EDI IMPLEMENTATION GUIDELINE

GLOBAL EDIFACT
DESADV D07A (VDA 4987)

SOMMAIRE

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1 THE DESADV MESSAGE

1.1 INTRODUCTION

This document provides the definition of a Despatch Advice Message, based on the EDIFACT DESADV D07.A, to use in Electronic Data Interchange (EDI) between a VALEO Operating Company and its Trading Partners.

This documentation allows the implementation of the EDIFACT DESPATCH ADVICE message without the necessity for any additional standard related documentation.

1.2 STATUS

MESSAGE TYPE	: DESADV
REFERENCE DIRECTORY	: D07A
VALEO SUBSET VERSION	

2	MESSAGE STRUCTURE CHART	

2.1 DESADV MESSAGE STRUCTURE

Delivery Schedule Heading Section				
UNA	1	C	1	SERVICE STRING ADVICE UNA :+. ?’
UNB	2	M	1	INTERCHANGE HEADER UNB+UNOA:3+SENDER ADDRESS+RECEIVER ADDRESS+Date:Hour+INTERCHANGE 1’
UNH	3	M	1	MESSAGE HEADER UNH+1+DESADV:D:96A:UN:A01053
BGM	4	M	1	Beginning of message BGM+351+00245828'
DTM	5	R	1	Document/message date/Time DTM+137:201906151000:203'
DTM	6	C	1	Arrival Date/time/estimated DTM+132:201906151600:203'
DTM	7	C	1	Despatch Date and time DTM+11:201906151000:203'
MEA	8	R	1	Total Gross Weight MEA+AAX+AAD+KGM:456424'
SG1		C	1	RFF
RFF	9	M	1	Custom’s identification number RFF+ABT:123456'
SG1		C	1	RFF
RFF	10	M	1	Reference Pick up Order (PUO) RFF+CRN:67460487'
SG2		R	1	NAD
NAD	11	M	1	Consignor Name and address NAD+CZ+0931353513611::10++CONSIGNOR NAME'
SG2		R	1	NAD-SG3
NAD	12	M	1	Seller Name and address NAD+SE+0931353513611::10++SELLER NAME'
SG3		R	1	RFF
RFF	13	M	1	Account Number Reference RFF+ADE:58292'
SG2		C	1	NAD-SG3
NAD	14	M	1	Carrier Name and address NAD+CA+0931353514199::10++CARRIER NAME'
SG3		C	1	RFF
RFF	15	M	1	Account Number Reference RFF+ADE:10115'
SG2		R	1	NAD- LOC
NAD	16	M	1	Consignee Name and address NAD+CN+0931955500299::10++VALEO PLANT NAME'
LOC	17	R	1	Place/Port of discharge LOC+11+Place of Discharge'
SG5		R	1	TOD
TOD	18	M	1	Terms of delivery TOD+5++EXW'

SG6		C	1	TDT
TDT	19	M	1	Transport details TDT+12++ROU+++++::::FR'
SG8		C	1	EQD
EQD	20	M	1	Equipment details EQD+M+9999 TR 99'
Despatch Advice Detail Section				
				CPS-SG11
SG10		R	9999	CPS-SG11-SG17
CPS	21	M	1	Consignment packing sequence CPS+1++3'
SG11		R	9999	PAC-MEA-QTY-SG12-SG13
PAC	22	M	1	Package PAC+2++UM BLEU::92’
SG13		R	1000	PCI-RFF-DTM-SG14-SG15-SG16
PCI	23	M	1	Package identification PCI+17'
SG15		R	99	GIN-DTM
GIN	24	M	1	Related identification number GIN+ML+000013943+000013944
SG10		R	9999	CPS-SG11-SG17
CPS	25	M	1	Consignment packing sequence CPS+2++1'
SG11		R	9999	PAC-MEA-QTY-SG12-SG13
PAC	26	M	1	Package PAC+4++CARTON BLEU::92’
MEA	27	C	1	Measurements MEA+AAX+AAD+KGM:3500'
QTY	28	R	1	Quantity per pack QTY+52:1020:PCE’
SG13		R	1000	PCI-RFF-DTM-SG14-SG15-SG16
PCI	29	M	1	Package identification PCI+17'
RFF	30	R	1	Reference RFF+AAT:000013943’
SG14		R	99	GIR-DTM
GIR	31	M	1	Related identification number GIR+3+490345661:ML++674550:BX
SG17		R	9999	LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-SG18
LIN	32	M	1	Line item LIN+1++2547879:IN'
PIA	33	C	1	Additional product id PIA+1+11164901:SA+P04 :DR'
IMD	34	C	1	Item description IMD+++:::CAPSULE DE ROULEMENT'
QTY	35	R	1	Despatch Quantity QTY+12:4080:PCE
ALI	36	C	1	Additional Information ALI+FR’
SG18		R	1	RFF-NAD-CTA-DTM
RFF	37	M	1	Reference RFF+ON:0000009301'
DTM	38	C	1	Date/time/period DTM+4:20040420:102'

UNT	39	M	1	MESSAGE TRAILER UNT+35+1'
UNZ	40	M	1	INTERCHANGE TRAILER UNZ+1+INTERCHANGE 1’

3 SEGMENTS DESCRIPTION

3.1 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 - R 1 - Date/time/period
This segment is used to specify the Date/time/period related to the whole message.

DTM - C 1 - Date/time/period
This segment is used to specify the Date/time/period related to the whole message.

DTM - C 1 - Date/time/period
This segment is used to specify the Date/time/period related to the whole message.

MEA - R 1 - Measurements
A segment specifying the weight and volume of the consignment.

SG1 - C 1 - RFF-DTM
A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

RFF - M 1 - Reference
A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license

SG1 - C 1 - RFF-DTM
A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

RFF - M 1 - Reference
A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license

SG2 - R 1 - NAD-LOC-SG3
A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

NAD - M 1 - 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.

SG2 - R 1 - NAD-LOC-**SG3**
A group of segments identifying names, addresses and contacts relevant to the whole ASN.

NAD - M 1 - 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.

SG3 - R 1 - RFF-DTM
A group of segments giving references relevant only to the specified party rather than the whole message.

RFF - M 1 - Reference
A segment for referencing documents relating to the party specified by the NAD segment.

SG2 - C 1 - NAD-LOC-**SG3**
A group of segments identifying names, addresses and contacts relevant to the whole ASN.

NAD - M 1 - Name and address
This segment is used to identify the trading parties involved in the ASN process. Identification of the buyer and supplier of goods and services is mandatory in the ASN

SG3 - C 1 - RFF-DTM
A group of segments giving references relevant only to the specified party rather than the whole message.

RFF - M 1 - Reference
This segment is used to identify additional references relevant to the whole ASN.

SG2 - R 1 - NAD-LOC-SG3
A group of segments identifying names, addresses and contacts relevant to the whole ASN.

NAD - M 1 - Name and address
This segment is used to identify the trading parties involved in the ASN process. Identification of the buyer and supplier of goods and services is mandatory in the ASN

LOC - R 1 - 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.

SG5 - R 1 - TOD
A group of segments indicating terms of delivery..

TOD - M 1 - Terms of delivery or transport
A segment indicating the terms of delivery and transfer for the whole dispatch advice.

SG6 - C 1 - TDT
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.

TDT - M 1 – Transport details
A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

SG8 - C 1 - EQD
A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

EQD - M 1 - 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.

Despatch Advice Detail Section

SG10 - R 9999 - CPS-FTX-QVR-**SG11-SG17**
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.
A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

SG11 - R 9999 - 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.

PAC - M 1 - Package
A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods

SG13 - R 1000 - PCI-RFF-DTM-SG14-**SG15**
A group of segments specifying markings, labels, and packing numbers.

PCI - M 1 - Package identification
A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

SG15- R 99 - GIN-DLM
A group of segments giving package identification numbers and, where relevant, delivery limitation information.

GIN - M1 – Goods identifiy number
A segment providing the identiy numbers of goods, e.g. hold until final approval supplier.

CPS - M 1 - Consignment packing sequence
A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

SG11 - R 9999 - 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.

PAC - M 1 - Package
A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

MEA - C 1 – Measurements
A segment specifying physical measurements of the packages/physical units described in the PAC segment.

QTY - R 1 - Quantity
A segment to specify the quantity per package described in the PAC segment.

SG13 - R 1000 - PCI-RFF-GIR-SG14
A group of segments specifying markings, labels, and packing numbers.

PCI - M 1 - Package identification
A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

RFF - R 1 - Reference
A segment for referencing the package identification e.g. master label number.

SG14 - R 99 – GIR-DTM
A group of segments to give specific package related identification and dates.

GIR - R 1 – Related identification number
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.

SG17 - R 9999 - LIN-PIA-IMD-MEA**-QTY-ALI-**GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC**-SG18**
A group of segments providing details of the individual despatched items.

LIN - M 1 - 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.

PIA - C 1 - Additional product id
A segment providing additional product identification.

IMD - C 1 - 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.

QTY - R 1 - Quantity
A segment to give quantity information concerning the product.

ALI - C 1 – Additional Information
A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

SG18 - R 1 - RFF-NAD-CTA**-DTM**
A group of segments to give reference numbers and dates.

RFF - M 1 - Reference
A segment identifying documents related to the line item.

DTM - C 1 - Date/time/period
A segment for date/time/period relative to the referred document.

UNT - M 1 - 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.

4 SEGMENTS LAYOUT

4.1 SEGMENTS LAYOUT

This section describes each segment used in the VALEO Despatch advice 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**)**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 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.

UNH - M 1	**MESSAGE HEADER**			
Function : To head, identify and specify a message. Segment number : 1				
		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**	DESADV
0052	**Message type version number**	M an..3	**M**	D = Draft directory
0054	**Message type release number**	M an..3	**M**	07A = Version 07A
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	N	
0110	Code list directory version number	C an..6	N	
0113	Message type sub-function identification	C an..6	N	
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		
S016	MESSAGE SUBSET IDENTIFICATION	C	N	
0115	Message subset identification	M an..14		
0116	Message subset version number	C an..3		
0118	Message subset release number	C an..3		
0051	Controlling agency, coded	C an..3		
S017	MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	C	N	
0121	Message implementation guideline identification	M an..14		
0122	Message implementation guideline version number	C an..3		
0124	Message implementation guideline release number	C an..3		
0051	Controlling agency, coded	C an..3		

S018	SCENARIO IDENTIFICATION	C	N	
0127	Scenario identification	M an..14		
0128	Scenario version number	C an..3		
0130	Scenarion release number	C an..3		
0051	Controlling agency, coded	C an..3		

Segment Notes.

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 Despatch Advice message based on the D.96A directory under the control of the United Nations.

Example :

UNH+1+DESADV:D:07A:UN'

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
C002	**DOCUMENT/MESSAGE NAME**	C	**R**	
1001	**Document/message name, coded**	C an..3	**R**	351 = Despatch Advice
1131	Code list qualifier	C an..17	N	
3055	Code list responsible agency, coded	C an..3	N	
1000	Document/message name	C an..35	N	
C106	**DOCUMENT/MESSAGE IDENTIFICATION**	C	**R**	
1004	**Document identifier**	C an..35	**R**	Despatch advice number assigned by supplier
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	
1225	Message function, coded	C an..3	N	
4343	Response type, coded	C an..3	N	
Segment Notes. Example: BGM+351+0281003230'				

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

Function : To specify document issue date, and/or time, or period.

Segment number : 3

		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**	203 = CCYYMMDDHHMM

Segment Notes.

Example :

DTM+137:20201201010000:203'

DTM - C 1	**Date/time/period**			
Function : To specify transport means arrival date, estimated Segment number : 4				
		EDIFACT	VALEO	Description
C507	**DATE/TIME/PERIOD**	M	**M**	
2005	**Date/time/period qualifier**	M an..3	**M**	132 = Arrival date/time, estimated
2380	**Date/time/period**	C an..35	**R**	
2379	**Date/time/period format qualifier**	C an..3	**R**	203 = CCYYMMDDHHMM

Segment Notes.

Example :

DTM+132:201906151600:203'

DTM - C 1 Date/time/period

Function : To specify Despatch date, and/or time.

Segment number : 5

		EDIFACT	VALEO	Description
C507	**DATE/TIME/PERIOD**	M	**M**	
2005	**Date/time/period qualifier**	M an..3	**M**	11 = Despatch date and or time
2380	**Date/time/period**	C an..35	**R**	
2379	**Date/time/period format qualifier**	C an..3	**R**	203 = CCYYMMDDHHMM

Segment Notes.

Example :

DTM+11:201906151000:203'

MEA - R 1 Measurements

Function : To specify physical measurements, including dimension tolerances, weights and counts.

Segment number : 6

		EDIFACT	VALEO	Description
6311	**Measurement purpose code qualifier**	M an..3	**M**	AAX = Consignment measurement
C502	**MEASUREMENT DETAILS**	C	**R**	
6313	**Measured attribute code**	C an..3	**R**	AAD = Total gross weight
6321	Measurement significance code	C an..3	N	
6155	Non-discrete measurement name code	C an..17	N	
6154	Non-discrete measurement name	C an..70	N	
C174	**VALUE / RANGE**	C	**R**	
6411	**Measure unit code**	M an..8	**M**	
6314	**Measure**	C an..18	**R**	Gross Weight
6162	Range minimum quantity	C n..18	N	
6152	Range maximum quantity	C n..18	N	
6432	Significant digits quantity	C n..2	N	
7383	Surface or layer code	C an..3	N	

Segment Notes.

Example :

MEA+AAX+AAD+KGM:456424'

SG1 - C 1	**RFF-**DTM			
RFF - M 1	**Reference**			
Function : To specify a reference. Segment number : 7				
		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	**M**	
1153	**Reference code qualifier**	M an..3	**M**	ABT : Customs declaration number
1154	**Reference identifier**	C an..70	**R**	
1156	Document line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	
Segment Notes. Example : RFF+ABT:123456'				

SG1 - C 1	**RFF-**DTM			
RFF - M 1	**Reference**			

Function : To specify a reference.

Segment number : 8

		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	**M**	
1153	**Reference code qualifier**	M an..3	**M**	CRN : reference number
1154	**Reference identifier**	C an..70	**R**	VALEO Pick Up Order (PUO)
1156	Document line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	

Segment Notes.

PUO is sent in the DELJIT EDI message.

Example :

RFF+CRN:67460487'

SG2 - R 1	**NAD**-LOC-SG3			
NAD - M 1	**Name and address**			
Function : To specify the name/address and their related function Segment number : 9				
		EDIFACT	VALEO	Description
3035	**Party function code qualifier**	M an..3	**M**	CZ = Consignor
C082	**PARTY IDENTIFICATION DETAILS**	C	**R**	
3039	**Party identifier**	M an..35	**M**	Odette code of the consignor
1131	Code list idenfification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	10= Odette code
C058	NAME AND ADDRESS	C	N	
3124	Name and address description	M an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
C080	**PARTY NAME**	C	**R**	
3036	**Party name**	M an..35	**M**	Consignor 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 code	C an..3	N	
C059	STREET	C	N	
3042	Street and number or post office box identifier	M an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3164	City name	C an..35	N	
C819	COUNTRY SUBDIVISION DETAILS	C	N	
3229	Country subdivision identifier	C an..9		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3228	Country subdivision name	C an..70		

3251	Postal identification code	C an..17	N	
3207	Country identifier	C an..3	N	

Segment Notes.

Example :

NAD+CZ+0931353513611::10++CONSIGNOR NAME'

SG2 - R 1	**NAD**-LOC-SG3			
NAD - M 1	**Name and address**			
Function : To specify the name/address and their related function Segment number : 10				
		EDIFACT	VALEO	Description
3035	**Party function code qualifier**	M an..3	**M**	SE = Seller
C082	**PARTY IDENTIFICATION DETAILS**	C	**R**	
3039	**Party identifier**	M an..35	**M**	Odette code of the seller
1131	Code list idenfification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	10 = Odette
C058	NAME AND ADDRESS	C	N	
3124	Name and address description	M an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
C080	**PARTY NAME**	C	**R**	
3036	**Party name**	M an..35	**M**	Seller trading 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 code	C an..3	N	
C059	STREET	C	N	
3042	Street and number or post office box identifier	M an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3164	City name	C an..35	N	
C819	COUNTRY SUBDIVISION DETAILS	C	N	
3229	Country subdivision identifier	C an..9		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3228	Country subdivision name	C an..70		

3251	Postal identification code	C an..17	N	
3207	Country identifier	C an..3	N	

Segment Notes.

Example :

NAD+SE+0931353513611::10++SELLER NAME'

SG2 - R 1	NAD-LOC-**SG3**
SG3 - R 1	**RFF-**DTM
RFF - M 1	**Reference**

Function : To specify a reference.

Segment number : 11

		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	**M**	
1153	**Reference code qualifier**	M an..3	**M**	ADE= Account n°
1154	**Reference identifier**	C an..70	**R**	VALEO internal number of the seller
1156	Document Line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	

Segment Notes.

Example :

RFF+ADE:0000058292'

SG2 - C 1	**NAD**-LOC-SG3			
NAD - M 1	**Name and address**			
Function : To specify the name/address and their related function Segment number : 12				
		EDIFACT	VALEO	Description
3035	**Party function code qualifier**	M an..3	**M**	CA = Carrier
C082	**PARTY IDENTIFICATION DETAILS**	C	**R**	
3039	**Party identifier**	M an..35	**M**	Odette code of the carrier
1131	Code list idenfification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	10= Odette code
C058	NAME AND ADDRESS	C	N	
3124	Name and address description	M an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
C080	**PARTY NAME**	C	**R**	
3036	**Party name**	M an..35	**M**	Consignor 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 code	C an..3	N	
C059	STREET	C	N	
3042	Street and number or post office box identifier	M an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3164	City name	C an..35	N	
C819	COUNTRY SUBDIVISION DETAILS	C	N	
3229	Country subdivision identifier	C an..9		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3228	Country subdivision name	C an..70		

3251	Postal identification code	C an..17	N	
3207	Country identifier	C an..3	N	

Segment Notes.

This SG2 group with NAD_3035 = CA is optional.

Example :

NAD+CA+0931353514199::10++CARRIER NAME'

SG2 - C 1		NAD-LOC-**RFF**		
SG3 – C 1		**RFF**-DTM		
RFF - M 1		**Reference**		
Function : To specify a reference. Segment number : 13				
		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	M	
1153	**Reference code qualifier**	M an..3	M	ADE = Account number
1154	**Reference identifier**	C an..70	R	VALEO internal n° of the carrier
1156	Document line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	

Segment Notes.

This SG2 group with NAD_3035 = CA is optional.

Example :

RFF+ADE:0000010115'

SG2 - R 1	**NAD**-LOC-SG3			
NAD - M 1	**Name and address**			
Function : To specify the name/address and their related function Segment number : 14				
		EDIFACT	VALEO	Description
3035	**Party function code qualifier**	M an..3	**M**	CN = Consignee
C082	**PARTY IDENTIFICATION DETAILS**	C	**R**	
3039	**Party identifier**	M an..35	**M**	Odette code of the carrier
1131	Code list idenfification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	10= Odette code
C058	NAME AND ADDRESS	C	N	
3124	Name and address description	M an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
3124	Name and address description	C an..35		
C080	**PARTY NAME**	C	**R**	
3036	**Party name**	M an..35	**M**	Name of VALEO 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 code	C an..3	N	
C059	STREET	C	N	
3042	Street and number or post office box identifier	M an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3042	Street and number or post office box identifier	C an..35		
3164	City name	C an..35	N	
C819	COUNTRY SUBDIVISION DETAILS	C		
3229	Country subdivision identifier	C an..9		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3228	Country subdivision name	C an..70		

3251	Postal identification code	C an..17	N	
3207	Country identifier	C an..3	N	

Segment Notes.

Example :

NAD+CN+0931955500299::10++VALEO PLANT NAME'

SG2 – R 1	NAD-**LOC**-SG3			
LOC - R 1	**Place/location identification**			
Function : To identify a place or a location and/or related locations. Segment number : 15				
		EDIFACT	VALEO	Description
3227	**Location function code qualifier**	M an..3	**M**	11 = Place of discharge
C517	**LOCATION IDENTIFICATION**	C	**R**	
3225	**Location identifier**	C an..35	**R**	VALEO codification of place of discharge
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
3224	Location name	C an..256	N	
C519	RELATED LOCATION ONE IDENTIFICATION	C	N	
3223	First related location identifier	C an..35		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3222	First related location name	C an..70		
C553	RELATED LOCATION TWO IDENTIFICATION	C	N	
3233	Second related location identifier	C an..35		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3232	Second related location name	C an..70		
5479	Relation code	C an..3	N	

Segment Notes.

Example :

LOC+11+Place of Discharge'

SG5 - R 1	**TOD**			
TOD - M 1	**Terms of delivery**			
Function : To specify terms of delivery or transport. Segment number : 16				
		EDIFACT	VALEO	Description
4055	**Delivey or transport terms function code**	C an..3	**R**	
4215	Transport charges payment method code	C an..3	N	
C100	**TERMS OF DELIVERY OR TRANSPORT**	C	**R**	
4053	**Delivery or transport terms description code**	C an..3	**R**	
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
4052	Delivery or transport terms description	C an..70	N	
4052	Delivery or transport terms description	C an..70	N	
Segment Notes. Example : TOD+5++EXW'				

SG6 - C 1	**TDT**			
TDT - M 1	**Transport information**			
Function : To specify information regarding the transport such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. Segment number : 17				
		EDIFACT	VALEO	Description
8051	**Transport stage code qualifier**	M an..3	**M**	
8028	Means of transport journey identifier	C an..17	N	
C220	**MODE OF TRANSPORT**	C	**R**	
8067	**Transport mode name code**	C an..3	**R**	
8066	Transport mode name	C an..17	N	
C001	TRANSPORT MEANS	C	N	
8179	Transport means description code	C an..8		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
8178	Transport means description	C an..17		
C040	CARRIER	C	C	
3127	Carrier identification	C an..17	C	
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
3126	Carrier name	C an..35		
8101	Transit direction indicator code	C an..3	N	
C401	EXCESS TRANSPORTATION INFORMATION	C	N	
8457	Excess transportation reason code	M an..3		
8459	Excess transportation responsibility code	M an..3		
7130	Customer shipment identifier	C an..17		
C222	**TRANSPORT IDENTIFICATION**	C	**R**	
8213	Transport means identification identifier	C an..17	N	
1131	Code list identification code	C an..35	N	
3055	Code list responsible agency code	C an..3	N	
8212	Transport means identification name	C an..70	N	
8453	**Transport means nationality code**	C an..3	**R**	
8281	Transport means ownership indicator code	C an..3	N	

Segment Notes.

The SG6 group is optional.

Example :

TDT+12++ROU+++++::::FR'

SG8 - C 1	**EQD**			
EQD - M 1	**Equipment details**			
Function : To identify a unit of equipment Segment number : 18				
		EDIFACT	VALEO	Description
8053	**Equipment type code qualifier**	M an..3	**M**	
C237	**EQUIPMENT IDENTIFICATION**	C	**R**	
8260	**Equipment identifier**	C an..17	**R**	
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
3207	Country identifier	C an..3	N	
C224	EQUIPMENT SIZE AND TYPE	C	N	
8155	Equipment size and type description code	C an..10		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
8154	Equipment size and type description	C an..35		
8077	Equipment supplier code	C an..3	N	
8249	Equipment status code	C an..3	N	
8169	Full or Empty indicator code	C an..3	N	
4233	Marking instructions code	C an..3	N	

Segment Notes.

The SG8 group is optional.

Value for 8053 are :
6 Aircraft
11 Ship
15 Taxi
16 Barge
17 Customer determined
18 Seller determined
30 Boxes
31 Truck
0001 Truck
0002 Container

0003 Ship
0005 Pallet
01 Truck-Sub Supplier
02 Truck customer
03 Truck consolidator
04 Truck rail/drop-body
05 Truck supplier
06 Rail freight
07 Rail express
08 Rail wagon
09 Mail
10 Air freight
11 Sea freight
17 Customer determined
18 Seller determined
20 private parcel
31 Truck
A Air Freight ----------→ preferred value
M Motor (Trailer Load) ----------→ preferred value
O Containerized Ocean----------→ preferred value

Example :

EQD+M+9999 TR 99'

SG10 - R 9999	**CPS-**FTX-QVR-SG11-SG17			
CPS - M 1	**Consignment packing sequence**			
Function : To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers. Segment number : 19				
		EDIFACT	VALEO	Description
7164	**Hierarchical structure level identifier**	M an..35	**M**	Sequential numbering recommended
7166	Hierarchical structure parent identifier	C an..35	N	
7075	**Packaging level code**	C an..3	**R**	3 = Outer

Segment Notes.

This segment is used as a trigger for the next segments (PAC, …)
One single CPS (3) loop per THU(Transport handling Unit) /Pallet
In the case of Simplified HU, Handling Unit number = Package number , see example 2 – Example with SU (Simplified Unit)

Example :

CPS+1++3'

SG10 - R 9999	CPS-FTX-QVR-**SG11**-SG17
SG11 - R 9999	**PAC-**MEA-QTY-SG12-SG13
PAC - M 1	**Package**

Function : To describe the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

Segment number : 20

		EDIFACT	VALEO	Description
7224	**Package quantity**	C n..8	**R**	
C531	PACKAGING DETAILS	C	N	
7075	Packaging level code	C an..3		
7233	Packaging related description code	C an..3		
7073	Packaging terms and conditions code	C an..3		
C202	**PACKAGE TYPE**	C	**R**	
7065	**Package type description code**	C an..17	**R**	Type of package, VALEO code
1131	Code list identification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	92
7064	Type of packages	C an..35	N	
C402	PACKAGE TYPE IDENTIFICATION	C	N	
7077	Description format code	M an..3		
7064	Type of packages	M an..35		
7143	Item type identification code	C an..3		
7064	Type of packages	C an..35		
7143	Item type identification code	C an..3		
C532	RETURNABLE PACKAGE DETAILS	C	N	
8395	Returnable package freight payment responsibility code	C an..3		
8393	Returnable package load contents code	C an..3		

Segment Notes :

This segment can be used to identify the outer layer THU(Transport Handling Unit) property type within the CPS segment/loop, in a shipment. The contents of each package is subsequently described in the following LIN segment.

Example :

PAC+1++UM BLEU::92'

SG10 - R 9999	CPS-FTX-QVR-**SG11**-SG17
SG11 - R 9999	PAC-MEA-QTY-SG12-**SG13**
SG13 - R 1000	**PCI-**RFF-DTM-SG14-SG15-SG16
PCI - M 1	**Package identification**

Function : To specify markings and labels on individual packages or physical units.

Segment number : 21

		EDIFACT	VALEO	Description
4233	**Marking instructions code**	C an..3	**R**	17 = Seller's instructions
C210	MARKS & LABELS	C	N	
7102	Shipping marks description	M an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
8169	Ful or empty indicator code	C an..3	N	
C827	TYPE OF MARKING	C	C	
7511	Marking type code	M an..3		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		

Segment Notes.

Example :

PCI+17'

SG10 - R 9999	CPS-FTX-QVR-**SG11**-SG17			
SG11 - R 9999	PAC-MEA-QTY-SG12-**SG13**			
SG13 – R 1000	PCI-RFF-DTM-SG14-**SG15**-SG16			
SG15 – R 99	**GIN**			
GIN - M 1	**Goods Identity Number**			
Function : To specify the identification numbers, either as single numbers or ranges Segment number : 22				
		EDIFACT	VALEO	Description
7405	**Object identification code qualifier**	M an..3	**M**	ML : Marking/Label Number
C208	**IDENTITY NUMBER RANGE**	M	**M**	
7402	**Object identifier**	M an..35	**M**	Transport Label Number
7402	Object identifier	C an..35	N	
C208	IDENTITY NUMBER RANGE	M	N	
7402	Object identifier	M an..35		
7402	Object identifier	C an..35		
C208	IDENTITY NUMBER RANGE	M	N	
7402	Object identifier	M an..35		
7402	Object identifier	C an..35		
C208	IDENTITY NUMBER RANGE	M	N	
7402	Object identifier	M an..35		
7402	Object identifier	C an..35		
C208	IDENTITY NUMBER RANGE	M	N	
7402	Object identifier	M an..35		
7402	Object identifier	C an..35		

<u>Segment Notes.</u>

<u>Example</u> :

GIN+ML+000013943'

SG10 - R 9999	**CPS-**FTX-QVR-SG11-SG17			
CPS - M 1	**Consignment packing sequence**			
Function : To identify the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet. Segment number : 23				
		EDIFACT	VALEO	Description
7164	**Hierarchical structure level identifier**	M an..35	**M**	Sequential numbering recommended
7166	Hierarchical structure parent identifier	C an..35	N	
7075	**Packaging level code**	C an..3	**R**	1 = Inner

Segment Notes.

This segment is used as a trigger for the next segments (PAC,LIN…)

Example :

CPS+2++1'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17			
SG11 - R 9999	**PAC-**MEA-QTY-SG12-SG13			
PAC - M 1	**Package**			
Function : To describe the number and type of the packages/physical units. Segment number : 24				
		EDIFACT	VALEO	Description
7224	**Package quantity**	C n..8	**R**	
C531	PACKAGING DETAILS	C	N	
7075	Packaging level code	C an..3		
7233	Packaging related description code	C an..3		
7073	Packaging terms and conditions code	C an..3		
C202	**PACKAGE TYPE**	C	**R**	
7065	**Package type description code**	C an..17	**R**	Type of package, VALEO code
1131	Code list identification code	C an..17	N	
3055	**Code list responsible agency code**	C an..3	**R**	92
7064	Type of packages	C an..35	N	
C402	PACKAGE TYPE IDENTIFICATION	C	N	
7077	Description format code	M an..3		
7064	Type of packages	M an..35		
7143	Item type identification code	C an..3		
7064	Type of packages	C an..35		
7143	Item type identification code	C an..3		
C532	RETURNABLE PACKAGE DETAILS	C	N	
8395	Returnable package freight payment responsibility code	C an..3		
8393	Returnable package load contents code	C an..3		

Segment Notes :

This segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment, in a shipment. The contents of each package is subsequently described in the following LIN segment.

Example :

PAC+2++CARTON::92'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17
SG11 - R 9999	PAC-**MEA-**QTY-SG12-SG13
MEA - C 1	**Measurements**

Function : To specify physical measurements of the packages/physical units described in the PAC segment.

Segment number : 25

		EDIFACT	VALEO	Description
6311	**Measurement purpose code qualifier**	M an..3	**M**	AAX = Consignment measurement
C502	**MEASUREMENT DETAILS**	C	**R**	
6313	**Measured attribute code**	C an..3	**R**	AAD = Total gross weight
6321	Measurement significance code	C an..3	N	
6155	Non-discrete measurement name code	C an..17	N	
6154	Non-discrete measurement name	C an..70	N	
C174	**VALUE / RANGE**	C	**R**	
6411	**Measurement unit code**	M an..8	**M**	
6314	**Measure**	C n18	**R**	
6162	Range minimum quantity	C n18	N	
6152	Range maximum quantity	C n18	N	
6432	Significant digits quantity	C n2	N	
7383	Surface or Layer code	C an..3	N	

Segment Notes.

Example :

MEA+AAX+AAD+KGM:456424'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17
SG11 - R 9999	PAC-MEA-**QTY-**SG12-SG13
QTY- R 1	**Quantity**

Function : To specify the quantity per package described in the PAC segment

Segment number : 26

		EDIFACT	VALEO	Description
C186	**QUANTITY DETAILS**	M	**M**	
6063	**Quantity type code qualifier**	M an..3	**M**	52 = Quantity per pack
6060	**Quantity**	M n..35	**M**	
6411	**Measurement unit code**	C an..8	**R**	

Segment Notes.

This segment is used to specify the quantity per package specified in the PAC segment.

Example :

QTY+52:1020:PCE'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17
SG11 - R 9999	PAC-MEA-QTY-SG12-**SG13**
SG13 - R 1000	**PCI-**RFF-DTM-SG14-SG15-SG16
PCI - M 1	**Package identification**

Function : To specify markings and/or labels used on individual physical units (packages) described in the PAC segment.

Segment number : 27

		EDIFACT	VALEO	Description
4233	**Marking instructions code**	C an..3	**R**	17 = Seller's instructions
C210	MARKS & LABELS	C	N	
7102	Shipping marks description	M an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks description	C an..35		
7102	Shipping marks descrtiption	C an..35		
8169	Full or empty indicator code	C an..3	N	
C827	TYPE OF MARKING	C	C	
7511	Marking type code	M an..3		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		

Segment Notes.

Example :

PCI+17'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17
SG11 - R 9999	PAC-MEA-QTY-SG12**-SG13**
SG13 - R 1000	PCI-**RFF-**DTM-SG14-SG15-SG16
RFF - R 1	**Reference**

Function : To refer to the package identification e.g. master label number.

Segment number : 28

		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	**M**	
1153	**Reference code qualifier**	M an..3	**M**	AAT = Master label number
1154	**Reference identifier**	C an..70	**R**	
1156	Document line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	

Segment Notes.

This segment is used to give the identification of the Handling Unit

Example :

RFF+AAT:000013943'

SG10 - R 9999	CPS-FTX-QVR-**SG11-**SG17
SG11 - R 9999	PAC-MEA-QTY-**SG13**
SG13 - R 1000	PCI-RFF-GIR-**SG14**
SG14 - R 99	**GIR**-DTM
GIR – M 1	**Related Identification numbers**

Function : To specify a set of related identification numbers

Segment number : 29

		EDIFACT	VALEO	Description
7297	**Set type code qualifier**	M an..3	**M**	3 = Package
C206	**IDENTIFICATION NUMBER**	M	**M**	
7402	**Object identifier**	M an..35	**M**	P.U identification number
7405	**Object identification code qualifier**	C an..3	**R**	ML = Marking/label number
4405	Status description code	C an..3	N	
C206	IDENTIFICATION NUMBER	C	N	
7402	Object identifier	M an..35		
7405	Object identification code qualifier	C an..3		
4405	Status descritption code	C an..3		
C206	**IDENTIFICATION NUMBER**	C	C	
7402	**Object identifier**	M an..35	**M**	Batch Number
7405	**Object identification code qualifier**	C an..3	**R**	BX
4405	Status descritption code	C an..3		
C206	IDENTIFICATION NUMBER	C	N	
7402	Identity number	M an..35		
7405	Identity number	C an..3		
4405	Status, coded	C an..3		

Segment Notes.

Example :

GIR+3+490345661:ML++674550:BX'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	**LIN-**PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-**NAD**-TDT-TMD-HAN-FTX-MOA-PAC-SG18-SG19-SG20-SG21-SG22-SG25
LIN - M 1	**Line item**

Function : To identify the product being despatched

Segment number : 30

		EDIFACT	VALEO	Description
1082	**Line item identifier**	C n..6	**R**	
1229	Action code	C an..3	N	
C212	**ITEM NUMBER IDENTIFICATION**	C	**R**	
7140	**Item identifier**	C an..35	**R**	VALEO article number
7143	**Item type identification code**	C an..3	**R**	IN
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
C829	SUB-LINE INFORMATION	C	N	
5495	Sub-line indicator code	C an..3		
1082	Line item identifier	C n..6		
1222	Configuration level number	C n..2	N	
7083	Configuration operation code	C an..3	N	

Segment Notes.

Example :

LIN+1++2547879:IN'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	LIN-**PIA**-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-SG18-SG19-SG20-SG21-SG22-SG25
PIA - C 1	**Additional product id**

Function : To provide additional product identification

Segment number : 31

		EDIFACT	VALEO	Description
4347	**Product identifier code qualifier**	M an..3	**M**	1 = Additional identification
C212	**ITEM NUMBER IDENTIFICATION**	M	**M**	
7140	**Item identifier**	C an..35	**R**	Article n° of the supplier
7143	**Item type identification code**	C an..3	**R**	SA = Supplier's article number
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
C212	**ITEM NUMBER IDENTIFICATION**	C	C	
7140	**Item identifier**	C an..35	**R**	Drawing Revision Number
7143	**Item type identification code**	C an..3	**R**	DR : Drawing Revision
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
C212	ITEM NUMBER IDENTIFICATION	C	N	
7140	Item identifier	C an..35		
7143	Item type identification code	C an..3		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
C212	ITEM NUMBER IDENTIFICATION	C	N	
7140	Item identifier	C an..35		
7143	Item type identification code	C an..3		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		

Segment Notes.

Example:

PIA+1+11164901:SA+P04:DR'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	LIN-PIA-**IMD**-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-SG18-SG19-SG20-SG21-SG22-SG25

IMD - C 1 **Item description**

Function : To describe an item in either an industry or free format.

Segment number : 32

		EDIFACT	VALEO	Description
7077	Description format code	C an..3	N	
C272	ITEM CHARACTERISTIC	C	N	
7081	Item characteristic code	C an..3		
1131	Code list identification code	C an..17		
3055	Code list responsible agency code	C an..3		
C273	**ITEM DESCRIPTION**	C	**R**	
7009	Item description code	C an..17	N	
1131	Code list identification code	C an..17	N	
3055	Code list responsible agency code	C an..3	N	
7008	**Item description**	C an..256	**R**	
7008	Item description	C an..256	N	
3453	Language name code	C an..3	N	
7383	Surface or layer code	C an..3	N	

Segment Notes.

Example :

IMD+++:::CAPSULE DE ROULEMENT'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	LIN-PIA-IMD-MEA-**QTY**-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-SG18-SG19-SG20-SG21-SG22-SG25
QTY - R 1	**Quantity**

Function : To specify a pertinent quantity.

Segment number : 33

		EDIFACT	VALEO	Description
C186	**QUANTITY DETAILS**	M	**M**	
6063	**Quantity type code qualifier**	M an..3	**M**	12 = Despatch quantity
6060	**Quantity**	M n..35	**M**	
6411	**Measurement unit code**	C an..8	**R**	

Segment Notes.

Example :

QTY+12:70:PCE'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	LIN-PIA-IMD-MEA-QTY-**ALI**-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-SG18-SG19-SG20-SG21-SG22-SG25
ALI - C 1	**Additional Information**

Function : To indicate that special conditions due to the origin, customs preference fiscal or commercial factors are applicable

Segment number : 34

		EDIFACT	VALEO	Description
3239	**Country of Origin identifier**	C an..3	**R**	
9213	Duty regime type code	C an..3	N	
4183	Special conditionsCode	C an..3	N	
4183	Special conditions Code	C an..3	N	
4183	Special conditions Code	C an..3	N	
4183	Special conditions Code	C an..3	N	
4183	Special conditions Code	C an..3	N	

Segment Notes.

Example :

ALI+FR'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 – R 9999	LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-**SG18**-SG19-SG20-SG21-SG22-SG25
SG18 – R 1	**RFF-**NAD-CTA-DTM
RFF - M 1	**Reference**

Function : To specify a reference.

Segment number : 35

		EDIFACT	VALEO	Description
C506	**REFERENCE**	M	**M**	
1153	**Reference code qualifier**	M an..3	**M**	ON = Order number
1154	**Reference identifier**	C an..70	**R**	VALEO order number
1156	Document line identifier	C an..6	N	
1056	Version identifier	C an..9	N	
1060	Revision identifier	C an..6	N	

Segment Notes.

Example :

RFF+ON:5502024250'

SG10 - R 9999	CPS-FTX-QVR-SG11-**SG17**
SG17 - R 9999	LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-TMD-HAN-FTX-MOA-PAC-**SG18**-SG19-SG20-SG21-SG22-SG25
SG18 - R 1	RFF-NAD-CTA-**DTM**
DTM - C 1	**Date/time/period**

Function : To specify date, and/or time, or period.

Segment number : 36

		EDIFACT	VALEO	Description
C507	**DATE/TIME/PERIOD**	M	**M**	
2005	**Date or time or period function code qualifier**	M an..3	**M**	4 = Order date/time
2380	**Date or time or period text**	C an..35	**R**	
2379	**Date or time or period format code**	C an..3	**R**	102 = CCYYMMDD

Segment Notes.

Example :

DTM+4:20040420:102'

UNT - M 1	**MESSAGE TRAILER**			
Function : To end and check the completeness of a message. Segment number : 37				
		EDIFACT	VALEO	Description
0074	**Number of segments in a message**	M n..10	**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.

Segment Notes.

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

Example :

UNT+37+1'

5 EXAMPLE OF DESADV MESSAGE

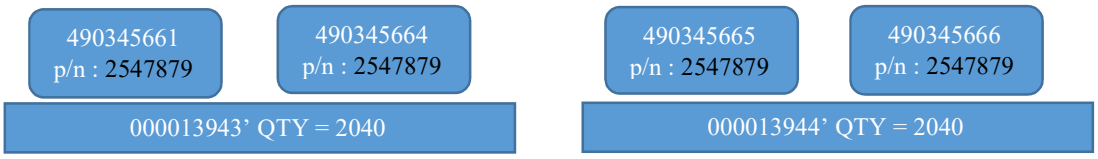
5.1 EXAMPLES OF DESADV MESSAGE

1 – Example with HU/CU (Handling Unit/Container Unit)

This example is the more complete expected by Valeo. It covers all the need and it is the one preferred by Valeo excepted if you deliver parts in SU (Simplified unit). For those case see next example.

1.1 Homogeneous pallets

Two pallets with two UCs of 1020 pieces on each.

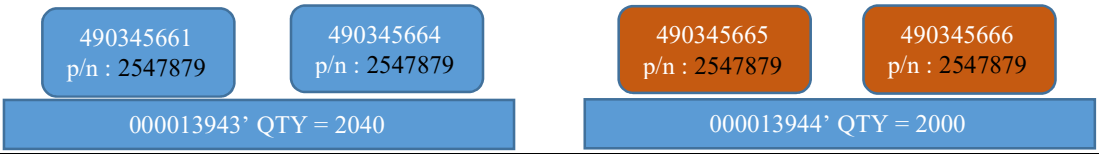


UNH+1+DESADV:D:96A:UN'	Message header
BGM+351+00245828'	ASN number is 00245828
DTM+137:201906151000:203'	Document date is June, 15th 2019 at 10 AM
DTM+132:201906151600:203'	Estimated Arrival date and time is June, 15th 2019 at 04 PM
DTM+11:201906151000:203'	Despatch date and time is June,15th 2019 at 10 AM
MEA+AAX+AAD+KGM:456424'	Total gross weight of the ASN is 456424 KG
RFF+ABT+123456	Custom's identification number isn123456
RFF+CRN:67460487'	Valeo Pick Up Order (PUO) is 67460487
NAD+CZ+0931353513611::10++CONSIGNOR NAME'	The Consignor is identified by the Odette code number 0931353513611
NAD+SE+0931353513611::10++SELLER NAME'	The Seller is identified by the Odette code number 0931353513611
RFF+ADE:58292'	VALEO internal number for the seller is 58292
NAD+CA+0931353514199::10++CARRIER NAME'	The Carrier is identified by the Odette code number 0931353514199
RFF+ADE:10115'	VALEO internal number for the carrier is 10115
NAD+CN+0931955500299::10++VALEO PLANT NAME'	Delivery party is identified by the Odette code number 0931955500299
LOC+11+Place of Discharge'	Place of discharge identification
TOD+5++EXW'	Transport condition code (incoterms) is EXW
TDT+12++ROU+++++::::FR'	Transport details
EQD+M+9999 TR 99'	Vehicle Trailer Identification
CPS+1++3	One CP per UM (Outer)
PAC+2++UM BLEU ::92'	Type of Package (Outer) UM
PCI+17'	
GIN+ML+000013943+000013944"	UM Label
CPS+2++1'	First packaging sequence
PAC+4++CARTON BLEU::92'	VALEO's type of package is CARTON BLEU, number of packages (CU) is 4
MEA+AAX+AAD+KGM:456424'	
QTY+52:1020:PCE'	Number of parts per package is 1020
PCI+17'	
RFF+AAT:000013943'	Master label number is 000013943 (HU) : First pallet
GIR+3+490345661:ML++674550:BX	First package id number is 490345661 (CU), Batch number is 674550

GIR+3+490345664:ML++674551:BX’	Second package id number is 490345664 (CU), Batch number is 674551
PCI+17'	
RFF+AAT:000013944’	Master label number is 000013944 (HU) : Second pallet
GIR+3+490345665:ML++674553:BX’	First package id number is 490345665 (CU), Batch number is 674553
GIR+3+490345666:ML++674554:BX’	First package id number is 490345666 (CU), Batch number is 674554
LIN+1++2547879:IN'	VALEO’s part number is 2547879
PIA+1+11164901:SA+P04 :DR'	Supplier’s part number is 11164901, Drawing revision number is P04
IMD+++:::CAPSULE DE ROULEMENT'	Article description
QTY+12:4080:PCE	Dispatched quantity is 4*1020 = 4080 volumes
ALI+FR'	Country of Origin
RFF+ON:0000009301'	Order Reference number is 0000009301
DTM+4:20040420:102'	Order Date
UNT+42+1'	Total of 42 segments in the message

1.2 Heterogeneous pallets in quantity

Two pallets : One with two UCs of 1020 pieces in each, One with two UCs of 1000 pieces in each

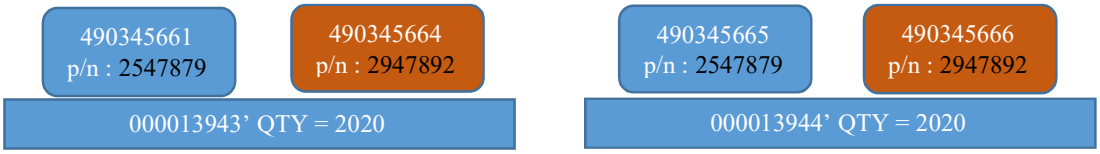


UNH+1+DESADV:D:96A:UN'	Message header
BGM+351+00245828'	ASN number is 00245828
DTM+137:201906151000:203'	Document date is June, 15th 2019 at 10 AM
DTM+132:201906151600:203'	Estimated Arrival date and time is June, 15th 2019 at 04 PM
DTM+11:201906151000:203'	Despatch date and time is June,15th 2019 at 10 AM
MEA+AAX+AAD+KGM:456424'	Total gross weight of the ASN is 456424 KG
RFF+ABT+123456	Custom's identification number isn123456
RFF+CRN:67460487'	Valeo Pick Up Order (PUO) is 67460487
NAD+CZ+0931353513611::10++CONSIGNOR NAME'	The Consignor is identified by the Odette code number 0931353513611
NAD+SE+0931353513611::10++SELLER NAME'	The Seller is identified by the Odette code number 0931353513611
RFF+ADE:58292'	VALEO internal number for the seller is 58292
NAD+CA+0931353514199::10++CARRIER NAME'	The Carrier is identified by the Odette code number 0931353514199
RFF+ADE:10115'	VALEO internal number for the carrier is 10115
NAD+CN+0931955500299::10++VALEO PLANT NAME'	Delivery party is identified by the Odette code number 0931955500299
LOC+11+Place of Discharge'	Place of discharge identification
TOD+5++EXW'	Transport condition code (incoterms) is EXW
TDT+12++ROU+++++::::FR'	Transport details
EQD+M+9999 TR 99'	Vehicle Trailer Identification
CPS+1++3'	One CP per UM (Outer)
PAC+1++UM BLEU ::92'	Type of Package (Outer) UM
PCI+17'	
GIN+ML+000013943'	UM Label
CPS+2++3'	One CP per UM (Outer)
PAC+1++UM ROUGE ::92'	Type of Package (Outer) UM
PCI+17'	
GIN+ML+000013944'	UM Label
CPS+3++1'	First packaging sequence
PAC+2++CARTON BLEU::92'	VALEO's type of package is CARTON BLEU, number of packages (CU) is 2
MEA+AAX+AAD+KGM:3500'	
QTY+52:1020:PCE'	Number of parts per package is 1020
PCI+17'	
RFF+AAT:000013943'	Master label number is 000013943 (HU)
GIR+3+490345661:ML++674550:BX	First package id number is 490345661 (CU), Batch number is 674550
GIR+3+490345664:ML++674551:BX'	Second package id number is 490345664 (CU), Batch number is 674551
PAC+2++CARTON ROUGE::92'	VALEO's type of package is CARTON ROUGE, number of packages (CU) is 2
MEA+AAX+AAD+KGM:2500'	
QTY+52:1000:PCE'	Number of parts per package is 1000
PCI+17'	

RFF+AAT:000013944’	Master label number is 000013944 (HU)
GIR+3+490345665:ML++674553:BX’	First package id number is 490345665 (CU), Batch number is 674553
GIR+3+490345666:ML++674554:BX’	First package id number is 490345666 (CU), Batch number is 674554
LIN+1++2547879:IN'	VALEO’s part number is 2547879
PIA+1+11164901:SA+P04 :DR'	Supplier’s part number is 11164901,Drawing revision number is P04
IMD+++:::CAPSULE DE ROULEMENT'	Article description
QTY+12:4040:PCE	Despatched quantity is (2*1020) + (2*1000) = 4040
ALI+ES'	Country of Origin
RFF+ON:0000009301'	Order Reference number is 0000009301
DTM+4:20040420:102'	Order Date
UNT+49+1'	Total of 49 segments in the message

1.3 Heterogeneous pallets in partnumbers

Two pallets with mixed part numbers.



UNH+1+DESADV:D:96A:UN'	Message header
BGM+351+00245828'	ASN number is 00245828
DTM+137:201906151000:203'	Document date is June, 15th 2019 at 10 AM
DTM+132:201906151600:203'	Estimated Arrival date and time is June, 15th 2019 at 04 PM
DTM+11:201906151000:203'	Despatch date and time is June,15th 2019 at 10 AM
MEA+AAX+AAD+KGM:6000'	Total gross weight of the ASN is 6000 KG
RFF+ABT+123456	Custom's identification number isn123456
RFF+CRN:67460487'	Valeo Pick Up Order (PUO) is 67460487
NAD+CZ+0931353513611::10++CONSIGNOR NAME'	The Consignor is identified by the Odette code number 0931353513611
NAD+SE+0931353513611::10++SELLER NAME'	The Seller is identified by the Odette code number 0931353513611
RFF+ADE:58292'	VALEO internal number for the seller is 58292
NAD+CA+0931353514199::10++CARRIER NAME'	The Carrier is identified by the Odette code number 0931353514199
RFF+ADE:10115'	VALEO internal number for the carrier is 10115
NAD+CN+0931955500299::10++VALEO PLANT NAME'	Delivery party is identified by the Odette code number 0931955500299
LOC+11+Place of Discharge'	Place of discharge identification
TOD+5++EXW'	Transport condition code (incoterms) is EXW
TDT+12++ROU+++++::::FR'	Transport details
EQD+M+9999 TR 99'	Vehicle Trailer Identification
CPS+1++3'	One CP per UM (Outer)
PAC+1++UM MIXTE 1 ::92'	Type of Package (Outer) UM
PCI+17'	
GIN+ML+000013943'	UM Label
CPS+2++3'	One CP per UM (Outer)
PAC+1++UM MIXTE 2 ::92'	Type of Package (Outer) UM
PCI+17'	
GIN+ML+000013944'	UM Label
CPS+3++1'	First packaging sequence
PAC+2++CARTON BLEU::92'	VALEO's type of package is CARTON BLEU, number of packages (CU) is 2
MEA+AAX+AAD+KGM:3500'	
QTY+52:1020:PCE'	Number of parts per package is 1020
PCI+17'	
RFF+AAT:000013943'	Master label number is 000013943 (HU)
GIR+3+490345661:ML++674550:BX	Package id number is 490345661 (CU), Batch number is 674550
RFF+AAT:000013944'	Master label number is 000013944 (HU)
GIR+3+490345665:ML++674553:BX'	First package id number is 490345665 (CU), Batch number is 674553
LIN+1++2547879:IN'	VALEO's part number is 2547879
PIA+1+11164901:SA+P04 :DR'	Supplier's part number is 11164901,Drawing revision number is P04

IMD+++:::CAPSULE DE ROULEMENT'	Article description
QTY+12:2040:PCE	Dispatched quantity is 2*1020 = 2040 PCE
ALI+ES'	Country of Origin
RFF+ON:0000009301'	Order Reference number is 0000009301
DTM+4:20040420:102'	Order Date
CPS+4++1'	Second packaging sequence
PAC+2++CARTON ROUGE::92’	VALEO’s type of package is CARTON ROUGE, number of packages (CU) is 2
MEA+AAX+AAD+KGM:2500'	
QTY+52:1000:PCE’	Number of parts per package is 1000
PCI+17'	
RFF+AAT:000013943’	Master label number is 000013943 (HU)
GIR+3+490345664:ML++674552:BX’	Package id number is 490345664(CU), Batch number is 674552
RFF+AAT:000013944’	Master label number is 000013944 (HU)
GIR+3+490345666:ML++674554:BX’	Package id number is 490345666(CU), Batch number is 674554
LIN+1++2947892:IN'	VALEO’s part number is 2947892
PIA+1+11164902:SA+P03 :DR'	Supplier’s part number is 11164902,Drawing revision number is P03
IMD+++:::CAPSULE DE ROULEMENT BIS'	Article description
QTY+12:2000:PCE	Dispatched quantity is 2*1000 = 2000 PCE
ALI+ES'	Country of Origin
RFF+ON:0000009302'	Order Reference number is 0000009302
DTM+4:20190420:102'	Order Date
UNT+59+1'	Total of 59222 segments in the message

2 – Example with SU (Simplified Unit)

Sometimes, you deliver your parts in a container but without inner container, so you can produce only a master label.

000013943' QTY = 60

000013944' QTY = 60

UNH+1+DESADV:D:96A:UN'	Message header
BGM+351+00245828'	ASN number is 00245828
DTM+137:201906151000:203'	Document date is June, 15th 2019 at 10 AM
DTM+132:201906151600:203'	Estimated Arrival date and time is June, 15th 2019 at 04 PM
DTM+11:201906151000:203'	Despatch date and time is June,15th 2019 at 10 AM
MEA+AAX+AAD+KGM:600'	Total gross weight of the ASN is 600 KG
RFF+ABT+123456	Custom's identification number isn123456
RFF+CRN:67460487'	Valeo Pick Up Order (PUO) is 67460487
NAD+CZ+0931353513611::10++CONSIGNOR NAME'	The Consignor is identified by the Odette code number 0931353513611
NAD+SE+0931353513611::10++SELLER NAME'	The Seller is identified by the Odette code number 0931353513611
RFF+ADE:58292'	VALEO internal number for the seller is 58292
NAD+CA+0931353514199::10++CARRIER NAME'	The Carrier is identified by the Odette code number 0931353514199
RFF+ADE:10115'	VALEO internal number for the carrier is 10115
NAD+CN+0931955500299::10++VALEO PLANT NAME'	Delivery party is identified by the Odette code number 0931955500299
LOC+11+Place of Discharge'	Place of discharge identification
TOD+5++EXW'	Transport condition code (incoterms) is EXW
TDT+12++ROU+++++::::FR'	Transport details
EQD+M+9999 TR 99'	Vehicle Trailer Identification
CPS+1++1'	First packaging sequence
PAC+2++CONTAINER ROUGE::92'	VALEO's type of package is CONTAINER ROUGE, number of packages (SU) is 2
MEA+AAX+AAD+KGM:600'	
QTY+52:60:PCE'	Number of parts per package is 60
PCI+17'	
RFF+AAT:000013943'	Master label number is 000013943 (HU)
GIR+3+000013943:ML++674550:BX'	Package id number is 000013943 (CU), Batch number is 674550
PCI+17'	
RFF+AAT:000013944'	Master label number is 000013944 (HU)
GIR+3+000013944:ML++674551:BX'	Package id number is 000013944 (CU), Batch number is 674551
LIN+1++2547879:IN'	VALEO part number is 2547879
PIA+1+11164901:SA'	Supplier part number is 11164901
IMD+++:::CAPSULE DE ROULEMENT'	Article description
QTY+12:120:PCE	Dispatched quantity is 2*60 = 120 PCE
RFF+ON:0000009301'	Order Reference number
DTM+4:20040420:102'	Order Date
UNT+42+1'	Total of 42 segments in the message