an..3	R	ISO 3166 two alpha

Segment Notes.

This segment is used to indicate the trading parties involved in the Delivery Schedule process. Identification of buyer and supplier is mandatory in the delivery schedule.

Example :

NAD+SE+12345::92++SUPPLIER NAME INC'

SG2 - C                    20 - NAD-SG3			
NAD - M                    1 - Name and address			
Function                    :                    To specify the name/address and their related function			
Segment number        :        6			
	EDIFACT	VALEO	Description
<b>3035 Party qualifier</b>	M an..3	M	BY = Buyer
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	R	
<b>3039 Party id. identification</b>	M an..35	M	VALEO Buyer Site code
1131 Code list qualifier	C an..3	N	
<b>3055 Code list responsible agency, coded</b>	C an..3	R	92=code assigned by buyer
<b>C058 NAME AND ADDRESS</b>	C	N	
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		
<b>C080 PARTY NAME</b>	C	R	
<b>3036 Party name</b>	M an..35	M	Buyer name, clear text
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3045 Party name format, coded	C an..3	N	
<b>C059 STREET</b>	C	N	
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	N	
3229 Country sub-entity identification	C an..9	N	
3251 Postcode identification	C an..9	N	
3207 Country, coded	C an..3	N	
<u>Segment Notes.</u>			
Example : NAD+BY+W045::92++VALEO SITE NAME'			

SG2 - C                    20 - NAD-SG3			
SG3 - C                    5 - CTA-COM			
CTA - M                    1 - Contact information			
Function                    :            To identify a person or a department to whom communication should be directed.			
Segment number        :            7			
	EDIFACT	VALEO	Description
<b>3139 Contact function, coded</b>	C an..3	R	IC = Information contact
<b>C056 DEPARTMENT OR EMPLOYEE DETAILS</b>	C	R	
3413 Department or employee identification	C an..17	N	
<b>3412 Department or employee</b>	C an..35	R	Name of the contact
<u>Segment Notes.</u>			
Example : CTA+IC+:J SMITH'			

UNS - M                    1 - SECTION CONTROL			
Function                    :            To separate header, detail, and summary sections of a message.			
Segment number        :        8			
	EDIFACT	VALEO	Description
<b>0081 Section identification</b>	M a1	M	D = Header/detail section separation
<u>Segment Notes.</u>			
Example :			
UNS+D'			

SG4 - C                    500 - NAD-SG7-SG8			
NAD - M                    1 - Name and address			
Function                    :                    To specify the name/address and their related function.			
Segment number        :                    9			
	EDIFACT	VALEO	Description
<b>3035 Party qualifier</b>	M an..3	M	CN = Consignee
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	A	
<b>3039 Party id. identification</b>	M an..35	M	Site code of Consignee VALEO Plant
1131 Code list qualifier	C an..3	N	
<b>3055 Code list responsible agency, coded</b>	C an..3	R	92=code assigned by buyer
<b>C058 NAME AND ADDRESS</b>	C	N	
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		
<b>C080 PARTY NAME</b>	C	R	
<b>3036 Party name</b>	M an..35	M	Name of the plant, clear text
<b>3036 Party name</b>	C an..35	C	Name of the plant (if necessary)
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3036 Party name	C an..35	N	
3045 Party name format, coded	C an..3	N	
<b>C059 STREET</b>	C	N	
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	N	
3229 Country sub-entity identification	C an..9	N	
3251 Postcode identification	C an..9	N	
3207 Country, coded	C an..3	N	
<u>Segment notes:</u>			
Example : NAD+CN+V015::92++VALEO CONSIGNEE CODE'			

SG4 - C            500 - NAD-SG7-SG8				
SG8 - C            9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14				
LIN - M            1 - Line item				
Function            :        To identify a line item and configuration.				
Segment number    :        10				
		EDIFACT	VALEO	Description
1082	Line item number	C n..6	N	
<b>1229</b>	<b>Action request/notification, coded</b>	C an..3	R	3 = Changed
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	C	R	
<b>7140</b>	<b>Item number</b>	C an..35	R	VALEO article number
<b>7143</b>	<b>Item number type, coded</b>	C an..3	R	IN
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	C	N	
5495	Sub-line indicator, coded	C an..3		
1082	Line item number	C n..6		
1222	Configuration level	C n..2	N	
7083	Configuration, coded	C an..3	N	
<u>Segment Notes.</u>				
Example :				
LIN++3+207050:IN'				

SG4 - C            500 - NAD-SG6-SG8			
SG8 - C            9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
IMD - C            10 - Item description			
Function :            To describe an item in either an industry or free format.			
Segment number : 11			
	EDIFACT	VALEO	Description
7077 Item description type, coded	C an..3	N	Designation of the item in free form
7081 Item characteristic, coded	C an..3	N	
<b>C273 ITEM DESCRIPTION</b>	C	R	
7009 Item description identification	C an..17	N	
1131 Code list qualifier	C an..3	N	
3055 Code list responsible agency, coded	C an..3	N	
<b>7008 Item description</b>	C an..35	R	
7008 Item description	C an..35	N	
3453 Language, coded	C an..3	N	
7383 Surface/layer indicator, coded	C an..3	N	
<u>Segment Notes.</u>			
Example :			
IMD++++:::EMBAYAGE 230 CP'			

SG4 - C 500 - NAD-SG6-SG8			
SG8 - C 9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
LOC - C 100- Place/location identification			
Function : To identify a country/place/location/related location one/related location two.			
Segment number : 12			
	EDIFACT	VALEO	Description
<b>3227 Place/location qualifier</b>	M an..3	M	11 = Place of discharge
<b>C517 LOCATION IDENTIFICATION</b>	C	R	
<b>3225 Place/location identification</b>	C an..25	R	VALEO codification of the unloading point
1131 Code list qualifier	C an..3	N	
<b>3055 Code list responsible agency, coded</b>	C an..3	R	92=assigned by buyer
3224 Place/location	C an..70	N	
<b>C519 RELATED LOCATION ONE IDENTIFICATION</b>	C	N	
3223 Related place/location one identification	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		
<b>C553 RELATED LOCATION TWO IDENTIFICATION</b>	C	N	
3233 Related place/location two identification	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	N	
<u>Segment Notes.</u>			
Example : LOC+11+ATSZG::92'			

SG4 - C                    500 - NAD-SG6-SG8			
SG8 - C                    9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
DTM - C                    5 - Date/time/period			
Function                    :                    To specify date, and/or time, or period.			
Segment number        :                    13			
	EDIFACT	VALEO	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M	
<b>2005 Date/time/period qualifier</b>	M an..3	M	257 = Calculation date
<b>2380 Date/time/period</b>	C an..35	R	Date of the schedule
<b>2379 Date/time/period format qualifier</b>	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>			
Example :			
DTM+257:20000622:102'			

SG4 - C	500 - NAD-SG6-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG10 - C	10 - RFF-DTM			
RFF - M	1 - Reference			
Function	:	To specify a reference.		
Segment number	:	14		
		EDIFACT	VALEO	Description
<b>C506 REFERENCE</b>		M	M	
<b>1153 Reference qualifier</b>		M an..3	M	ON = Order number
<b>1154 Reference number</b>		C an..35	R	VALEO order number
1156 Line number		C an..6	O	
4000 Reference version number		C an..35	N	
<u>Segment Notes.</u>				
Example :				
RFF+ON:550000120'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG10 - C	10 - RFF-DTM			
DTM - C	1 - Date/time/period			
Function	:	To specify date, and/or time, or period.		
Segment number	:	15		
		EDIFACT	VALEO	Description
<b>C507 DATE/TIME/PERIOD</b>		M	M	
<b>2005 Date/time/period qualifier</b>		M an..3	M	171 = Reference date
<b>2380 Date/time/period</b>		C an..35	R	Date of the order
<b>2379 Date/time/period format qualifier</b>		C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+171:20000201:102'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
QTY - M	1 - Quantity			
Function	:	To specify a pertinent quantity.		
Segment number	:	16		
		EDIFACT	VALEO	Description
<b>C186 QUANTITY DETAILS</b>		M	M	
<b>6063 Quantity qualifier</b>		M an..3	M	70 = Cumulative quantity received
<b>6060 Quantity</b>		M n..15	M	
<b>6411 Measure unit qualifier</b>		C an..3	M	
<u>Segment Notes.</u>				
The SG12 with qty_6063=70 will be repeated only once.				
Example :				
QTY+70:40000:EA'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
QTY - M	1 - Quantity			
Function	:	To specify a pertinent quantity.		
Segment number	:	17		
		EDIFACT	VALEO	Description
<b>C186 QUANTITY DETAILS</b>		M	M	
<b>6063 Quantity qualifier</b>		M an..3	M	12 = Despatch quantity
<b>6060 Quantity</b>		M n..15	M	
<b>6411 Measure unit qualifier</b>		C an..3	M	
<u>Segment Notes.</u>				
VALEO will only send the last quantity received with the last DN.				
There will be only one repetition of the QTY-RFF group with qualifier qty_6063=12				
Example :				
QTY+12:500:EA'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
SG13 - C	10 - RFF-DTM			
RFF - M	1 - Reference			
Function	:	To specify a reference.		
Segment number	:	18		
		EDIFACT	VALEO	Description
<b>C506 REFERENCE</b>		M	M	
<b>1153 Reference qualifier</b>		M an..3	M	AAK = Delivery Note number
<b>1154 Reference number</b>		C an..35	R	Number of the last DN received
1156 Line number		C an..6	O	
4000 Reference version number		C an..35	N	
<u>Segment Notes.</u>				
VALEO will provide within this segment the number of the last DN received at VALEO plant and corresponding to the specified quantity.				
Example :				
RFF+AAK:652744'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
SG13 - C	10 - RFF-DTM			
DTM - C	2 - Date/time/period			
Function	:	To specify date, and/or time, or period.		
Segment number	:	19		
		EDIFACT	VALEO	Description
<b>C507 DATE/TIME/PERIOD</b>		M	M	
<b>2005 Date/time/period qualifier</b>		M an..3	M	171 = Reference date
<b>2380 Date/time/period</b>		C an..35	R	Date of the last Despatch Note
<b>2379 Date/time/period format qualifier</b>		C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+171:20000610:102'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
QTY - M	1 - Quantity			
Function	:	To specify a pertinent quantity.		
Segment number	:	20		
		EDIFACT	VALEO	Description
<b>C186 QUANTITY DETAILS</b>		M	M	
<b>6063 Quantity qualifier</b>		M an..3	M	113 = Delivery quantity
<b>6060 Quantity</b>		M n..15	M	
<b>6411 Measure unit qualifier</b>		C an..3	M	
<u>Segment Notes.</u>				
The SG12 segment with qty_6063=113 will be repeated as many times as necessary.				
Example :				
QTY+113:1000:EA'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
SCC - C	1 - Scheduling conditions			
Function	:	To specify scheduling conditions.		
Segment number	:	21		
		EDIFACT	VALEO	Description
<b>4017 Delivery plan status indicator, coded</b>		M an..3	M	1 = Firm 4 = Planning/forecast
4493 Delivery requirements, coded		C an..3	N	
<b>C329 PATTERN DESCRIPTION</b>		C	N	
<b>2013 Frequency, coded</b>		C an..3	N	Y = daily W = weekly M = monthly
2015 Despatch pattern, coded		C an..3	N	
2017 Despatch pattern timing, coded		C an..3	N	
<u>Segment Notes.</u>				
The SG12 segment with qty_6063=113 will be repeated as often as necessary within the limit of 200 repetitions of the SG12 groups.				
Example : SCC+1++Y'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
DTM - C	2 - Date/time/period			
Function	:	To specify date, and/or time, or period.		
Segment number	:	22		
		EDIFACT	VALEO	Description
<b>C507 DATE/TIME/PERIOD</b>		M	M	
<b>2005 Date/time/period qualifier</b>		M an..3	M	63 = Delivery date/time, latest 64 = Delivery date/time, earliest
<b>2380 Date/time/period</b>		C an..35	R	
<b>2379 Date/time/period format qualifier</b>		C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+63:20000625:102'				

SG4 - C	500 - NAD-SG7-SG8			
SG8 - C	9999 - LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG12 - C	200 - QTY-SCC-DTM-SG13			
QTY - M	1 - Quantity			
Function	:	To specify a pertinent quantity.		
Segment number	:	23		
		EDIFACT	VALEO	Description
<b>C186 QUANTITY DETAILS</b>		M	M	
<b>6063 Quantity qualifier</b>		M an..3	M	83 = Backorder quantity
<b>6060 Quantity</b>		M n..15	M	
<b>6411 Measure unit qualifier</b>		C an..3	M	
<u>Segment Notes.</u>				
The SG12 segment with qty_6063=83 will be repeated once or not.				
Example :				
QTY+83:400:EA'				

SG4 - C	500 -	NAD-SG7-SG8			
SG8 - C	9999 -	LIN-IMD-LOC-DTM-SG10-SG12-SG14			
SG14 - C	10 -	PAC-MEA-QTY-DTM-SG21			
PAC - M	1 -	Package			
Function : segment specifying the number of package units and the type of packaging for the line item.					
Segment number : 24					
			EDIFACT	VALEO	Description
<b>7224</b>	<b>NUMBER OF PACKAGES</b>		C n..8		
<b>C531</b>	<b>PACKAGING DETAILS</b>		C		
<b>7075</b>	<b>Packaging level, coded</b>		C an..3		
<b>7233</b>	<b>Packaging related information, coded</b>		C an..3		
<b>7073</b>	<b>Packaging terms and conditions, coded</b>		C an..3		
<b>C202</b>	<b>PACKAGE TYPE</b>		C	M	
<b>7065</b>	<b>Type of packages identification</b>		C	M	<b>Coded identification of the type of package to be used for the product defined in the preceding LIN.</b>
<b>1131</b>	<b>Code list qualifier</b>		C an..3		
<b>3055</b>	<b>Code list responsible agency, coded</b>		C an..3		
<b>7064</b>	<b>Type of packages</b>		C an..35		
<b>C402</b>	<b>PACKAGE TYPE IDENTIFICATION</b>		C		
<b>7077</b>	<b>Item description type, coded</b>		M an..3		
<b>7064</b>	<b>Type of packages</b>		C an..35		
<b>7143</b>	<b>Item number type, coded</b>		C an..3		
<b>7064</b>	<b>Type of packages</b>		C an..35		
<b>7143</b>	<b>Item number type, coded</b>		C an..3		
<b>C532</b>	<b>RETURNABLE PACKAGE DETAILS</b>		C		
<b>8395</b>	<b>Returnable package freight payment responsibility, coded</b>		C an..3		
<b>8393</b>	<b>Returnable package load contents, coded</b>		C an..3		
<u>Segment Notes.</u>					
Example : PAC+++PLT71'					

UNS - M                    1 - SECTION CONTROL			
Function                    :            To separate header, detail, and summary sections of a message.			
Segment number        :    25			
	EDIFACT	VALEO	Description
<b>0081 Section identification</b>	M a1	M	S = Detail/summary section separation
<u>Segment Notes.</u>			
Example :			
UNS+S'			

UNT - M                    1 - MESSAGE TRAILER			
Function                    :            To end and check the completeness of a message.			
Segment number        :    26			
	EDIFACT	VALEO	Description
<b>0074    Number of segments in a message</b>	M n..6	M	The total number of segments in the message is detailed here.
<b>0062    Message reference number</b>	M an..14	M	The message reference number detailed hereshould equal the one specified in the UNH segment.
<u>Segment Notes.</u>			
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.			
Example :			
UNT+21+ME000001'			

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**6 Example of a Location Driven Delivery Schedule.**

UNH+ME000001+DELFOR:D:96A:UN+SH'	Message header
BGM+241+LDS562+5'	Needs expression number LDS562
DTM+137:20000621:102'	Document date 20th of June 2000
RFF+ACW:LDS561'	Previous message number LDS561
NAD+SE+100006::92++SUPPLIER NAME'	The seller is identified by the VALEO internal number 100006
NAD+BY+W045::92++VALEO SITE NAME'	The buyer party is identified by a Valeo assigned code to the site
CTA+IC+:Adriana Pulido'	Contact information
UNS+D'	Message header detail separator
NAD+CN+V015::92++CONSIGNEE NAME'	Consignee party is identified by the VALEO location number V015
LIN++3+207050:IN'	The first product in the schedule is identified by the VALEO article number 207050
IMD+++:::EMBAYAGE 230 CP'	Description of the product
LOC+11+gateA1'	Unloading point
DTM+257:20000621:102'	Date of calculation of the needs
RFF+ON+CN00012'	Reference to the order number of the article
DTM+171+20000210:102'	Date of the referenced order 10 <sup>th</sup> Feb 2000
QTY+70:20000:EA'	Up to now, 20000 units have been received at the VALEO plant
QTY+12:300:EA'	Qty sent and received in last DN: 300 units
RFF+AAK+DN1234'	Reference number of the last DN: DN1234
DTM+171:20000610:102'	Date of the last dipsatch note.
QTY+113:400:EA'	The quantity to be delivered is 400 units
SCC+1++W'	It is a firm quantity
DTM+64+20000627:102'	The delivery date is the 26 <sup>th</sup> of June 2000 at earliest and at latest
DTM+63+20000627:102'	(that's to say the required delivery date is the 26 <sup>th</sup> of June)
QTY+113:1000:EA'	The quantity to be delivered is 1000 units
SCC+4++W'	It is a previsional quantity
DTM+64+20000703:102'	This quantity is a weekly quantity for the week beginning
DTM+63+20000709:102'	the 3 <sup>rd</sup> of July
PAC+++PLT71'	Type of package
UNS+S'	
UNT+27+ME000001'	Total of 27 segments in the message

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