



EDI IMPLEMENTATION GUIDELINE

INVOIC D96A SELFBILLING

History of changes

Version	Date	Author	Reason of change	Chapter / Page
1.0	12/10/2007	J. Duroy	Initial version	

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1 THE SELFBILLING INVOIC MESSAGE

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 SELFBILLING INVOIC without the necessity for any additional standard related documentation.

2 STATUS

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

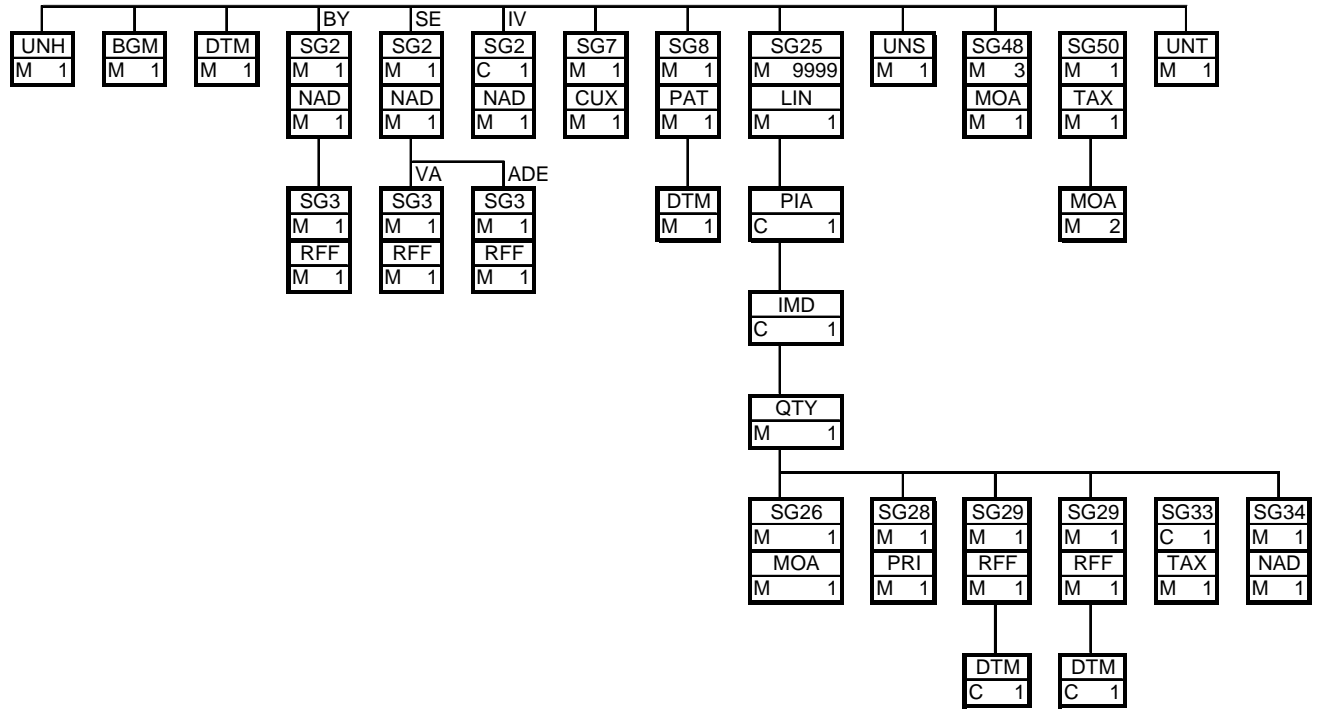
3 PRINCIPLES

The main message running rules are the following.

2 MESSAGE STRUCTURE CHART

Invoice Header Section			
UNH	M	1	MESSAGE HEADER
BGM	M	1	Beginning of message
DTM	M	1	Date/time/period
SG2	M	1	NAD-LOC-FII-SG3-SG4-SG5
NAD	M	1	Name and address
SG3	M	1	RFF-DTM
RFF	M	1	Reference
SG2	M	1	NAD-LOC-FII-SG3-SG4-SG5
NAD	M	1	Name and address
SG3	M	1	RFF-DTM
RFF	M	1	Reference
SG3	M	1	RFF-DTM
RFF	M	1	Reference
SG2	C	1	NAD-LOC-FII-SG3-SG4-SG5
NAD	M	1	Name and address
SG7	M	1	CUX-DTM
CUX	M	1	Currency
SG8	M	1	PAT-DTM-PCD-MOA-PAI-FII
PAT	M	1	Payment terms basis
DTM	M	1	Date/time/period
Invoice Detail Section			
SG25	M	9999	LIN-PIA-IMD-MEA-QTY-PCD-ALI-FTM-GIN-GIR-QVR-EQD-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47
LIN	M	1	Line item
PIA	C	1	Additional product id
IMD	C	1	Item description
QTY	M	1	Quantity
SG26	M	1	MOA-CUX
MOA	M	1	Monetary amount
SG28	M	1	PRI-APR-RNG-DTM
PRI	M	1	Price details
SG29	M	1	RFF-DTM
RFF	M	1	Reference
DTM	C	1	Date/time/period
SG29	M	1	RFF-DTM
RFF	M	1	Reference
DTM	C	1	Date/time/period
SG33	C	1	TAX-MOA-LOC
TAX	M	1	Duty/tax/fee detail
SG34	M	1	NAD-LOC-SG35-SG36-SG37
NAD	M	1	Name and address
UNS	M	1	SECTION CONTROL
Invoice Summary Section			
SG48	M	3	MOA-SG49
MOA	M	1	Monetary amount
SG50	M	1	TAX-MOA
TAX	C	1	Duty/tax/fee detail
MOA	M	2	Monetary amount
UNT	M	1	MESSAGE TRAILER

3 BRANCHING DIAGRAM



4 SEGMENTS DESCRIPTION

Invoice Heading Section

UNH, Message header

A service segment starting and uniquely identifying a message.

Note: Selfbilling Invoice messages conforming to this document will contain the following data in segment UNH, composite S009:

Data element	0065	INVOIC
	0052	D
	0054	96A
	0051	UN

BGM, Beginning of message

A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

DTM, Date/time/period

A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date".

The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.

Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5

A group of segments identifying the parties with associated information.

NAD, Name and address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Segment Group 3: RFF-DTM

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

RFF, Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

Segment Group 7: 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, Currencies

A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

Segment Group 8: [PAT](#)-[DTM](#)-[PCD](#)-[MOA](#)-[PAI](#)-[FII](#)

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

[PAT](#), Payment terms basis

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

[DTM](#), Date/time/period

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

Invoice Detail Section

Segment Group 25: [LIN](#)-[PIA](#)-[IMD](#)-[MEA](#)-[QTY](#)-[PCD](#)-[ALI](#)-[FTM](#)-[GIN](#)-[GIR](#)-[QVR](#)-[EQD](#)-[FTX](#)-[SG26](#)-[SG27](#)-[SG28](#)-[SG29](#)-[SG30](#)-[SG32](#)-[SG33](#)-[SG34](#)-[SG38](#)-[SG44](#)-[SG46](#)-[SG47](#)

A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

[LIN](#), Line item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

[PIA](#), Additional product id

A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

[IMD](#), Item description

A segment for describing the product or service being invoiced as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

[QTY](#), Quantity

A segment identifying the product quantities e.g. invoiced quantity.

Segment Group 26: [MOA](#)-[CUX](#)

A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

[MOA](#), Monetary amount

A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

Segment Group 28: [PRI](#)-[APR](#)-[RNG](#)-[DTM](#)

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

[PRI](#), Price details

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price type qualifier".

Segment Group 29: [RFF](#)-[DTM](#)

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

[RFF](#), Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

[DTM](#), Date/time/period

A segment specifying the date/time related to the reference.

Segment Group 33: [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](#), Duty/tax/fee details

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

Segment Group 34: [NAD-LOC-SG35-SG36-SG37](#)

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

[NAD](#), Name and address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the line item.

It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

[UNS](#)

A service segment placed at the start of the detail section to avoid segment collision.

Invoice Summary Section

Segment Group 48: [MOA-SG49](#)

A group of segments giving total amounts for the whole invoice

[MOA](#), Monetary amount

A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Segment Group 50: [TAX-MOA](#)

A group of segments specifying taxes totals for the invoice.

[TAX](#), Duty/tax/fee details

A segment specifying the tax type to be summarized.

[MOA](#), Monetary amount

A segment specifying the summary amount for the tax specified.

[UNT](#), 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.

5 SEGMENTS LAYOUT

This section describes each segment used in the VALEO. 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.				
		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 a.1		
<p><u>Segment Notes.</u> 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+19508679+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.		
		EDIFACT	VALEO	Description
C002	DOCUMENT/MESSAGE NAME	C	R	
1001	Document/message name, coded	C an.3	R	389 = Self-billed 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 Valeo.
1225	Message function, coded	C an.3	N	
4343	Response type, coded	C an.3	N	
<u>Segment Notes.</u>				
Example: BGM+389+5105679763'				

DTM - M 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
		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+137:20071012:102'				

SG2		NAD-LOC-FII-SG3-SG4-SG5		
NAD - M		1 - Name and address		
Function		: To specify the name/address and their related function		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an.3	M	BY = Buyer
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an.35	M	
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	C	
3124	Name and address line	M an.35	C	Name of the buyer
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
C080	PARTY NAME	C	N	
3036	Party name	M an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3045	Party name format, coded	C an.3		
C059	STREET	C	C	
3042	Street and number/p.o. box	M an.35	M	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3164	City name	C an.35	C	
3229	Country sub-entity identification	C an.9	N	
3251	Postcode identification	C an.9	C	
3207	Country, coded	C an.3	C	ISO 3166 two alpha
<u>Segment Notes.</u>				
Example :				
NAD+BY+0931342192044 ::10+VALEO SECURITE HABITACLE S.A.S.++4 QUAI DE LA JONCTION+NEVERS CEDEX++58004+FR'				

SG3		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
		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:FR51403860968'				

SG2		NAD-FII-SG3		
NAD - M		1 - Name and address		
Function		: To specify the name/address and their related function		
		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	10 = Odette Code
C058	NAME AND ADDRESS	C	C	
3124	Name and address line	M an.35	C	Name of the seller
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
C080	PARTY NAME	C	N	
3036	Party name	M an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3045	Party name format, coded	C an.3		
C059	STREET	C	C	
3042	Street and number/p.o. box	M an.35	M	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3164	City name	C an.35	C	
3229	Country sub-entity identification	C an.9	N	
3251	Postcode identification	C an.9	C	
3207	Country, coded	C an.3	C	ISO 3166 two alpha
<u>Segment Notes.</u>				
Example : NAD+SE+0931403860968::10+JOHNSON CONTROLS AUTOMOTIVE EL++18 CHAUSSEE JULES CESAR, 46837+OSNY++95520+FR'				

SG3		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
		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 seller
1156	Line number	C an.6	N	
4000	Reference version number	C an.35	N	
<u>Segment Notes.</u>				
Example :				
RFF+VA:FR27017251067'				

SG3-		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
		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:0000100794'				

SG2		NAD-LOC-FII-SG3-SG4-SG5		
NAD - C		1 - Name and address		
Function		: To specify the name/address and their related function		
		EDIFACT	VALEO	Description
3035	Party qualifier	M an.3	M	IV = Invoicee
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	10 = Odette Code
C058	NAME AND ADDRESS	C	C	
3124	Name and address line	M an.35	C	Invoicee name
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
C080	PARTY NAME	C	N	
3036	Party name	M an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3045	Party name format, coded	C an.3		
C059	STREET	C	C	
3042	Street and number/p.o. box	M an.35	M	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3164	City name	C an.35	C	
3229	Country sub-entity identification	C an.9	N	
3251	Postcode identification	C an.9	C	
3207	Country, coded	C an.3	C	ISO 3166 two alpha
<u>Segment Notes.</u>				
Example : NAD+IV+0931403860968::10+JOHNSON CONTROLS AUTOMOTIVE EL++18 CHAUSSEE JULES CESAR, 46837+OSNY++95520+FR'				

SG7		CUX-DTM		
CUX - M		1 - Currencies		
Function		: To specify currencies used in the transaction and relevant details for the rate of exchange.		
		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	
6343	Currency qualifier	C an.3	R	4 = Invoicing currency
6348	Currency rate base	C n.4		
C504	CURRENCY DETAILS	C		
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		
6341	Currency market exchange, coded	C an.3		
<u>Segment Notes.</u>				
Example : CUX+2:EUR:4'				

SG8		PAT-DTM-PCD-MOA-PAI-FII		
PAT - M		1 - Payment terms basis		
Function		: To specify the payment terms basis.		
		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		
<p><u>Segment Notes.</u></p> <p>Example : PAT+1'</p>				



SG8		PAT-DTM-PCD-MOA-PAI-FII		
DTM - M		1 - Date/time/period		
Function		: To specify date, and/or time, or period.		
		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+140:20071011:102'				

SG25-		LIN-PIA-IMD-MEA-QTY-PCD-ALI-FTM-GIN-GIR-QVR-EQD-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47		
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
		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 = Buyer's item number
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++N0502069:IN'				

SG25-		LIN-PIA-IMD-MEA-QTY-PCD-ALI-FTM-GIN-GIR-QVR-EQD-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47		
PIA - C		1 - Additional product id		
Function		: To specify additional or substitution item identification codes.		
		EDIFACT	VALEO	Description
4347	Product id. function qualifier	M an.3	M	1 = Additional identification
C212	ITEM IDENTIFICATION NUMBER	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-MEA-QTY-PCD-ALI-FTM-GIN-GIR-QVR-EQD-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47		
IMD - C		1 - Item description		
Function		: To describe an item in either an industry or free format.		
		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++++:::TETE DE CLE J77 3 BOUTONS'				

SG25		LIN-PIA-IMD-MEA-QTY-PCD-ALI-FTM-GIN-GIR-QVR-EQD-FTX- SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47		
QTY - M		1 - Quantity		
Function		: To specify a pertinent quantity.		
		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+47:150:PCE'				

SG26		MOA-CUX		
MOA - M		1 - Monetary amount		
Function		: To specify a monetary amount.		
		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	
<p><u>Segment Notes.</u> This segment is used to specify monetary amounts related to the current line item. Example : MOA+203:610.05'</p>				

SG28		PRI-APR-RNG-DTM		
PRI - M		1 - Price details		
Function		: To specify price information.		
		EDIFACT	VALEO	Description
C509	PRICE INFORMATION	C	R	
5125	Price qualifier	M an.3	M	AAA = Calculation net
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	N	
5213	Sub-line price change, coded	C an.3	N	
<p><u>Segment Notes.</u> This segment is used to specify price information for the current line item. Example : PRI+AAA:4067.00:::1000' Net price of 4067.00 (excluding tax) to be used for calculation purposes. This price includes all allowances and charges.</p>				

SG29		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
		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	
<p><u>Segment Notes.</u></p> <p>Example : RFF+ON:5500005635'</p>				



SG29		RFF-DTM		
DTM - C		1 - Date/time/period		
Function		: To specify date, and/or time, or period.		
		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+171:20071001:102'				

SG29-		RFF-DTM		
RFF - M		1 - Reference		
Function		: To specify a reference.		
		EDIFACT	VALEO	Description
C506	REFERENCE	M	M	
1153	Reference qualifier	M an.3	M	AAK = Despatch advice 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></p> <p>Example : RFF+AAK:BL85225'</p>				

SG29		RFF-DTM		
DTM - C		1 - Date/time/period		
Function		: To specify date, and/or time, or period.		
		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
<p><u>Segment Notes.</u></p> <p>Example : DTM+171:20071005:102'</p>				

SG33		TAX-MOA-LOC		
TAX - C		1 - Duty/tax/fee details		
Function		: To specify relevant duty/tax/fee information.		
		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	N	
3446	Party tax identification number	C an.20	N	
<u>Segment Notes.</u>				
This segment is used to specify the total taxes related to the line item.				
Example :				
TAX+7+VAT+++:::19.60'				

SG34		NAD-LOC-SG35-SG36-SG37		
NAD - M		1 - Name and address		
Function		: To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.		
		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	
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	C	
3124	Name and address line	M an.35	C	Consignee name
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
3124	Name and address line	C an.35	N	
C080	PARTY NAME	C	N	
3036	Party name	M an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3036	Party name	C an.35		
3045	Party name format, coded	C an.3		
C059	STREET	C	C	
3042	Street and number/p.o. box	M an.35	M	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3042	Street and number/p.o. box	C an.35	N	
3164	City name	C an.35	C	
3229	Country sub-entity identification	C an.9	N	
3251	Postcode identification	C an.9	C	
3207	Country, coded	C an.3	C	
<p>Segment Notes.</p> <p>This segment is used to identify parties which are valid only for the current line item.</p> <p>Example :</p> <p>NAD+CN+0931342192044 ::10+VALEO SECURITE HABITACLE S.A.S.++4 QUAI DE LA JONCTION+NEVERS CEDEX++58004+FR'</p>				

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

SG48		MOA-SG49		
MOA - M		3 - Monetary amount		
Function		: To specify a monetary amount.		
		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+79:20248.95'				
MOA+77:24217.74'				
MOA+176:3968.79'				

SG50		TAX-MOA		
TAX - C		1 - Duty/tax/fee details		
Function		: To specify relevant duty/tax/fee information.		
		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	N	
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.				
Example :				
TAX+7+VAT+++:::19,6'				

SG50-		TAX-MOA		
MOA - M		2 - Monetary amount		
Function		: To specify a monetary amount.		
		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	N	
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+125:20248.95'</p> <p>MOA+124:3968.79'</p>				

UNT - M 1 - MESSAGE TRAILER				
Function : To end and check the completeness of a message.				
		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.
<p><u>Segment Notes.</u> This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.</p> <p>Example : UNT+31+1'</p>				

6 EXAMPLE OF SELFBILLING INVOIC MESSAGE

UNH+19508679+INVOIC:D:96A:UN'	Message header
BGM+389+5105679763'	Invoice message number
DTM+137:20071012:102'	Document date is 12th of October 2007
NAD+BY+0931342192044::10+VALEO SECURITE HABITACLE S.A.S.++4 QUAI DE LA JONCTION+NEVERS CEDEX++58004+FR'	The buyer is identified by the Odette code
RFF+VA:FR51403860968'	VAT registration number of the buyer
NAD+SE+0931403860968::10+JOHNSON CONTROLS AUTOMOTIVE EL++18 CHAUSSEE JULES CESAR, 46837+OSNY++95520+FR'	The seller is identified by the Odette code
RFF+VA:FR27017251067'	VAT registration number of the seller
RFF+ADE:0000100794'	VALEO internal number of the seller
NAD+IV+0931403860968::10+JOHNSON CONTROLS AUTOMOTIVE EL++18 CHAUSSEE JULES CESAR, 46837+OSNY++95520+FR'	The invoicee is identified by the Odette code
CUX+2:EUR:4'	Invoicing currency is Euro
PAT+1'	Payment terms are basic
DTM+140:20071011:102'	Payment due date is 11 th of October 2007
LIN+1++N0502069:IN'	The first product is identified by the VALEO article number N0502069
PIA+1+SB482000:SA'	The supplier number of this product is SB482000
IMD+++::TETE DE CLE J77 3 BOUTONS'	First article description
QTY+47:150:PCE'	Invoiced quantity is 150 pieces
MOA+203:610.05'	Line item amount is 610.05 euros
PRI+AAA:4067.00:::1000'	Unit price = 4067.00 for 1000 pieces
RFF+ON:5500005635'	Order number is 5500005635
DTM+171:20071001:102'	Order date is 1 st of October 2007
RFF+AAK:BL85225'	Dispatch advice number is BL85225
DTM+171:20071005:102'	Dispatch advice date is 5th of October 2007
TAX+7+VAT+++:::19.6'	
NAD+CN+0931342192044::10+VALEO SECURITE HABITACLE S.A.S.++4 QUAI DE LA JONCTION+NEVERS CEDEX++58004+FR'	Consignee information
LIN+2++N0502070:IN'	The second product is identified by the VALEO article number N0502070
PIA+1+SB483000:SA'	The supplier number of this product is SB483000
IMD+++::TETE DE CLE J77 2 BOUTONS'	Second article description
QTY+47:100:PCE'	Invoiced quantity is 100 pieces
MOA+203:396.6'	Line item amount is 396.6 €
PRI+AAA:3966.00:::1000'	Unit price = 3966.00 for 1000 pieces
RFF+ON: 5500005636'	Order number is 5500005636
DTM+171:20071001:102'	Order date is 1 st of October 2007
RFF+AAK: BL85225 '	Dispatch advice number is BL85225
DTM+171:20071005:102'	Dispatch advice date is 5th of October 2007
TAX+7+VAT+++:::19.6'	
NAD+CN+0931342192044::10+VALEO SECURITE HABITACLE S.A.S.++4 QUAI DE LA JONCTION+NEVERS CEDEX++58004+FR'	Consignee information
UNS+S'	
MOA+79:1006.65'	Total line item amount = 610.05 + 396.6 = 1006.65
MOA+77:1203.95'	Invoice amount = 1006.65 + 197.30 = 1203.95
MOA+176:197.3'	Total item tax amount = 1006.65 * 19.6% = 197.3



TAX+7+VAT+++:::19.6'	
MOA+125: 1006.65'	Taxable amount = 197.3
MOA+124:197.3'	Tax amount = 197.3
UNT+44+19508679'	

END OF DOCUMENT
