



EDI IMPLEMENTATION GUIDELINES

INVOIC EDIFACT D96A

SOMMAIRE

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1 THE INVOIC MESSAGE

1.1 INTRODUCTION

This document provides the definition of an Invoice Message, based on the EDIFACT INVOIC 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 INVOIC without the necessity for any additional standard related documentation.

1.2 STATUS

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

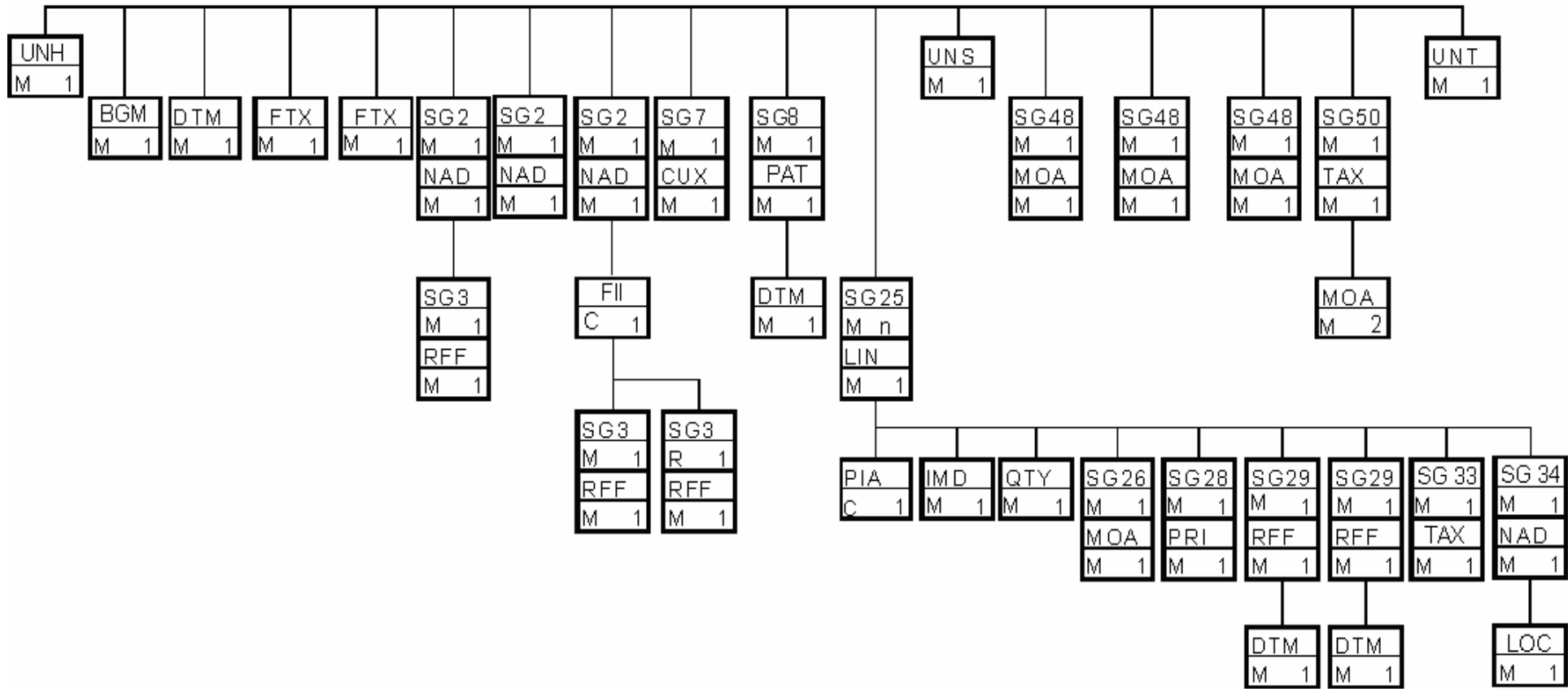
1.3 PRINCIPLES

The main message running rules are the following.

2 MESSAGE STRUCTURE CHART

<u>Invoice Header Section</u>				
UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3	M	1	Date/time/period
FTX	4	M	1	Free text
FTX	5	M	1	Free text
SG2		M	1	NAD-SG3
NAD	6	M	1	Name and address
SG3		M	1	RFF-DTM
RFF	7	M	1	Reference
SG2		M	1	NAD-SG3
NAD	8	M	1	Name and address
SG2		M	1	NAD-FII-SG3
NAD	9	M	1	Name and address
FII	10	C	1	Financial institution information
SG3		M	1	RFF-DTM
RFF	11	M	1	Reference
RFF	12	M	1	Reference
SG7		M	1	CUX-DTM
CUX	13	M	1	Currency
SG8		M	1	PAT-DTM-PCD-MOA-PAI-FII
PAT	14	M	1	Payment terms basis
DTM	15	M	1	Date/time/period
<u>Invoice Detail Section</u>				
SG25		M	9999	LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34
LIN	16	M	1	Line item
PIA	17	C	1	Additional product id
IMD	18	M	1	Item description
QTY	19	M	1	Quantity
SG26		M	1	MOA
MOA	20	M	1	Monetary amount
SG28		M	1	PRI
PRI	21	M	1	Price details
SG29		M	1	RFF-DTM
RFF	22	M	1	Reference
DTM	23	M	1	Date/time/period
SG29		M	1	RFF-DTM
RFF	24	M	1	Reference
DTM	25	M	1	Date/time/period
SG33		M	1	TAX-MOA-LOC
TAX	26	M	1	Duty/tax/fee detail
SG34		M	1	NAD-LOC
NAD	27	M	1	Name and address
LOC	28	M	1	Location Identification
UNS	29	M	1	SECTION CONTROL
<u>Invoice Summary Section</u>				
SG48		M	3	MOA
MOA	30-32	M	1	Monetary amount
SG50		M	1	TAX-MOA
TAX	33	M	1	Duty/tax/fee detail
MOA	34_35	M	2	Monetary amount
UNT	36	M	1	MESSAGE TRAILER

3 BRANCHING DIAGRAM



4 SEGMENTS DESCRIPTION

Invoice 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.

FTX – M 2 - Free text

This segment is used to provide free form or coded text information which applies to the complete invoice message.

SG2 – M 3 - NAD-FII-SG3

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

NAD - M 1 - Name and address

This segment is used to 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 invoice 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.

FII - C 1 - Financial institution information

A segment identifying the financial institution and relevant account numbers for the seller, buyer and where necessary other parties.

SG3 – M 1 - RFF-DTM

A segment group for giving references only relevant to the specified party rather than the whole invoice.

RFF - M 1 - Reference

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

SG7 – M 1 CUX-DTM

A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

CUX - M 1 - Currency

This segment is used to specify currency information for the complete invoice.

SG8 – M 1 PAT-DTM

A group of segments specifying the terms of payment applicable for the whole invoice.

PAT - M 1 - Payment terms basis

A segment identifying the payment terms and date/time basis.

DTM - M 1 - Date/time/period

A segment giving the specific date/time/period, if needed, of any payments, discounts, installments...

Invoice Detail Section

SG25 – M 9999 - LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34

A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 25 within an invoice.

LIN - M 1 - Line item

This segment is used to indicate the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

PIA - C 1 - Additional product id

This segment is used to specify additional or substitution item identification codes such as a buyer's or supplier's item number.

IMD – M 1 – Item description

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

QTY – M 1 - Quantity

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

SG26 – M 1 - MOA

A group of segments specifying any monetary amounts relating to the products.

MOA - M 1 - Monetary amount

This segment is used to specify monetary amounts related to the current line item.

SG28 – M 1 - PRI

A group of segments identifying the relevant pricing information for the goods or services invoiced.

PRI - M 1 - Price details

This segment is used to specify price information for the current line item.

SG29 – M 2 - RFF-DTM

A group giving references and where necessary, their dates, relating to the line item.

RFF - M 1 - Reference

This segment is used to provide references specific to the line item, and overrides any global references provided in the heading section of the invoice.

DTM – M 1 - Date/time/period

This segment is used to specify dates and times pertinent to the previous RFF segment.

SG33 – M 1 - TAX-MOA-LOC

A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

TAX - M 1 - Duty/tax/fee details

A segment specifying a tax type, category and rate, or exemption, relating to the line item.

SG34 – M 1 - NAD-LOC

A group of segments identifying the parties with associated information, relevant to the line item only.

NAD - M 1 - Name and address

This segment is used to identify parties which are valid only for the current line item. Parties identified here override those specified in the NAD segment at heading level when the same qualifier is used.

LOC - M 1 – Location identification

A segment giving more specific location information of the party specified in the NAD segment : internal site/building number.

UNS - M 1 - SECTION CONTROL

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

Invoice Summary Section

SG48 - M 3 - MOA

A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates-

MOA - M 1 - Monetary amount

This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.

SG50 – M 1 - TAX-MOA

A group of segments specifying taxes totals for the invoice.

TAX - M 1 - Duty/tax/fee details

This segment is used to specify the total taxes or duties due on the complete invoice.

MOA - M 2 - Monetary amount

This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

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	INVOIC = Invoice
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 Invoice message based on the D.96A directory under the control of the United Nations.</p> <p>Example : UNH+1+INVOIC: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	380 = Commercial Invoice
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	Invoice number assigned by supplier.
1225	Message function, coded	C an..3	R	9=original
4343	Response type, coded	C an..3	N	
<u>Segment Notes.</u>				
Example: BGM+380+1FV0401336+9'				

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	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+137:20040409:102'				

FTX - M		1 - Free text		
Function :		To provide free form or coded text information.		
Segment number :		4		
		EDIFACT	VALEO	Description
4451	Text subject qualifier	M an..3	M	REG = Regulatory information
4453	Text function, coded	C an..3	N	
C107	TEXT REFERENCE	C	N	
4441	Free text, coded	M an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
C108	TEXT LITERAL	C	R	
4440	Free text	M an..70	M	Trading name of the seller
4440	Free text	C an..70	R	Type of company
4440	Free text	C an..70	R	Amount of share capital & currency
4440	Free text	C an..70	R	Id n° of trade register and name of city where the trade court is located
4440	Free text	C an..70	N	
3453	Language, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to provide free form or coded text information which applies to the complete invoice message.				
<u>Dependency Notes:</u>				
This segment is only required in case of paperless invoicing for French companies. It is not required in the other cases.				
Example :				
FTX+REG+++ SKF FRANCE:SOCIETE ANONYME:CAPITAL 41850000 EUROS:B 552048837 VERSAILLES'				

FTX - M		1 - Free text		
Function :		To provide free form or coded text information.		
Segment number :		5		
		EDIFACT	VALEO	Description
4451	Text subject qualifier	M an..3	M	AAI = General information
4453	Text function, coded	C an..3	N	
C107	TEXT REFERENCE	C	N	
4441	Free text, coded	M an..3		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
C108	TEXT LITERAL	C	R	
4440	Free text	M an..70	M	Nature of VAT
4440	Free text	C an..70	R	Discount terms in case of anticipated payment
4440	Free text	C an..70	R	Discount terms in case of anticipated payment
4440	Free text	C an..70		
4440	Free text	C an..70	N	
3453	Language, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to provide free form or coded text information which applies to the complete invoice message.				
<u>Dependency Notes:</u>				
This segment is only required in case of paperless invoicing for French companies. It is not required in the other cases.				
Example :				
FTX+AAI+++TVA ACQUITTEE SUR LES DEBITS:EN CAS DE PAIEMENT ANTICIPE:UN ESCOMPTE DE 1% PAR MOIS'				

SG3		RFF-DTM		
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	VA =VAT Registration number
1154	Reference number	C an..35	R	VAT registration number of the buyer
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example : RFF+VA:FR 56 95 55 00 29'				
3124	Name and address line	C an..35	R	Address of the buyer (street and number II)
3124	Name and address line	C an..35	R	Postal code
3124	Name and address line	C an..35	R	City
3124	Name and address line	C an..35	N	
C080	PARTY NAME	C	R	
3036	Party name	M an..35	M	Buyer name, clear text
3036	Party name	C an..35	C	
3036	Party name	C an..35	C	
3036	Party name	C an..35	C	
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	R	ISO 3166 two alpha
<u>Segment Notes.</u>				
Example : NAD+BY+09319555002931125::10+ROUTE DE MONTREUIL::62630: ETAPLES SUR MER+VALEO DIV.ALTERNATEURS+++++FR'				

SG2		NAD-FII-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 qualifier	M an..3	M	SE = Seller
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	R	92 = VALEO Code 10 = Odette Code 5 = ISO Code
C058	NAME AND ADDRESS	C	R	
3124	Name and address line	M an..35	M	Address of the seller (street and number I)
3124	Name and address line	C an..35	R	Address of the seller (street and number II)
3124	Name and address line	C an..35	R	City
3124	Name and address line	C an..35	N	
3124	Name and address line	C an..35	N	
C080	PARTY NAME	C	R	
3036	Party name	M an..35	M	Seller name, clear text
3036	Party name	C an..35	N	
3036	Party name	C an..35	N	
3036	Party name	C an..35	N	
3036	Party name	C an..35	N	
3045	Party name format, coded	C an..3	N	
C059	STREET	C	N	
3042	Street and number/p.o. box	M an..35		
3042	Street and number/p.o. box	C an..35		
3042	Street and number/p.o. box	C an..35		
3042	Street and number/p.o. box	C an..35		
3164	City name	C an..35	N	
3229	Country sub-entity identification	C an..9	N	
3251	Postcode identification	C an..9	N	
3207	Country, coded	C an..3	R	ISO 3166 two alpha
<u>Segment Notes.</u>				
Example :				
NAD+SE+0931314397696::10+DEP. TRANSMISSIONS BP 423:37304: JOUE-LES-TOURS CEDEX+++++FR'				

SG2		NAD-FII-SG3		
SG3-		RFF-DTM		
RFF - M		1 - Reference		
Function :		To specify a reference.		
Segment number :		11		
		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:72332'				
3433	Institution name Id	C an..11	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
3434	Institution branch number	C an..17	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
3432	Institution name	C an..70	R	
3436	Institution branch place	C an..70	N	
3207	Country, coded	C an..3	N	
<u>Segment Notes.</u>				

SG3		RFF-DTM		
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	VA =VAT Registration number
1154	Reference number	C an..35	R	VAT registration number of the buyer
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example :				
RFF+VA:FR20314397696'				

SG7		CUX-DTM		
CUX - M		1 - Currencies		
Function :		To specify currencies used in the transaction and relevant details for the rate of exchange.		
Segment number :		13		
		EDIFACT	VALEO	Description
C504	CURRENCY DETAILS	C	R	
6347	Currency details qualifier	M an..3	M	2 = Reference currency
6345	Currency, coded	C an..3	R	ISO 4217 three alpha
6343	Currency qualifier	C an..3	R	4 = Invoicing currency
6348	Currency rate base	C n..4	N	
C504	CURRENCY DETAILS	C	N	
6347	Currency details qualifier	M an..3		
6345	Currency, coded	C an..3		
6343	Currency qualifier	C an..3		
6348	Currency rate base	C n..4		
5402	Rate of exchange	C n..12	N	
6341	Currency market exchange, coded	C an..3	N	
<p><u>Segment Notes.</u></p> <p>This segment is used to specify currency information for the complete invoice. It will only include the Invoicing currency.</p> <p>Example: CUX+2:EUR:4'</p>				

SG8		PAT-DTM		
PAT - M		1 - Payment terms basis		
Function :		To specify the payment terms basis.		
Segment number :		14		
		EDIFACT	VALEO	Description
4279	Payment terms type qualifier	M an..3	M	1 = Basic
C110	PAYMENT TERMS	C	N	
4277	Terms of payment Id	M an..17		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
4276	Terms of payment	C an..35		
4276	Terms of payment	C an..35		
C112	TERMS/TIME INFORMATION	C	N	
2475	Payment time reference, coded	M an..3		
2009	Time relation coded	C an..3		
2151	Type of period, coded	C an..3		
2152	Number of periods	C n..3		
<u>Segment Notes.</u>				
Example : PAT+1'				

SG29		RFF-DTM		
DTM - M		1 - Date/time/period		
Function		:	To specify date, and/or time, or period.	
Segment number		:	15	
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	140 = Payment due date
2380	Date/time/period	C an..35	R	Date
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+140:20040810:102'				

SG25-		LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34		
LIN - M		1 - Line item		
Function :		To identify a line item and configuration.		
Segment number :		16		
		EDIFACT	VALEO	Description
1082	Line item number	C n..6	R	
1229	Action request/notification, coded	C an..3	N	
C212	ITEM NUMBER IDENTIFICATION	C	R	
7140	Item number	C an..35	R	VALEO article number
7143	Item number type, coded	C an..3	R	IN
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
C829	SUB-LINE INFORMATION	C	N	
5495	Sub-line indicator, coded	C an..3		
1082	Line item number	C n..6		
1222	Configuration level	C n..2	N	
7083	Configuration, coded	C an..3	N	
<u>Segment Notes.</u>				
Example : LIN+1++2546997:IN'				

SG25-		LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34		
PIA - C		1 - Additional product id		
Function :		To specify additional or substitution item identification codes.		
Segment number :		17		
		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>				
This segment is used to specify additional or substitution item identification codes such as a buyer's or supplier's item number.				
Example : PIA+1+SB482000:SA'				

SG25	LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34
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IMD - M 1 - Item description				
Function		:	To describe an item in either an industry or free format.	
Segment number		:	18	
			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>				
This segment is mandatory in paperless invoicing.				
Example :				
IMD++++:::2546997'				

SG25		LIN-PIA-IMD-QTY-SG26-SG28-SG29-SG33-SG34		
QTY - M		1 - Quantity		
Function :		To specify a pertinent quantity.		
Segment number :		19		
		EDIFACT	VALEO	Description
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M	47 = Invoiced quantity
6060	Quantity	M n..15	M	
6411	Measure unit qualifier	C an..3	R	
<u>Segment Notes.</u>				
This segment is used to specify quantities related to the current line item.				
Example :				
QTY+47:8000:PCE'				

SG26		MOA		
MOA - M		1 - Monetary amount		
Function :		To specify a monetary amount.		
Segment number :		20		
		EDIFACT	VALEO	Description
C516	MONETARY AMOUNT	M	M	
5025	Monetary amount type qualifier	M an..3	M	203 = Line item amount
5004	Monetary amount	C n..18	R	
6345	Currency, coded	C an..3	N	
6343	Currency qualifier	C an..3	N	
4405	Status, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to specify monetary amounts related to the current line item.				
Example :				
MOA+203:66.48'				

SG28		PRI		
PRI - M		1 - Price details		
Function	:	To specify price information.		
Segment number	:	21		
		EDIFACT	VALEO	Description
C509	PRICE INFORMATION	C	R	
5125	Price qualifier	M an..3	M	AAA = Calculation net - Note 1
5118	Price	C n..15	R	
5375	Price type, coded	C an..3	N	
5387	Price type qualifier	C an..3	N	
5284	Unit price basis	C n..9	R	Number of units that corresponds to the unit price
6411	Measure unit qualifier	C an..3	R	
5213	Sub-line price change, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to specify price information for the current line item.				
Example :				
PRI+AAA:8.31:::1000:PCE'				
Net price of 8.31 (excluding tax) to be used for calculation purposes. This price includes all allowances and charges.				



SG29		RFF-DTM		
DTM - M		1 - Date/time/period		
Function :		To specify date, and/or time, or period.		
Segment number :		23		
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	171 = Reference date
2380	Date/time/period	C an..35	R	Date
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example : DTM+171:20040401:102'				
Example : RFF+AAK:1BL0410716'				

SG29		RFF-DTM		
RFF - M		1 - Reference		
Function :		To specify a reference.		
Segment number :		24		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M	ON = Order number
1154	Reference number	C an..35	R	VALEO order number
1156	Line number	C an..6	N	
4000	Reference version number	C an..35	N	
<u>Segment Notes.</u>				
Example : RFF+ON:5500000033'				

SG29		RFF-DTM		
DTM - M		1 - Date/time/period		
Function :		To specify date, and/or time, or period.		
Segment number :		25		
		EDIFACT	VALEO	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M	171 = Reference date
2380	Date/time/period	C an..35	R	Date
2379	Date/time/period format qualifier	C an..3	R	102 = CCYYMMDD
<u>Segment Notes.</u>				
Example :				
DTM+171:20040401:102'				

SG33		TAX-MOA-LOC		
TAX - M		1 - Duty/tax/fee details		
Function		: To specify relevant duty/tax/fee information.		
Segment number		: 26		
		EDIFACT	VALEO	Description
5283	Duty/tax/fee function qualifier	M an..3	M	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	R	
5153	Duty/tax/fee type, coded	C an..3	R	VAT = Value added tax
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5152	Duty/tax/fee type	C an..35	N	
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	N	
5289	Duty/tax/fee account identification	M an..6		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
5286	Duty/tax/fee assessment basis	C an..15		
C243	DUTY/TAX/FEE DETAIL	C	R	
5279	Duty/tax/fee rate identification	C an..7	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5278	Duty/tax/fee rate	C an..17	R	The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5305	Duty/tax/fee category, coded	C an..3	R	Category of VAT
3446	Party tax identification number	C an..20	N	
<u>Segment Notes.</u>				
This segment is used to specify the total taxes or duties due on the complete invoice. In France, use ODDC010 for in data element 5305.				
Example : TAX+7+VAT++++:::19,6+200'				

SG34		NAD-LOC		
LOC - M		1 -		
Function	:	To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.		
Segment number	:	28		
		EDIFACT	VALEO	Description
3227	Place/Location qualifier	M an..3	M	11 = Place of discharge
C517	LOCATION ID	C	R	
3225	Place/Location Id	C an..25	R	
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
3224	Place/Location	C an..70		
C519	RELATED LOCATION ONE ID	C	N	
3223	Related place/location one Id	C an..25		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
3222	Related place/location one	C an..70		
C553	RELATED LOCATION TWO ID	C	N	
3223	Related place/location Id	C an..25		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
3222	Related place/location two	C an..70		
5479	Relation, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to identify parties which are valid only for the current line item.				
Example :				
LOC+11+ETAPLES'				
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	R	
<u>Segment Notes.</u>				
This segment is used to identify parties which are valid only for the current line item.				
Example :				
NAD+CN+9555002930010::10+ROUTE DE MONTREUIL:X:62630:ETAPLES+VALEO E.E.M++++FR'				



UNS - M 1 - SECTION CONTROL				
Function : To separate header, detail, and summary sections of a message.				
Segment number : 29				
		EDIFACT	VALEO	Description
0081	Section identification	M a1	M	S = Detail/summary section separation
<u>Segment Notes.</u>				
Example : UNS+S'				

SG48		MOA		
MOA - M		1 - Monetary amount		
Function :		To specify a monetary amount.		
Segment number :		30_32		
		EDIFACT	VALEO	Description
C516	MONETARY AMOUNT	M	M	
5025	Monetary amount type qualifier	M an..3	M	79 = Total line items amount 77 = Invoice amount 176 = Message total duty/tax/fee amount
5004	Monetary amount	C n..18	R	
6345	Currency, coded	C an..3	N	
6343	Currency qualifier	C an..3	N	
4405	Status, coded	C an..3	N	
<u>Segment Notes.</u>				
This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.				
<u>IT MUST BE REPEATED AT 3 TIMES :</u>				
- ONE REPETITION WITH 5025=79 ; this repetition contains the total line amount before tax. It is the sum of all MOA segment in detail section,				
- ONE REPETITION WITH 5025=77 ; this repetition contains the total line amounts + tax amount,				
- ONE REPETITION WITH 5025=176 , it is the VAT amount or 0 if no tax applicable.				
Example :				
MOA+79:2004.48'				
MOA+77:2397.36'				
MOA+176:392.88'				

SG50		TAX-MOA		
TAX - M		1 - Duty/tax/fee details		
Function		: To specify relevant duty/tax/fee information.		
Segment number		: 33		
		EDIFACT	VALEO	Description
5283	Duty/tax/fee function qualifier	M an..3	M	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	R	
5153	Duty/tax/fee type, coded	C an..3	R	VAT = Value added tax
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5152	Duty/tax/fee type	C an..35	N	
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	N	
5289	Duty/tax/fee account identification	M an..6		
1131	Code list qualifier	C an..3		
3055	Code list responsible agency, coded	C an..3		
5286	Duty/tax/fee assessment basis	C an..15		
C243	DUTY/TAX/FEE DETAIL	C	R	
5279	Duty/tax/fee rate identification	C an..7	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5278	Duty/tax/fee rate	C an..17	R	The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	N	
1131	Code list qualifier	C an..3	N	
3055	Code list responsible agency, coded	C an..3	N	
5305	Duty/tax/fee category, coded	C an..3	R	Category of VAT
3446	Party tax identification number	C an..20	N	
<u>Segment Notes.</u>				
This segment is used to specify the total taxes or duties due on the complete invoice. In France, use ODDC010 for in data element 5305.				
Example :				
TAX+7+VAT++++:19,6+200'				

SG50-		TAX-MOA		
MOA - M		2 - Monetary amount		
Function :		To specify a monetary amount.		
Segment number :		34_35		
		EDIFACT	VALEO	Description
C516	MONETARY AMOUNT	M	M	
5025	Monetary amount type qualifier	M an..3	M	124 = Tax amount 125 = Taxable amount
5004	Monetary amount	C n..18	R	
6345	Currency, coded	C an..3	N	
6343	Currency qualifier	C an..3	O	
4405	Status, coded	C an..3	N	
<p><u>Segment Notes.</u></p> <p>This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.</p> <p><u>TWO REPETITIONS OF THIS SEGMENT ARE MANDATORY:</u></p> <ul style="list-style-type: none"> - ONE REPETITION WITH 5025=124, - ONE REPETITION WITH 5025=125. <p>Example :</p> <p>MOA+124:392.88'</p> <p>MOA+125:2004.48'</p>				

UNT - M		1 - MESSAGE TRAILER		
Function :		To end and check the completeness of a message.		
Segment number :		36		
		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+31+1'				

6 EXAMPLE OF INVOIC MESSAGE

UNH+1+INVOIC:D:96A:UN'	Message header
BGM+380+1FV0401336+9'	Invoice message number
DTM+137:20040409:102'	Document date is 9th of April 2004
FTX+REG+++ SKF FRANCE:SOCIETE ANONYME:CAPITAL 41850000 EUROS:B 552048837 VERSAILLES'	Regulatory information
FTX+AAI+++TVA ACQUITTEE SUR LES DEBITS:EN CAS DE PAIEMENT ANTICIPE:UN ESCOMPTE DE 1% PAR MOIS'	General information
NAD+BY+09319555002931125::10+ROUTE DE MONTREUIL::62630: ETAPLES SUR MER+VALEO DIV.ALTERNATEURS+++++FR'	The buyer is identified by the Odette code
RFF+VA:FR 56 95 55 00 29'	VAT registration number of the buyer
NAD+IV+09319555002931125::10+ROUTE DE MONTREUIL::62630: ETAPLES SUR MER+VALEO DIV.ALTERNATEURS+++++FR'	The invoice is identified by the Odette code
NAD+SE+0931314397696::10+DEP. TRANSMISSIONS BP 423:37304: JOUE-LES-TOURS CEDEX+++++FR'	The seller is identified by the Odette code
RFF+ADE:72332'	VALEO internal number of the seller
RFF+VA:FR20314397696'	VAT registration number of the seller
CUX+2:EUR:4'	Invoicing currency is Euro
PAT+1'	Payment terms are basic
DTM+140:20040810:102'	Payment due date is 10 th of August 2004
LIN+1++2546997:IN'	The first product is identified by the VALEO article number 2546997
PIA+1+SB482000:SA'	The supplier number of this product is SB482000
IMD++++::2546997'	First article description
QTY+47:8000:PCE'	Invoiced quantity is 8000 pieces
MOA+203:66.48'	Line item amount is 66.48 €
PRI+AAA:8.31::1000:PCE'	Unit price = 8.31 for 1000 pieces
RFF+AAK:1BL0410716'	Dispatch advice number is 1BL0410716
DTM+171:20040401:102'	Dispatch advice date is 1 st of April 2004
RFF+ON:5500000033'	Order number is 5500000033
DTM+171:20040401:102'	Order date is 1 st of April 2004
TAX+7+VAT++++::19.6+200'	
NAD+CN+9555002930010::10+ROUTE MONTREUIL:X:62630:ETAPLES+VALEO E.E.M+++++FR'	Consignee information
LOC+11+ETAPLES	
LIN+2++2549801:IN'	The first product is identified by the VALEO article number 2549801
PIA+1+SB483000:SA'	The supplier number of this product is SB483000
IMD++++::2549801'	Second article description
QTY+47:320:PCE'	Invoiced quantity is 320 pieces
MOA+203:75.36'	Line item amount is 75.36 €
PRI+AAA:235.51::1000:PCE'	Unit price = 235.51 for 1000 pieces
RFF+AAK:1BL0410716'	Dispatch advice number is 1BL0410716
DTM+171:20040401:102'	Dispatch advice date is 1 st of April 2004
RFF+ON:0000010079'	Order number is 0000010079
DTM+171:20040401:102'	Order date is 1 st of April 2004
TAX+7+VAT++++::19.6+200'	
NAD+CN+9555002930010::10+ROUTE MONTREUIL:X:62630:ETAPLES+VALEO	Consignee information



E.E.M++++FR'	
LOC+11+ETAPLES	
UNS+S'	
MOA+77:169.64	Invoice amount = $141.84 + 27.80 = 169.64$
MOA+79:141.84'	Total line item amount = $66.48 + 75.36 = 141.84$
MOA+176:27.80'	Total item tax amount = $141.84 * 19.6\% = 27.80$
TAX+7+VAT++++:19.6+200'	
MOA+124:27.80'	Tax amount = 27.80
MOA+125:141.84'	Taxable amount = 141.84
UNT+48+1'	