



EDI IMPLEMENTATION GUIDELINES

DELFOR EDIFACT D96A

SOMMAIRE

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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	: D96.A
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 It means that all the previous quantities/dates of the articles/orders concerned by the schedule are superseded and replaced by the quantities/dates stated in the schedule.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:

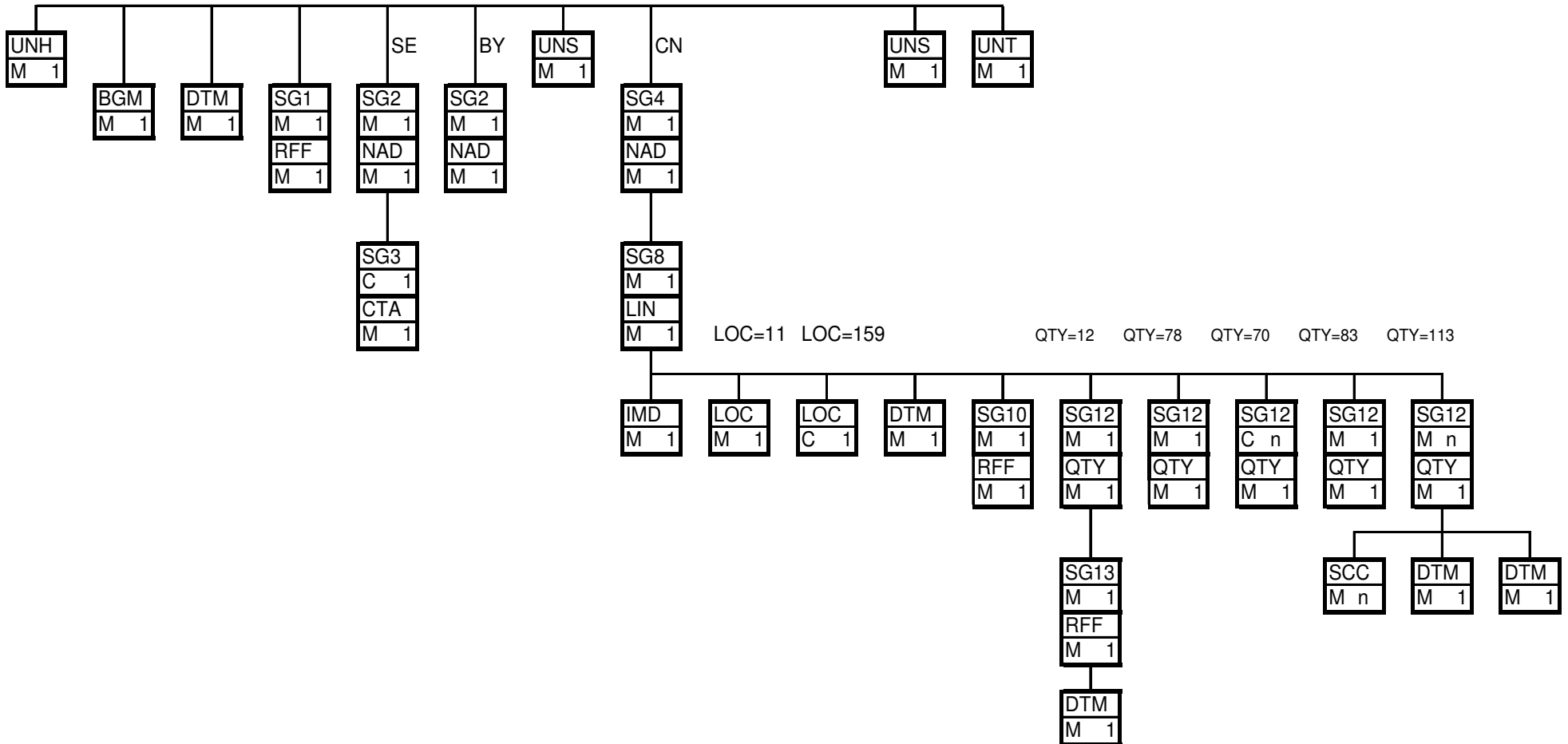
- Delivery Order (SCC 4017=1),
- Forecast (SCC 4017=4).

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

2 MESSAGE STRUCTURE CHART

<u>Delivery Schedule Heading Section</u>				
UNB	1	M	1	INTERCHANGE HEADER
UNH	2	M	1	MESSAGE HEADER
BGM	3	M	1	Beginning of message
DTM	4	M	1	Date/time/period
SG1		M	1	RFF-DTM
RFF	5	M	1	Reference
SG2		M	1	NAD-LOC-SG3
NAD	6	M	1	Name and address
SG3		C	1	CTA-COM
CTA	7	M	1	Contact information
SG2		M	1	NAD-LOC-SG3
NAD	8	M	1	Name and address
UNS	9	M	1	SECTION CONTROL
<u>Delivery Schedule Detail Section - Location Driven Approach</u>				
SG4		M	1	NAD-LOC-FTX-SG5-SG6-SG7-SG8
NAD	10	M	1	Name and address
SG8		M	1	LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG9-SG10-SG11-SG12-SG14
LIN	11	M	1	Line item
IMD	12	M	1	Additional product id
LOC	13	M	1	Location identification with loc_3227 = 11
LOC	14	C	1	Destination Point with loc_3227 = 159
DTM	15	M	1	Date/time/period
SG10		M	1	RFF-DTM
RFF	16	M	1	Reference
SG12		M	1	QTY-SCC-DTM-SG13 with qty_6063=12
QTY	17	M	1	Quantity
SG13		M	1	RFF-DTM
RFF	18	M	1	Reference
DTM	19	M	1	Date/time/period
SG12		M	1	QTY-SCC-DTM-SG13 with qty_6063=78
QTY	20	M	1	Quantity
SG12		M	1	QTY-SCC-DTM-SG13 with qty_6063=70
QTY	21	M	1	Quantity
SG12		C	1	QTY-SCC-DTM-SG13 with qty_6063=83
QTY	22	M	1	Quantity
SG12		M	999	QTY-SCC-DTM-SG13 with qty_6063=113
QTY	23	M	1	Quantity
SCC	24	M	200	Scheduling conditions
DTM	25	M	1	Date/time/period
DTM	26	M	1	Date/time/period
<u>Delivery Schedule Summary Section</u>				
UNS	27	M	1	SECTION CONTROL
UNT	28	M	1	MESSAGE TRAILER
UNZ	29	M	1	INTERCHANGE TRAILER

3 BRANCHING DIAGRAM



Delivery Schedule Heading Section

UNB - M 1 - INTERCHANGE HEADER

This segment is used to start, identify and specify an interchange.

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 1 - Date/time/period

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

SG1 - M1 - 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.

SG2 – M 1- NAD-LOC-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 identifies the person, function, or department to whom communication should be directed.

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 – M 1 - NAD-LOC-FTX-SG5-SG6-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 address of the consignee in case of location driven delivery schedule.

SG8 – M 1 - LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG9-SG10-SG11-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 – M 1 – Item description

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

LOC – M 1 – 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 – M 1 - Date/time/period

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

SG10 – M 1 - 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.

SG12 – M 999 - 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 – M 200 - 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 – M 1 - 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 – M 1 - 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 – M 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.

UNZ - M 1 – INTERCHANGE TRAILER

This segment is a mandatory UN/ODETTE segment. It must always be the last segment in the interchange.

5 SEGMENTS LAYOUT

This section describes each segment used in the VALEO Needs Expression message. The original ODETTE 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)required** 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 ODETTE status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original ODETTE segment layout.

Following the ODETTE 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 ODETTE data elements (see 2.1 through 2.3 below), and in the fourth column notes and code values used for specific data elements in the message.

- 2.1 (M)andatory data elements in ODETTE segments retain their status in VALEO.
- 2.2 Additionally, there are two types of status for data elements with a (C)onditional ODETTE 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.

UNB - M 1 - INTERCHANGE HEADER				
Function : To start, identify and specify an interchange				
Segment number : 1				
		ODETTE	VALEO	Description
S001	SYNTAX IDENTIFIER	M	M	
0001	Syntax indentifier	M a4	M	UNOA : UN/ECE level A . As defined in ISO 9735
0002	Syntax version number	M n1	M	1
S002	INTERCHANGE SENDER	M	M	
0004	Sender Identification	M an..35	M	
0007	Partner identification code qualifier	C an..4		
0008	Address for reverse routing	C an..14		
S003	INTERCHANGE RECIPIENT	M	M	
0010	Recipient Identification	M an..35	M	
0007	Partner identification code qualifier	C an..4		
0014	Routing address	C an..14		
S004	DATE/TIME OF PREPARATION	M	M	
0017	Date of preparation	M n6	M	
0019	Time of preparation	M n6	M	
0020	INTERCHANGE CONTROL REFERENCE	M an..14	M	
S005	RECIPIENT'S REFERENCE PASSWORD	C	N	
0022	Recipient's reference/password	M an..14		

0025	Recipient's reference/password qualifier	C an 2		
0026	Application reference	C an..14	R	DELFOR
0029	Processing priority code	C a1		
0031	Acknowledgement request	C n1		
0032	Communications agreement ID	C an..35		
0035	Test indicator	C n1	C	
<p><u>Segment Notes.</u></p> <p>This segment is used to To start, identify and specify an interchange.</p> <p>Example :</p> <p>UNB+UNOA:2+19503443331023+19503443331025+060731:1127+000000255++DELFOR</p>				

UNH - M		1 - MESSAGE HEADER		
Function		: To head, identify and specify a message.		
Segment number :		2		
		EDIFACT	VALEO	Description
0062	Message reference number	M an..14	M	Sender's unique message reference. Sequence number of messages in the interchange. DE0062 in the UNT will have the same value.
S009	MESSAGE IDENTIFIER	M	M	
0065	Message type identifier	M an..6	M	DELFOR = Delivery schedule message
0052	Message type version number	M an..3	M	D = Draft directory
0054	Message type release number	M an..3	M	96A = Version 96A
0051	Controlling agency	M an..2	M	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	R	A09041
0068	Common access reference	C an..35	N	
S010	STATUS OF THE TRANSFER	C	N	
0070	Sequence message transfer number	M n..2		
0073	First/last sequence message transfer indication	C a1		
<p><u>Segment Notes.</u></p> <p>This segment is used to head, identify and specify a message.</p> <p>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.</p> <p>Example :</p> <p>UNH+19043471+DELFOR:D:96A:UN:A09041</p>				

BGM - M		1 - Beginning of message		
Function :		To indicate the type and function of a message and to transmit the identifying number.		
Segment number :		3		
		EDIFACT	VALEO	Description
C002	DOCUMENT/MESSAGE NAME	C	R	
1001	Document/message name, coded	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	
1004	Document/message number	C an..35	R	Delivery schedule number assigned by VALEO.
1225	Message function, coded	C an..3	N	
4343	Response type, coded	C an..3	N	
<u>Segment Notes.</u>				
Example:				
BGM+241+125				

DTM - M 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 4				
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	137 = Document/message date/time
2380	Date/time/period	C an..35	R	
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+137:20060731:102				

SG1		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
Segment number :		5		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ADE = Account number id
1154	Reference number	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+ADE:0000002530				

SG2		NAD-SG3		
NAD - M		1 - Name and address		
Function		: To specify the name/address and their related function		
Segment number :		6		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an..3	M	SE = Seller
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	VALEO internal number of the seller
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	92=code assigned by buyer
C058	NAME AND ADDRESS	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		
C080	PARTY NAME	C	R	
3036	Party name	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	
C059	STREET	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	
<p><u>Segment Notes.</u> 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.</p> <p>Example :</p> <p>NAD+SE+0000002530::92++VLS BLOIS</p>				

SG3		CTA-COM		
CTA - M		1 - Contact information		
Function		To identify the person, function or department to whom communication should be directed.		
Segment number :		7		
		EDIFACT	VALEO	Description
3139	Contact function, coded	C an..3	R	IC = Information Contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	R	
3413	Department or employee identification	C an..17	R	
3412	Department or employee	C an..35	R	
<u>Segment Notes.</u>				
This segment is used to indicate To identify a person or a department to whom communication should be directed				
Example :				
CTA+IC+001:C. DUPONT				

SG2		NAD-SG3		
NAD - M		1 - Name and address		
Function		To specify the name/address and their related function		
Segment number :		8		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an..3	M	BY = Buyer
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	VALEO Odette code
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	10=Odette code
C058	NAME AND ADDRESS	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		
C080	PARTY NAME	C	R	
3036	Party name	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	
C059	STREET	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+19503443331023::10++VLS ANGERS				

UNS - M 1 - SECTION CONTROL				
Function :				
To separate header, detail, and summary sections of a message.				
Segment number : 9				
		EDIFACT	VALEO	Description
0081	Section identification	M a1	M	D = Header/detail section separation
<u>Segment Notes.</u>				
Example :				
UNS+D'				

SG4		NAD-SG7-SG8		
NAD - M		1 - Name and address		
Function :		To specify the name/address and their related function.		
Segment number :		10		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an..3	M	CN = Consignee
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	Odette code of VALEO Plant
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	10=Odette code
C058	NAME AND ADDRESS	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		
C080	PARTY NAME	C	R	
3036	Party name	M an..35	M	Name of the plant, 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	
C059	STREET	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+19503443331023::10++VALEO VISION ANGERS				

SG4		NAD-SG7-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
LIN - M		1 - Line item		
Function :		To identify a line item and configuration.		
Segment number :		11		
		EDIFACT	VALEO	Description
1082	Line item number	C n..6	N	
1229	Action request/notification, coded	C an..3	R	3 = Changed
C212	ITEM NUMBER IDENTIFICATION	C	R	
7140	Item number	C an..35	R	VALEO article number
7143	Item number type, coded	C an..3	R	IN
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
C829	SUB-LINE INFORMATION	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+89004190:IN				

SG4		NAD-SG6-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
IMD - M		1 - Item description		
Function :		To describe an item in either an industry or free format.		
Segment number :		12		
		EDIFACT	VALEO	Description
7077	Item description type, coded	C an..3	N	
7081	Item characteristic, coded	C an..3	N	
C273	ITEM DESCRIPTION	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	
7008	Item description	C an..35	R	Designation of the item in free form
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+++:::ETIQUETTE 30*45 ARG.METAL				

SG4		NAD-SG6-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
LOC - M	1-	Place/location identification		
Function	:	To identify a country/place/location/related location one/related location two.		
Segment number	:	13		
		EDIFACT	VALEO	Description
3227	Place/location qualifier	M an..3	M	11 = Place of discharge
C517	LOCATION IDENTIFICATION	C	R	
3225	Place/location identification	C an..25	R	VALEO codification of the unloading point
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
3224	Place/location	C an..70	N	
C519	RELATED LOCATION ONE IDENTIFICATION	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		
C553	RELATED LOCATION TWO IDENTIFICATION	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	

Segment Notes.

Example :

LOC+11+Z43

SG4		NAD-SG6-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
LOC - C	1-	Place/Destination point		
Function	:	To identify a country/place/location/related location one/related location two.		
Segment number	:	14		
		EDIFACT	VALEO	Description
3227	Place/location qualifier	M an..3	M	159 = Place of discharge
C517	LOCATION IDENTIFICATION	C	R	
3225	Place/location identification	C an..25	R	VALEO codification of the Additional internal destination point
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
3224	Place/location	C an..70	N	
C519	RELATED LOCATION ONE IDENTIFICATION	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		
C553	RELATED LOCATION TWO IDENTIFICATION	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	

Segment Notes.

Example :

LOC+159+conso1

SG4		NAD-SG6-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
DTM - M		1 - Date/time/period		
Function :		To specify date, and/or time, or period.		
Segment number :		15		
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	257 = Calculation date
2380	Date/time/period	C an..35	R	Date of the schedule
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+257:20060731:102				

SG4	NAD-SG6-SG8			
SG8	LIN-IMD-LOC-DTM-SG10-SG12			
SG10	RFF-DTM			
RFF - M	1 - Reference			
Function	: To specify a reference.			
Segment number :	16			
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ON = Order number
1154	Reference number	C an..35	R	VALEO order number
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example :				
RFF+ON:3003965				

SG4		NAD-SG7-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
SG12		QTY-SCC-DTM-SG13		
QTY - M		1 - Quantity		
Function		: To specify a pertinent quantity.		
Segment number :		17		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	12 = Despatch quantity
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<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+12:30000:PCE				

SG4	NAD-SG7-SG8			
SG8	LIN-PIA-SG10-SG12-SG14			
SG12	QTY-SCC-DTM-SG13			
SG13	RFF-DTM			
RFF - M	1 - Reference			
Function	:	To specify a reference.		
Segment number :	18			
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	AAK = Delivery Note number
1154	Reference number	C an..35	R	Number of the last DN received
1156	Line number	C an..6	N	
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:850430478				

SG4	NAD-SG7-SG8			
SG8	LIN-PIA-SG10-SG12			
SG12	QTY-SCC-DTM-SG13			
SG13	RFF-DTM			
DTM - M 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 19				
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	171 = Reference date
2380	Date/time/period	C an..35	R	Date of the last Despatch Note
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+171:20060719:102				

SG4		NAD-SG7-SG8		
SG8		LIN-IMD-LOC-DTM-SG10-SG12		
SG12		QTY-SCC-DTM-SG13		
QTY - M		1 - Quantity		
Function		: To specify a pertinent quantity.		
Segment number :		20		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	78 = Scheduled cumulative quantity
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
The SG12 with qty_6063=78 will be repeated only once.				
Example :				
QTY+78:3780000:PCE				

SG4	NAD-SG7-SG8			
SG8	LIN-IMD-LOC-DTM-SG10-SG12			
SG12	QTY-SCC-DTM-SG13			
QTY - M	1 - Quantity			
Function	: To specify a pertinent quantity.			
Segment number :	21			
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	70 = Cumulative quantity received
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
The SG12 with qty_6063=70 will be repeated only once.				
Example :				
QTY+70:2880000:PCE				

SG4		NAD-SG7-SG8		
SG8		LIN-PIA-SG10-SG12-SG14		
SG12		QTY-SCC-DTM-SG13		
QTY - M		1 - Quantity		
Function		: To specify a pertinent quantity.		
Segment number :		22		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	83 = Backorder quantity
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
The SG12 segment with qty_6063=83 is optional or will be repeated once or not.				
Example :				
QTY+83:30000:PCE				

SG4		NAD-SG7-SG8		
SG8		LIN-PIA-SG10-SG12-SG14		
SG12-		QTY-SCC-DTM-SG13		
QTY - M		1 - Quantity		
Function :		To specify a pertinent quantity.		
Segment number :		23		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	113 = Delivery quantity
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
The SG12 segment with qty_6063=113 will be repeated as many times as necessary.				
Example :				
QTY+113:30000:PCE				

SG4	NAD-SG7-SG8			
SG8	LIN-IMD-LOC-DTM-SG10-SG12			
SG12	QTY-SCC-DTM-SG13			
SCC - M	200 - Scheduling conditions			
Function	:	To specify scheduling conditions.		
Segment number	:	24		
		EDIFACT	VALEO	Description
4017	Delivery plan status indicator, coded	M an..3	M	1 = Firm 4 = Planning/forecast
4493	Delivery requirements, coded	C an..3	N	
C329	PATTERN DESCRIPTION	C	R	
2013	Frequency, coded	C an..3	R	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 group.				
Example :				
SCC+4++W'				

SG4		NAD-SG7-SG8		
SG8		LIN-PIA-SG10-SG12-SG14		
SG12		QTY-SCC-DTM-SG13		
DTM - M		2 - Date/time/period		
Function :		To specify date, and/or time, or period.		
Segment number :		25_26		
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	64 = Delivery date/time, earliest 63 = Delivery date/time, latest
2380	Date/time/period	C an..35	R	
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+64:20060809:102				
DTM+63:20060809:102				

UNS - M		1 - SECTION CONTROL		
Function :		To separate header, detail, and summary sections of a message.		
Segment number :		27		
		EDIFACT	VALEO	Description
0081	Section identification	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 :		28		
		EDIFACT	VALEO	Description
0074	Number of segments in a message	M n..6	M	The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	M	The message reference number detailed here should 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+129+19043471				

UNZ - M 1 - INTERCHANGE TRAILER				
Function : To end and check the completeness of an interchange				
Segment number : 29				
		ODETTE	VALEO	Description
0036	INTERCHANGE CONTROL COUNT	M n..6	M	
0020	INTERCHANGE CONTROL REFERENCE	M an..14	M	
<u>Segment Notes.</u>				
This segment is used to To start, identify and specify an interchange.				
Example :				
UNZ+1+000000255				

6	EXAMPLE OF DELFOR MESSAGE
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UNB+UNOA:2+19503443331023+19503443331025+060731:1127+000000255++DELFOR	The Sender is 19503443331023, the receiver is 19503443331025. The message was issued the 31 of July 2006 at 11h27. The interchange control reference is 255. The application reference is DELINS.
UNH+19043471+DELFOR:D:96A:UN:A09041	Message header number 19043471
BGM+241+125	Needs expression number 125
DTM+137:20060731:102	Document date is 31st of July 2006
RFF+ADE:0000002530	Supplier account number is 0000002530
NAD+SE+0000002530::92++VLS BLOIS	The seller is identified by the VALEO internal number 0000002530
CTA+IC+001:C. DUPONT	The contact number is 001 and his name is C. DUPONT
NAD+BY+19503443331023::10++VLS ANGERS	The buyer is identified by the Odette code 19503443331023
UNS+D'	Message header detail separator
NAD+CN+19503443331023::10++VALEO VISION ANGERS	The consignee is identified by the Odette code 19503443331023
LIN++3+89004190:IN	The first product in the schedule is identified by the VALEO article number 89004190
IMD+++:::ETIQUETTE 30*45 ARG.METAL	Description of the product
LOC+11+Z43	Unloading point
LOC+159+conso1	Destination point
DTM+257:20060731:102	Date of calculation of the needs
RFF+ON:3003965	Reference to the order number of the article
QTY+12:30000:PCE	Qty sent and received in last DN: 30000 units
RFF+AAK:850430478	Reference number of the last DN: 850430478
DTM+171:20060719:102	Date of the last DN : 19/07/2006.
QTY+78:3780000:PCE	Scheduled cumulative quantity is 3780000 pieces
QTY+70:2880000:PCE	Up to now, 2880000 units have been received at the VALEO plant
QTY+83:30000:PCE	Backorder : 30000 pieces.
QTY+113:30000:PCE	The quantity to be delivered is 30000: units
SCC+4++W	It is a forecast quantity
DTM+64:20060809:102	The delivery date is the 9th of August 2006 at earliest and at latest
DTM+63:20060809:102	(that's to say the required delivery date is the 19th of August)
UNS+S'	
UNT+129+1'	Total of 129 segments in the message
UNZ+1+000000255	End of INTERCHANGE number 255.