



EDI IMPLEMENTATION GUIDELINES

DESADV EDIFACT D96A

VERSION 4.0 – 9/12/2004

SOMMAIRE

1	THE DESADV MESSAGE	3
1.1	INTRODUCTION.....	3
1.2	STATUS.....	3
1.3	PRINCIPLES	3
2	MESSAGE STRUCTURE CHART	4
3	BRANCHING DIAGRAM.....	5
4	SEGMENTS DESCRIPTION.....	6
5	SEGMENTS LAYOUT.....	9
6	EXAMPLE OF DESADV MESSAGE.....	38

1 THE DESADV MESSAGE

1.1 INTRODUCTION

This document provides the definition of a Invoice Message, based on the EDIFACT DESADV 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 DESPATCH ADVICE message without the necessity for any additional standard related documentation.

1.2 STATUS

MESSAGE TYPE	: DESADV
REFERENCE DIRECTORY	: D96.A
VALEO SUBSET VERSION	: 01

1.3 PRINCIPLES

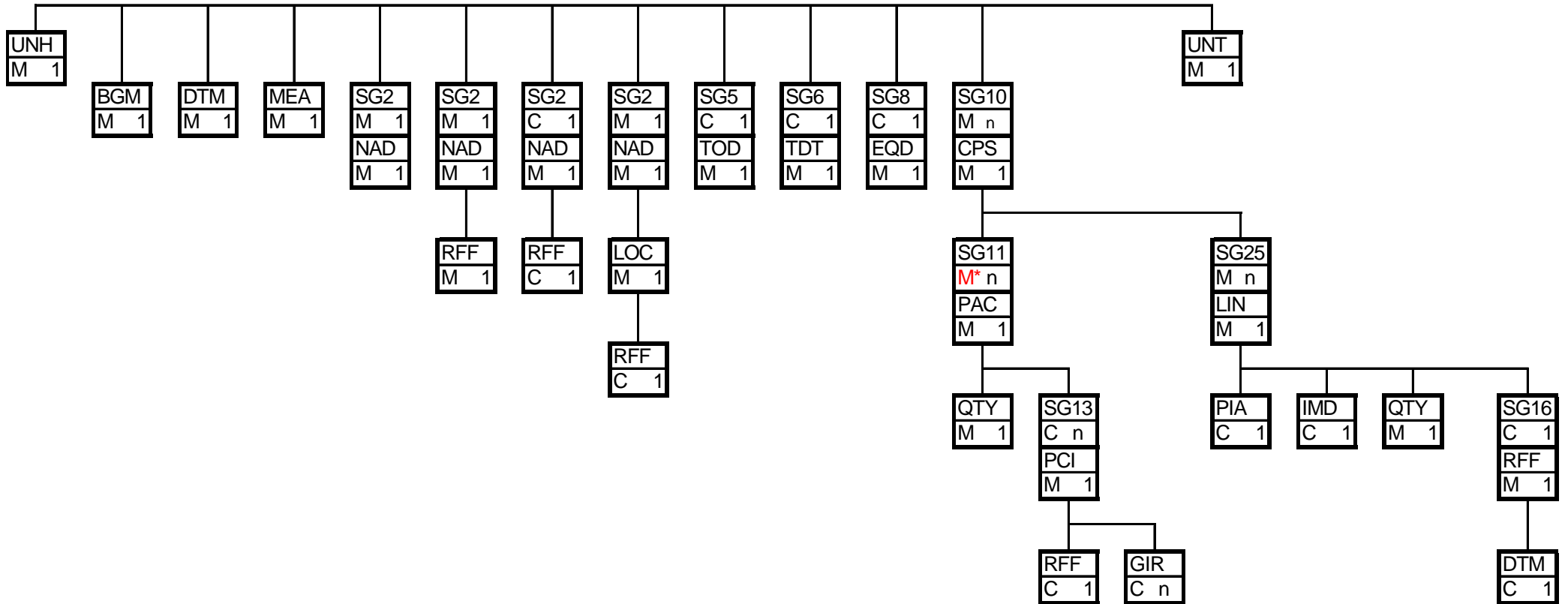
The main message running rules are the following.

2 MESSAGE STRUCTURE CHART

<u>Delivery Schedule Heading Section</u>				
UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3	M	1	Date/time/period
MEA	4	M	1	Measurements
SG2		M	1	NAD-LOC-RFF
NAD	5	M	1	Name and address
SG2		M	1	NAD-LOC-RFF
NAD	6	M	1	Name and address
RFF	7	M	1	Reference
SG2		C	1	NAD- LOC-RFF
NAD	8	M	1	Name and address
RFF	9	C	1	Reference
SG2		M	1	NAD- LOC-RFF
NAD	10	M	1	Name and address
LOC	11	M	1	Location
RFF	12	C	1	Reference
SG5		C	1	TOD
TOD	13	M	1	Terms of delivery
SG6		C	1	TDT
TDT	14	M	1	Transport details
SG8		C	1	EQD
EQD	15	M	1	Equipment details
<u>Despatch Advice Detail Section</u>				
SG10		M	9999	CPS-SG11-SG15
CPS	16	M	1	Consignment packing sequence
SG11		M*	9999	PAC-MEA-QTY-SG13
PAC	17	M	1	Package
QTY	18	M	1	Quantity
SG13		C	9999	PCI-RFF-GIR-SG14
PCI	19	M	1	Package identification
RFF	20	C	1	Reference
GIR	21	C	99	Related identification number
SG15		M	9999	LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18
LIN	22	M	1	Line item
PIA	23	C	1	Additional product id
IMD	24	C	1	Item description
QTY	25	M	1	Quantity
SG16		C	1	RFF-DTM
RFF	26	M	1	Reference
DTM	27	C	1	Date/time/period
UNT	28	M	1	MESSAGE TRAILER

The group SG11 is mandatory only for Advance Shipping Note complete (with labeling).

3 BRANCHING DIAGRAM



4 SEGMENTS DESCRIPTION

Delivery Schedule Heading Section**UNH - M 1 - MESSAGE HEADER**

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

BGM - M 1 - Beginning of message

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

DTM - M 1 - Date/time/period

This segment is used to specify the date of the invoice.

MEA - M 1 - Measurements

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

SG2 - M 1 - NAD-LOC-RFF

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 identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyers address.

LOC - M 1 - Place/location identification

This segment is used to identify a location related to the transport details specified in the previous TDT segment.

RFF - M 1 - Reference

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

SG5 - C 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 dispatch advice.

TDT - M 1 – Transport details

A segment specifying the carriage, and the mode and means of transport of the goods being dispatched.

SG8 - C 1 - EQD

A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole dispatch advice.

EQD - M 1 - Equipment details

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

Dispatch Advice Detail Section**SG10 - M 9999 - CPS-SG11-SG15**

A group of segments providing details of all package levels and of the individual dispatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships.

CPS - M 1 - Consignment packing sequence

This segment is used to identify the sequence in which packing of the consignment occurs.

SG11 - M 9999 - PAC-MEA-QTY-SG13 : Mandatory only for Advance Shipping Note complete (with labeling).

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

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.

QTY – M 1 - Quantity

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

SG13 - R 9999 - PCI-RFF-GIR-SG14

A group of segments specifying markings, labels, and packing numbers.

PCI - M 1 - Package identification

This segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.

RFF - R 1 - Reference

This segment is used to specify any references which relate to the package identification, e.g., master label number.

GIR - R 99 – Related identification number

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

SG15 - M 9999 - LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18

A group of segments providing details of the individual dispatched items.

LIN - M 1 - Line item

This segment is used to identify the line item being dispatched.

PIA - C 1 - Additional product id

This segment is used to identify additional product codes for the current line item.

IMD - C 1 - Item description

This segment is used to describe the current line item.

QTY - M 1 - Quantity

This segment is used to specify the quantity of the product identified in the LIN segment which is about to be, or, has been dispatched.

SG16 - C 1 - RFF-DTM

A group of segments to give reference numbers and dates.

RFF - M 1 - Reference

This segment is used to specify any references which are for the line item only.

DTM - C 1 - Date/time/period

This segment is used to specify dates relating to the references given in the preceding RFF segment.

UNT - M 1 - MESSAGE TRAILER

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

5 SEGMENTS LAYOUT

This section describes each segment used in the VALEO Needs Expression message. The original 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	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	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		
<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 Despatch Advice message based on the D.96A directory under the control of the United Nations.</p> <p>Example :</p> <p>UNH+1+DESADV:D:96A:UN'</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		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..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	Despatch advice number assigned by supplier
1225	Message function, coded	C an..3	N	
4343	Response type, coded	C an..3	N	
<u>Segment Notes.</u>				
Example: BGM+351+00245828'				

DTM - M		1 - Date/time/period		
Function		: To specify 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
<u>Segment Notes.</u>				
Example :				
DTM+137:200404201000:203'				

MEA - M		1 - Measurements		
Function		: To specify physical measurements, including dimension tolerances, weights and counts.		
Segment number		: 4		
		EDIFACT	VALEO	Description
6311	Measurement Application Qualifier	M an..3	M	AAX = Consignment measurement
C502	MEASUREMENT DETAILS	C	R	
6313	Measurement dimension, coded	C an..3	R	AAD = Total gross weight
6321	Measurement significance, coded	C an..3	N	
6155	Measurement attribute, coded	C an..3	N	
6154	Measurement attribute	C an..70	N	
C174	VALUE / RANGE	C	R	
6411	Measure unit qualifier	M an..3	M	
6314	Measurement value	C n18	R	
6162	Range minimum	C n18	N	
6152	Range maximum	C n18	N	
6432	Significant digits	C n2	N	
7383	Surface / Layer indicator, coded	C an..3	N	
<u>Segment Notes.</u>				
Example : MEA+AAX+AAD+KGM:456424'				

SG2		NAD-LOC-RFF		
NAD - M		1 - Name and address		
Function :		To specify the name/address and their related function		
Segment number :		5		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an..3	M	CZ = Consignor
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	Odette code of the consignor
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	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, 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+CZ+0931353513609::10++MORA AZERGUES'				

SG2-		NAD-LOC-RFF		
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	Odette code of the seller
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	10 = Odette
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 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, 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+SE+0931353513609::10++MORA AZERGUES'				

SG2		NAD-LOC-RFF		
RFF - M		1 - Reference		
Function		: To specify a reference.		
Segment number		: 7		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ADE= Account n°
1154	Reference number	C an..35	R	VALEO internal number of the seller
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example :				
RFF+ADE:58292'				

SG2		NAD-LOC-RFF		
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	CA = Carrier
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	Odette code of the carrier
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 carrier, 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>				
This SG2 group with NAD_3035 = CA is optional.				
Example :				
NAD+CA+0931353514115::10++AB TRANSPORTEUR'				

SG2		NAD-LOC-RFF		
RFF - C		1 - Reference		
Function		: To specify a reference.		
Segment number		: 9		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ADE = Account number
1154	Reference number	C an..35	R	VALEO internal n° of the carrier
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
This SG2 group with NAD_3035 = CA is optional.				
Example :				
RFF+ADE:10115'				

SG2		NAD-LOC-RFF		
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 the consignee
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 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, 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+ 0931955500293::10++VALEO ETAPLES'				

SG2		NAD-LOC-RFF		
LOC - M		1 - Place/location identification		
Function		To identify a country/place/location/related location one/related location two.		
Segment number		11		
		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 place of discharge
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	
<u>Segment Notes.</u>				
Example : LOC+11+ETAPLES'				

SG2		NAD-LOC-RFF		
RFF - M		1 - Reference		
Function		: To specify a reference.		
Segment number		: 12		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ADE = Account number
1154	Reference number	C an..35	R	VALEO internal n° of the consignee
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example :				
RFF+ADE:61778'				

SG5		TOD		
TOD - M		1 - Terms of delivery		
Function :		To specify terms of delivery or transport.		
Segment number :		13		
		EDIFACT	VALEO	Description
4055	Terms of delivery or transport function, coded	C an..3	R	
4215	Transport charges method of payment, coded	C an..3	N	
C100	TERMS OF DELIVERY OR TRANSPORT	C	R	
4053	Terms of delivery or transport, coded	C an..3	R	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
4052	Terms of delivery or transport	C an..70	N	
4052	Terms of delivery or transport	C an..70	N	
<p><u>Segment Notes.</u> The SG5 group is optional.</p> <p>Example : TOD+5++EXW'</p>				

SG6		TDT		
TDT - M		1 - Details of transport		
Function :		To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport		
Segment number :		14		
		EDIFACT	VALEO	Description
8051	Transport stage qualifier	M an..3	M	
8028	Conveyance reference number	C an..17	N	
C220	MODE OF TRANSPORT	C	R	
8067	Mode of transport, coded	C an..3	R	
8066	Mode of transport	C an..17	N	
C228	TRANSPORT MEANS	C	N	
8179	Type of means of transport id	C an..8		
8178	Type of means of transport	C an..17		
C040	CARRIER	C	N	
3127	Carrier id	C an..17		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
3128	Carrier name	C an..35		
8101	Transit direction, coded	C an..3	N	
C401	EXCESS TRANSPORTATION INFORMATION	C	N	
8457	Excess transportation reason, coded	M an..3		
8459	Excess transportation responsibility, coded	M an..3		
7130	Customer authorization number	C an..17		
C222	TRANSPORT IDENTIFICATION	C	R	
8213	Id of means of transport id	C an..9	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
8212	Id of the means of transport	C an..35	N	
8453	Nationality of means of transport, coded	C an..3	R	
8281	Transport ownership, coded	C an..3	N	
<p><u>Segment Notes.</u> The SG6 group is optional.</p> <p>Example : TDT+12++ROU+++++:::FR'</p>				

SG8		EQD		
EQD - M		1 - Equipment details		
Function :		To identify a unit of equipment		
Segment number :		15		
		EDIFACT	VALEO	Description
8053	Equipment qualifier	M an..3	M	
C237	EQUIPMENT ID	C	R	
8260	Equipment identification number	C an..17	R	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
3207	Country, coded	C an..3	N	
C224	EQUIPMENT SIZE AND TYPE	C	N	
8155	Equipment size and type id	C an..10		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
8154	Equipment size and type	C an..35		
8077	Equipment supplier, coded	C an..3	N	
8249	Equipment status, coded	C an..3	N	
8169	Full / Empty indicator, coded	C an..3	N	
<u>Segment Notes.</u> The SG8 group is optional. Example : EQD+TE+9999 TR 99'				

SG10		CPS-SG11-SG15		
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 :		16		
		EDIFACT	VALEO	Description
7164	Hierarchical id. number	M an..12	M	Sequential numbering recommended
7166	Hierarchical parent id.	C an..12	N	
7075	Packaging level, coded	C an..3	R	1 = Inner
<u>Segment Notes.</u>				
This segment is used as a trigger for the next segments (PAC,LIN...)				
Example :				
CPS+1++1'				

Group only mandatory for Advance Shipping Note Complete (with Labelling)

SG10		CPS-SG11-SG15		
SG11 *		PAC-MEA-QTY-SG13		
PAC* - M		1 - Package : Segment mandatory only for Advance Shipping Note (with labelling)		
Function		: To describe the number and type of packages/physical units.		
Segment number		: 17		
		EDIFACT	VALEO	Description
7224	Number of packages	C n..8	R	
C531	PACKAGING DETAILS	C	N	
7075	Packaging level, coded	C an..3		
7233	Packaging related information, coded	C an..3		
7073	Packaging terms and conditions, coded	C an..3		
C202	PACKAGE TYPE	C	R	
7065	Type of packages identification	C an..17	R	Type of package, VALEO code
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	92
7064	Type of packages	C an..35	N	
C402	PACKAGE IDENTIFICATION TYPE	C	N	
7077	Item description type, coded	M an..3		
7064	Type of packages	M an..35		
7143	Item number type, coded	C an..3		
7064	Type of packages	C an..35		
7143	Item number type, coded	C an..3		
C532	RETURNABLE PACKAGE DETAILS	C	N	
8395	Returnable package freight payment responsibility, coded	C an..3		
8393	Returnable package load contents, coded	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		CPS-SG11-SG15		
SG11		PAC-MEA-QTY-SG13		
QTY *- M	1 -	Quantity : Segment mandatory only for Advance Shipping Note (with labelling)		
Function	:	To specify a pertinent quantity.		
Segment number	:	18		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	52 = Quantity per pack
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
This segment is used to specify the quantity per package specified in the PAC segment.				
Example :				
QTY+52:1020:PCE'				

SG10		CPS-SG11-SG15		
SG11		PAC-MEA-QTY-SG13		
SG13		PCI-RFF-GIR-SG14		
PCI* - M		1 - Package identification : Segment mandatory only for Advance Shipping Note (with labelling)		
Function		: To specify markings and labels on individual packages or physical units.		
Segment number		: 19		
		EDIFACT	VALEO	Description
4233	Marking instructions, coded	C an..3	R	17 = Seller's instructions
C210	MARKS & LABELS	C	N	
7102	Shipping marks	M an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
7102	Shipping marks	C an..35		
8275	Container/package status, coded	C an..3	N	
C827	TYPE OF MARKING	C	N	
7511	Type of marking, coded	M an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
<u>Segment Notes.</u>				
The SG13 group is optional.				
Example :				
PCI+17'				

SG10	CPS-SG11-SG15			
SG11	PAC-MEA-QTY-SG13			
SG13	PCI-RFF-GIR-SG14			
RFF* - R	1 -	Reference : Segment required only for Advance Shipping Note (with labelling)		
Function	:	To specify a reference.		
Segment number	:	20		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	AAT = Master label number
1154	Reference number	C an..35	R	
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<p><u>Segment Notes.</u> The SG13 group is optional. This segment is used to give the identification of the Handling Unit</p> <p>Example : RFF+AAT:000013943'</p>				

SG10		CPS-SG11-SG15		
SG11		PAC-MEA-QTY-SG13		
SG13		PCI-RFF-GIR-SG14		
GIR* - R		99 - Related identification number : Segment required only for Advance Shipping Note (with labelling)		
Function		: To specify a related set of identification numbers.		
Segment number		: 21		
		EDIFACT	VALEO	Description
7297	Set identification qualifier	M an..3	M	3 = Package
C206	IDENTIFICATION NUMBER	M	M	
7402	Identity number	M an..35	M	P.U identification number
7405	Identity number	C an..3	R	ML = Marking/label number
4405	Status, coded	C an..3	N	
C206	IDENTIFICATION NUMBER	C	N	
7402	Identity number	M an..35		
7405	Identity number	C an..3		
4405	Status, coded	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		
C206	IDENTIFICATION NUMBER	C	N	
7402	Identity number	M an..35		
7405	Identity number	C an..3		
4405	Status, coded	C an..3		
<u>Segment Notes.</u>				
The SG13 group is optional.				
Example :				
GIR+3+490345661:ML'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
LIN - M		1 - Line item		
Function		: To identify a line item and configuration.		
Segment number		: 22		
		EDIFACT	VALEO	Description
1082	Line item number	C n..6	R	
1229	Action request/notification, coded	C an..3	N	
C212	ITEM IDENTIFICATION NUMBER	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+1++2547879:IN'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
PIA - C		1- Additional product id		
Function		: To specify additional or substitutional item identification codes.		
Segment number		: 23		
		EDIFACT	VALEO	Description
4347	Product id. function qualifier	M an..3	M	1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	M	
7140	Item number	C an..35	R	Article n° of the supplier
7143	Item number type, coded	C an..3	R	SA = Supplier's article number
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
C212	ITEM NUMBER IDENTIFICATION	C	N	
7140	Item number	C an..35		
7143	Item number type, coded	C an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
C212	ITEM NUMBER IDENTIFICATION	C	N	
7140	Item number	C an..35		
7143	Item number type, coded	C an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
C212	ITEM NUMBER IDENTIFICATION	C	N	
7140	Item number	C an..35		
7143	Item number type, coded	C an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
<u>Segment Notes.</u>				
Example: PIA+1+11164901:SA'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
IMD - C		1 - Item description		
Function		: To describe an item in either an industry or free format.		
Segment number		: 24		
		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+++:::CAPSULE DE ROULEMENT'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
QTY - C		1 - Quantity		
Function		: To specify a pertinent quantity.		
Segment number		: 25		
		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>				
Example :				
QTY+12:19200:PCE'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
SG16		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
Segment number		: 26		
		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>				
The SG16 group is optional.				
Example :				
RFF+ON:0000009301'				

SG10		CPS-SG11-SG15		
SG15		LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18		
SG16		RFF-DTM		
DTM - C		1	Date/time/period	
Function		:	To specify date, and/or time, or period.	
Segment number		:	27	
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	4 = Order 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>				
The SG16 group is optional.				
Example :				
DTM+4:20040420:102'				

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+33+1'				

6 EXAMPLE OF DESADV MESSAGE

UNH+1+DESADV:D:96A:UN'	Message header
BGM+351+00245828'	Needs expression number is 00245828
DTM+137:200404201000:203'	Document date 20th of April 2004
MEA+AAX+AAD+KGM:456424'	Total gross weight is 456424 KG
NAD+CZ+0931353513609::10++MORA AZERGUES'	The Consignor is identified by the Odette code number 0931353513609
NAD+SE+0931353513609::10++MORA AZERGUES'	The Seller is identified by the Odette code number 0931353513609
RFF+ADE:58292'	VALEO internal number of the seller is 58292
NAD+CA+0931353514115::10++AB TRANSPORTEUR'	The Carrier is identified by the Odette code number 0931353514115
RFF+ADE:10115'	VALEO internal number of the carrier is 10115
NAD+CN+ 0931955500293::10++VALEO ETAPLES'	Delivery party is identified by the Odette code number 0931955500293
LOC+11+ETAPLES'	Place of discharge identification
RFF+ADE:61778'	Internal account number of the delivery party
TOD+5++EXW'	Transport condition code is EXW
TDT+12++ROU+++++:::FR'	Transport details
EQD+TE+9999 TR 99'	Vehicle Identification
CPS+1++1'	First packaging sequence
PAC+4++CARTON BLEU::92'	VALEO type of package is CARTON BLEU, number of packages is 4
QTY+52:1020:PCE'	Number of pieces per package is 1020
PCI+17'	
RFF+AAT:000013943'	Master label number is 000013943
GIR+3+490345661:ML'	First package id number is 490345661
GIR+3+490345664:ML'	First package id number is 490345664
PCI+17'	
RFF+AAT:000013944'	Master label number is 000013944
GIR+3+490345665:ML'	First package id number is 490345665
GIR+3+490345666:ML'	First package id number is 490345666
LIN+1++2547879:IN'	VALEO article number is 2547879
PIA+1+11164901:SA'	Supplier article number is 11164901
IMD++++:::CAPSULE DE ROULEMENT'	Article description
QTY+12:4080:PCE	Dispatch quantity is 4*1020 = 4080 pieces
RFF+ON:0000009301'	Reference number
DTM+4:20040420:102'	Date
UNT+33+1'	Total of 33 segments in the message

IN RED : Segments mandatory only for Advance Shipping Note (with labelling)