

EDI guidelines

INVOIC D 96A - KRAMP



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Table of Contents

1	Introduction	3
2	Schema structure	4
3	UNB (INTERCHANGE HEADER).....	5
4	Message	8
4.1	UNH (MESSAGE HEADER)	9
4.2	BGM (BEGINNING OF MESSAGE).....	11
4.3	DTM (DATE/TIME/PERIOD)	12
4.4	FTX (FREE TEXT)	13
4.5	SG1.....	14
4.5.1	RFF (REFERENCE)	15
4.5.2	DTM (DATE/TIME/PERIOD)	16
4.6	SG2.....	17
4.6.1	NAD (NAME AND ADDRESS).....	18
4.6.2	SG3.....	20
4.6.2.1	RFF (REFERENCE)	21
4.7	SG7.....	22
4.7.1	CUX (CURRENCIES)	23
4.8	SG25.....	25
4.8.1	LIN (LINE ITEM)	26
4.8.2	PIA (ADDITIONAL PRODUCT ID)	27
4.8.3	IMD (ITEM DESCRIPTION).....	28
4.8.4	QTY (QUANTITY).....	29
4.8.5	SG26.....	30
4.8.5.1	MOA (MONETARY AMOUNT)	31
4.8.6	SG28.....	32
4.8.6.1	PRI (PRICE DETAILS).....	33
4.8.7	SG29.....	34
4.8.7.1	RFF (REFERENCE)	35
4.8.7.2	DTM (DATE/TIME/PERIOD)	36
4.8.8	SG33.....	37
4.8.8.1	TAX (DUTY/TAX/FEE DETAILS).....	38
4.8.8.2	MOA (MONETARY AMOUNT)	40
4.9	UNS (SECTION CONTROL).....	41
4.10	SG48.....	42
4.10.1	MOA (MONETARY AMOUNT)	43
4.11	SG50.....	45
4.11.1	TAX (DUTY/TAX/FEE DETAILS).....	46
4.11.2	MOA (MONETARY AMOUNT)	48
5	Example.....	49

1 Introduction

The following documentation contains the description of the EDI message "Invoices D96 A" as used for an exchange of order messages between Kramp and its trading partners.

With the EDIFACT INVOIC D96 A, the order data are transferred in a quick, safe and economic manner.

General explanations and definitions regarding EDIFACT are omitted here as well as listing advantages of electronic data interchange. This information can be taken from manuals treating EDI.

Please also take notice that the Invoice Implementation Guide document only describes the definition of the individual fields of the INVOIC message and its characteristic for Kramp.

2 Schema structure

UNT	1	1	MESSAGE TRAILER
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3 UNB (INTERCHANGE HEADER)

To start, identify and specify an interchange.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
0001	Syntax identifier	M A4	M A4	<p>Coded identification of the agency controlling a syntax and syntax level used in an interchange.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>UNOC</td> <td>UN/ECE level C</td> </tr> <tr> <td colspan="2">As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.</td> </tr> </table>	Code	Description	UNOC	UN/ECE level C	As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.	
Code	Description									
UNOC	UN/ECE level C									
As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.										
0002	Syntax version number	M N1	M N1	<p>Version number of the syntax identified in the syntax identifier (0001)</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>3</td> <td>Version 3</td> </tr> <tr> <td colspan="2">ISO 9735 Amendment 1:1992.</td> </tr> </table>	Code	Description	3	Version 3	ISO 9735 Amendment 1:1992.	
Code	Description									
3	Version 3									
ISO 9735 Amendment 1:1992.										
S002	INTERCHANGE SENDER	M	M	<p>Identification of the sender of the interchange.</p> <p>Max. occurrences is 1.</p>						
0004	Sender identification	M AN..35	M AN..35	Name or coded representation of the sender of a data interchange.						
0007	Partner identification code qualifier	O AN..4	M AN..4	<p>Qualifier referring to the source of codes for the identifiers of interchanging partners.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>ZZ</td> <td></td> </tr> </table>	Code	Description	ZZ			
Code	Description									
ZZ										

Label	Name	Standard	Impl	Comment				
				<p>14 GS1</p> <p>Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.</p> <p>OD</p>				
0008	Address for reverse routing	O AN..14	Not used					
S003	INTERCHANGE RECIPIENT	M	M	<p>Identification of the recipient of the interchange.</p> <p>Max. occurrences is 1.</p>				
0010	Recipient identification	M AN..35	M AN..35	Name or coded representation of the recipient of a data interchange.				
0007	Partner identification code qualifier	O AN..4	O AN..4	<p>Qualifier referring to the source of codes for the identifiers of interchanging partners.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>14</td> <td> <p>GS1</p> <p>Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.</p> </td> </tr> </tbody> </table>	Code	Description	14	<p>GS1</p> <p>Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.</p>
Code	Description							
14	<p>GS1</p> <p>Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.</p>							
0014	Routing address	O AN..14	Not used					
S004	DATE/TIME OF PREPARATION	M	M	<p>Date/time of preparation of the interchange.</p> <p>Max. occurrences is 1.</p>				
0020	Interchange control reference	M AN..14	M AN..14	Unique reference assigned by the sender to an interchange.				
0031	Acknowledge	O N1	O N1	Code determined by the sender for				

Label	Name	Standard	Impl	Comment
	ment request			acknowledgement of the interchange. Code Description 1 Requested Acknowledgement is requested.

4 Message

This segment group is mandatory here.
Max. occurrences is "unbound".

4.1 UNH (MESSAGE HEADER)

To head, identify and specify a message.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
0065	Message type	M AN..6	M AN..6	Code identifying a type of message and assigned by its controlling agency. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>INVOIC</td> <td>Invoice message</td> </tr> </table> <p>A code to identify the invoice message.</p>	Code	Description	INVOIC	Invoice message
Code	Description							
INVOIC	Invoice message							
0052	Message version number	M AN..3	M AN..3	Version number of a message type. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>D</td> <td>Draft version/UN/EDIFACT Directory</td> </tr> </table> <p>Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).</p>	Code	Description	D	Draft version/UN/EDIFACT Directory
Code	Description							
D	Draft version/UN/EDIFACT Directory							
0054	Message release number	M AN..3	M AN..3	Release number within the current message type version number (0052). <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>96A</td> <td>Release 1996 - A</td> </tr> </table> <p>Message approved and issued in the first 1996 release of the UNTDID (United Nations Trade Data Interchange Directory).</p>	Code	Description	96A	Release 1996 - A
Code	Description							
96A	Release 1996 - A							
0051	Controlling agency	M AN..2	M AN..2	Code to identify the agency controlling the specification, maintenance and publication of the message type.				

Label	Name	Standard	Impl	Comment						
				<table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>UN</td> <td>UN/CEFACT</td> </tr> <tr> <td></td> <td>United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).</td> </tr> </table>	Code	Description	UN	UN/CEFACT		United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).
Code	Description									
UN	UN/CEFACT									
	United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).									
0057	Association assigned code	O AN..6	O AN..6	<p>A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>EAN008</td> <td>EAN version control number</td> </tr> </table>	Code	Description	EAN008	EAN version control number		
Code	Description									
EAN008	EAN version control number									

4.2 BGM (BEGINNING OF MESSAGE)

To indicate the type and function of a message and to transmit the identifying number.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
1001	Document/message name, coded	O AN..3	M AN..3	Document/message identifier expressed in code. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>380</td> <td>Commercial invoice</td> </tr> <tr> <td></td> <td>Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.</td> </tr> </table>	Code	Description	380	Commercial invoice		Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.
Code	Description									
380	Commercial invoice									
	Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.									
1131	Code list qualifier	O AN..3	Not used	Code identifying the agency responsible for a code list. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>9</td> <td>EAN (International Article Numbering association)</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table>	Code	Description	9	EAN (International Article Numbering association)		Self explanatory.
Code	Description									
9	EAN (International Article Numbering association)									
	Self explanatory.									
3055	Code list responsible agency, coded	O AN..3	O AN..3							
1000	Document/message name	O AN..35	Not used							
1004	Document/message number	O AN..35	M AN..35	Reference number assigned to the document/message by the issuer.						

4.3 DTM (DATE/TIME/PERIOD)

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

This segment is mandatory here.

Max. occurrences is 3.

Label	Name	Standard	Impl	Comment								
2005	Date/time/period qualifier	M AN..3	M AN..3	<p>Code giving specific meaning to a date, time or period. DTM+137 is mandatory</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>137</td> <td> <p>Document/message date/time</p> <p>(2006) Date/time when a document/message is issued. This may include authentication.</p> </td> </tr> <tr> <td>35</td> <td> <p>Delivery date/time, actual</p> <p>Date/time on which goods or consignment are delivered at their destination.</p> </td> </tr> <tr> <td>11</td> <td> <p>Despatch date and or time</p> <p>(2170) Date/time on which the goods are or are expected to be despatched or shipped.</p> </td> </tr> </tbody> </table>	Code	Description	137	<p>Document/message date/time</p> <p>(2006) Date/time when a document/message is issued. This may include authentication.</p>	35	<p>Delivery date/time, actual</p> <p>Date/time on which goods or consignment are delivered at their destination.</p>	11	<p>Despatch date and or time</p> <p>(2170) Date/time on which the goods are or are expected to be despatched or shipped.</p>
Code	Description											
137	<p>Document/message date/time</p> <p>(2006) Date/time when a document/message is issued. This may include authentication.</p>											
35	<p>Delivery date/time, actual</p> <p>Date/time on which goods or consignment are delivered at their destination.</p>											
11	<p>Despatch date and or time</p> <p>(2170) Date/time on which the goods are or are expected to be despatched or shipped.</p>											
2380	Date/time/period	O AN..35	M AN..35	The value of a date, a date and time, a time or of a period in a specified representation.								
2379	Date/time/period format qualifier	O AN..3	M AN..3	<p>Specification of the representation of a date, a date and time or of a period.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td> <p>CCYYMMDD</p> <p>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</p> </td> </tr> </tbody> </table>	Code	Description	102	<p>CCYYMMDD</p> <p>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</p>				
Code	Description											
102	<p>CCYYMMDD</p> <p>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</p>											

4.4 FTX (FREE TEXT)

To provide free form or coded text information.

This segment is optional here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
4451	Text subject qualifier	M AN..3	M AN..3	Code specifying subject of a free text. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>AAI</td> <td>General information</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table>	Code	Description	AAI	General information		Self explanatory.
Code	Description									
AAI	General information									
	Self explanatory.									
C108	TEXT LITERAL	O	M	Free text; one to five lines. Max. occurrences is 1.						
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							

4.5 SG1

DTM	3	1	DATE/TIME/PERIOD
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This segment group is mandatory here.

Max. occurrences is 3.

4.5.1 RFF (REFERENCE)

To specify a reference.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment										
1153	Reference qualifier	M AN..3	M AN..3	<p>Code giving specific meaning to a reference segment or a reference number.</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ON</td> <td> <p>Order number (purchase)</p> <p>[1022] Reference number assigned by the buyer to an order.</p> </td> </tr> <tr> <td>VN</td> <td> <p>Order number (vendor)</p> <p>Reference number assigned by supplier to a buyer's purchase order.</p> </td> </tr> <tr> <td>AAK</td> <td> <p>Despatch advice number</p> <p>Reference number assigned by issuing party to a despatch advice.</p> </td> </tr> <tr> <td>IV</td> <td> <p>Invoice number</p> <p>[1334] Reference number assigned by the seller to a Commercial Invoice.</p> </td> </tr> </tbody> </table>	Code	Description	ON	<p>Order number (purchase)</p> <p>[1022] Reference number assigned by the buyer to an order.</p>	VN	<p>Order number (vendor)</p> <p>Reference number assigned by supplier to a buyer's purchase order.</p>	AAK	<p>Despatch advice number</p> <p>Reference number assigned by issuing party to a despatch advice.</p>	IV	<p>Invoice number</p> <p>[1334] Reference number assigned by the seller to a Commercial Invoice.</p>
Code	Description													
ON	<p>Order number (purchase)</p> <p>[1022] Reference number assigned by the buyer to an order.</p>													
VN	<p>Order number (vendor)</p> <p>Reference number assigned by supplier to a buyer's purchase order.</p>													
AAK	<p>Despatch advice number</p> <p>Reference number assigned by issuing party to a despatch advice.</p>													
IV	<p>Invoice number</p> <p>[1334] Reference number assigned by the seller to a Commercial Invoice.</p>													
1154	Reference number	O AN..35	M AN..35	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.										
1156	Line number	O AN..6	Not used											
4000	Reference version number	O AN..35	Not used											

4.5.2 DTM (DATE/TIME/PERIOD)

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

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
2005	Date/time/period qualifier	M AN..3	M AN..3	Code giving specific meaning to a date, time or period. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>2</td> <td>Delivery date/time, requested</td> </tr> <tr> <td></td> <td>Date on which buyer requests goods to be delivered.</td> </tr> </table>	Code	Description	2	Delivery date/time, requested		Date on which buyer requests goods to be delivered.
Code	Description									
2	Delivery date/time, requested									
	Date on which buyer requests goods to be delivered.									
2380	Date/time/period	O AN..35	M AN..35	The value of a date, a date and time, a time or of a period in a specified representation.						
2379	Date/time/period format qualifier	O AN..3	M AN..3	Specification of the representation of a date, a date and time or of a period. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> <tr> <td></td> <td>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> </table>	Code	Description	102	CCYYMMDD		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
Code	Description									
102	CCYYMMDD									
	Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.									

4.6 SG2

└ RFF	4	1	REFERENCE
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The minimal occurrence of this segment group is 3.

Max. occurrences is 5.

4.6.1 NAD (NAME AND ADDRESS)

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment														
3035	Party qualifier	M AN..3	M AN..3	<p>Code giving specific meaning to a party. NAD+SU is mandatory NAD+IV is mandatory NAD+BY is mandatory</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>BY</td> <td> <p>Buyer</p> <p>(3002) Party to which merchandise is sold.</p> </td> </tr> <tr> <td>SU</td> <td> <p>Supplier</p> <p>(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.</p> </td> </tr> <tr> <td>IV</td> <td> <p>Invoicee</p> <p>(3006) Party to whom an invoice is issued.</p> </td> </tr> <tr> <td>DP</td> <td> <p>Delivery party</p> <p>(3144) Party to which goods should be delivered, if not identical with consignee.</p> </td> </tr> <tr> <td>SE</td> <td> <p>Seller</p> <p>(3346) Party selling merchandise to a buyer.</p> </td> </tr> <tr> <td>PE</td> <td> <p>Payee</p> <p>Identifies the credit party when other than the beneficiary.</p> </td> </tr> </tbody> </table>	Code	Description	BY	<p>Buyer</p> <p>(3002) Party to which merchandise is sold.</p>	SU	<p>Supplier</p> <p>(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.</p>	IV	<p>Invoicee</p> <p>(3006) Party to whom an invoice is issued.</p>	DP	<p>Delivery party</p> <p>(3144) Party to which goods should be delivered, if not identical with consignee.</p>	SE	<p>Seller</p> <p>(3346) Party selling merchandise to a buyer.</p>	PE	<p>Payee</p> <p>Identifies the credit party when other than the beneficiary.</p>
Code	Description																	
BY	<p>Buyer</p> <p>(3002) Party to which merchandise is sold.</p>																	
SU	<p>Supplier</p> <p>(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.</p>																	
IV	<p>Invoicee</p> <p>(3006) Party to whom an invoice is issued.</p>																	
DP	<p>Delivery party</p> <p>(3144) Party to which goods should be delivered, if not identical with consignee.</p>																	
SE	<p>Seller</p> <p>(3346) Party selling merchandise to a buyer.</p>																	
PE	<p>Payee</p> <p>Identifies the credit party when other than the beneficiary.</p>																	

Label	Name	Standard	Impl	Comment						
3039	Party id. identification	M AN..35	M AN..35	Code identifying a party involved in a transaction.						
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	O AN..3	Code identifying the agency responsible for a code list. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>EAN (International Article Numbering association) Self explanatory.</td> </tr> <tr> <td>92</td> <td>Assigned by buyer or buyer's agent Self explanatory.</td> </tr> </tbody> </table>	Code	Description	9	EAN (International Article Numbering association) Self explanatory.	92	Assigned by buyer or buyer's agent Self explanatory.
Code	Description									
9	EAN (International Article Numbering association) Self explanatory.									
92	Assigned by buyer or buyer's agent Self explanatory.									
3124	Name and address line	M AN..35	M AN..35	Free form name and address description.						
3124	Name and address line	O AN..35	Not used							
3124	Name and address line	O AN..35	Not used							
3036	Party name	O AN..35	Not used							
3036	Party name	O AN..35	Not used							
3036	Party name	O AN..35	Not used							
3036	Party name	O AN..35	Not used							
3045	Party name format, coded	O AN..3	Not used							
3042	Street and number/p.o. box	O AN..35	Not used							
3042	Street and number/p.o. box	O AN..35	Not used							
3042	Street and number/p.o. box	O AN..35	Not used							

4.6.2 SG3

..... RFF 4 1 REFERENCE
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This segment group is optional here.

Max. occurrences is 2.

4.6.2.1 RFF (REFERENCE)

To specify a reference.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
1153	Reference qualifier	M AN..3	M AN..3	Code giving specific meaning to a reference segment or a reference number. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>VA</td> <td>VAT registration number Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).</td> </tr> <tr> <td>ADE</td> <td>Account number Identification number of an account.</td> </tr> </table>	Code	Description	VA	VAT registration number Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).	ADE	Account number Identification number of an account.
Code	Description									
VA	VAT registration number Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).									
ADE	Account number Identification number of an account.									
1154	Reference number	O AN..35	M AN..35	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						
1156	Line number	O AN..6	Not used							
4000	Reference version number	O AN..35	Not used							

4.7 SG7

CUX	3	1	CURRENCIES
-----	---	---	------------

This segment group is mandatory here.

Max. occurrences is 1.

4.7.1 CUX (CURRENCIES)

To specify currencies used in the transaction and relevant details for the rate of exchange.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C504	CURRENCY DETAILS	O	M	The usage to which a currency relates. Max. occurrences is 1.				
6345	Currency, coded	O AN..3	M AN..3	Identification of the name or symbol of the monetary unit involved in the transaction.				
6343	Currency qualifier	O AN..3	M AN..3	Code giving specific meaning to data element 6345 Currency. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Invoicing currency The name or symbol of the monetary unit used for calculation in an invoice.</td> </tr> </tbody> </table>	Code	Description	4	Invoicing currency The name or symbol of the monetary unit used for calculation in an invoice.
Code	Description							
4	Invoicing currency The name or symbol of the monetary unit used for calculation in an invoice.							
6348	Currency rate base	O N..4	Not used					
6347	Currency details qualifier	M AN..3	M AN..3	Specification of the usage to which the currency relates. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Target currency The currency which should be used to the target destination of the transaction.</td> </tr> </tbody> </table>	Code	Description	3	Target currency The currency which should be used to the target destination of the transaction.
Code	Description							
3	Target currency The currency which should be used to the target destination of the transaction.							
6345	Currency, coded	O AN..3	M AN..3	Identification of the name or symbol of the monetary unit involved in the transaction.				
6343	Currency qualifier	O AN..3	M AN..3	Code giving specific meaning to data element 6345 Currency.				

Label	Name	Standard	Impl	Comment	
				Code	Description
				11	Payment currency The name or symbol of the monetary unit used for payment.
6348	Currency rate base	O N..4	Not used		

4.8 SG25

└ MOA 4 1 MONETARY AMOUNT

This segment group is optional here.

Max. occurrences is "unbound".

4.8.1 LIN (LINE ITEM)

To identify a line item and configuration.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
1082	Line item number	O N..6	M N..6	Serial number designating each separate item within a series of articles.						
C212	ITEM NUMBER IDENTIFICATION	O	M	Goods identification for a specified source. Max. occurrences is 1.						
7140	Item number	O AN..35	M AN..35	A number allocated to a group or item.						
7143	Item number type, coded	O AN..3	M AN..3	Identification of the type of item number. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>SA</td> <td>Supplier's article number Number assigned to an article by the supplier of that article.</td> </tr> <tr> <td>IN</td> <td>Buyer's item number Self explanatory.</td> </tr> </tbody> </table>	Code	Description	SA	Supplier's article number Number assigned to an article by the supplier of that article.	IN	Buyer's item number Self explanatory.
Code	Description									
SA	Supplier's article number Number assigned to an article by the supplier of that article.									
IN	Buyer's item number Self explanatory.									
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							

4.8.2 PIA (ADDITIONAL PRODUCT ID)

To specify additional or substitutional item identification codes.

This segment is optional here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment										
4347	Product id. function qualifier	M AN..3	M AN..3	<p>Indication of the function of the product code. PIA+5 is mandatory</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Additional identification</td> </tr> <tr> <td></td> <td>Information which specifies and qualifies product identifications.</td> </tr> <tr> <td>5</td> <td>Product identification</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </tbody> </table>	Code	Description	1	Additional identification		Information which specifies and qualifies product identifications.	5	Product identification		Self explanatory.
Code	Description													
1	Additional identification													
	Information which specifies and qualifies product identifications.													
5	Product identification													
	Self explanatory.													
7140	Item number	O AN..35	M AN..35	A number allocated to a group or item.										
7143	Item number type, coded	O AN..3	M AN..3	<p>Identification of the type of item number.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>SA</td> <td>Supplier's article number</td> </tr> <tr> <td></td> <td>Number assigned to an article by the supplier of that article.</td> </tr> </tbody> </table>	Code	Description	SA	Supplier's article number		Number assigned to an article by the supplier of that article.				
Code	Description													
SA	Supplier's article number													
	Number assigned to an article by the supplier of that article.													
1131	Code list qualifier	O AN..3	Not used											
3055	Code list responsible agency, coded	O AN..3	Not used											

4.8.3 IMD (ITEM DESCRIPTION)

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

This segment is optional here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
7077	Item description type, coded	O AN..3	M AN..3	Code indicating the format of a description. Code Description F Free-form Self explanatory.
7081	Item characteristic, coded	O AN..3	O AN..3	Code specifying the item characteristic being described. Code Description DSC
C273	ITEM DESCRIPTION	O	M	Description of an item. Max. occurrences is 1.
7009	Item description identification	O AN..17	Not used	
1131	Code list qualifier	O AN..3	Not used	
3055	Code list responsible agency, coded	O AN..3	Not used	
7008	Item description	O AN..35	M AN..35	Plain language description of articles or products.
7008	Item description	O AN..35	Not used	
3453	Language, coded	O AN..3	Not used	

4.8.4 QTY (QUANTITY)

To specify a pertinent quantity.

This segment is optional here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
6063	Quantity qualifier	M AN..3	M AN..3	Code giving specific meaning to a quantity. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>47</td> <td>Invoiced quantity</td> </tr> </tbody> </table> <p>The quantity as per invoice.</p>	Code	Description	47	Invoiced quantity
Code	Description							
47	Invoiced quantity							
6411	Measure unit qualifier	O AN..3	M AN..3	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				

4.8.5 SG26

----- MDA	----- 4	----- 1	----- MONETARY AMOUNT
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This segment group is mandatory here.

Max. occurrences is 1.

4.8.5.1 MOA (MONETARY AMOUNT)

To specify a monetary amount.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
5025	Monetary amount type qualifier	M AN..3	M AN..3	Indication of type of amount. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>203</td> <td>Line item amount</td> </tr> <tr> <td></td> <td>Goods item total minus allowances plus charges for line item. See also Code 66.</td> </tr> </table>	Code	Description	203	Line item amount		Goods item total minus allowances plus charges for line item. See also Code 66.
Code	Description									
203	Line item amount									
	Goods item total minus allowances plus charges for line item. See also Code 66.									
5004	Monetary amount	O N..18	M N..18	Number of monetary units.						
6345	Currency, coded	O AN..3	O AN..3	Identification of the name or symbol of the monetary unit involved in the transaction.						
6343	Currency qualifier	O AN..3	Not used							
4405	Status, coded	O AN..3	Not used							

4.8.6 SG28

..... PRI 4 1 PRICE DETAILS
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This segment group is optional here.

Max. occurrences is 1.

4.8.6.1 PRI (PRICE DETAILS)

To specify price information.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
C509	PRICE INFORMATION	O	M	<p>Identification of price type, price and related details.</p> <p>Max. occurrences is 1.</p>						
5125	Price qualifier	M AN..3	M AN..3	<p>Identification of a type of price.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>AAA</td> <td>Calculation net</td> </tr> <tr> <td></td> <td>The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.</td> </tr> </table>	Code	Description	AAA	Calculation net		The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.
Code	Description									
AAA	Calculation net									
	The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.									
5118	Price	O N..15	M N..15	The monetary value associated with a purchase or sale of an article, product or service.						
5375	Price type, coded	O AN..3	Not used							
5387	Price type qualifier	O AN..3	Not used							

4.8.7 SG29

DTM	4	1	DATE/TIME/PERIOD
-----	---	---	------------------

This segment group is mandatory here.

Max. occurrences is 2.

4.8.7.1 RFF (REFERENCE)

To specify a reference.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
1153	Reference qualifier	M AN..3	M AN..3	Code giving specific meaning to a reference segment or a reference number. RFF+ON is mandatory <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>ON</td> <td>Order number (purchase) [1022] Reference number assigned by the buyer to an order.</td> </tr> <tr> <td>AAK</td> <td>Despatch advice number Reference number assigned by issuing party to a despatch advice.</td> </tr> </table>	Code	Description	ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.	AAK	Despatch advice number Reference number assigned by issuing party to a despatch advice.
Code	Description									
ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.									
AAK	Despatch advice number Reference number assigned by issuing party to a despatch advice.									
1154	Reference number	O AN..35	M AN..35	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						
4000	Reference version number	O AN..35	Not used							

4.8.7.2 DTM (DATE/TIME/PERIOD)

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

This segment is optional here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
2005	Date/time/period qualifier	M AN..3	M AN..3	Code giving specific meaning to a date, time or period. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>171</td> <td>Reference date/time</td> </tr> <tr> <td></td> <td>Date/time on which the reference was issued.</td> </tr> </table>	Code	Description	171	Reference date/time		Date/time on which the reference was issued.
Code	Description									
171	Reference date/time									
	Date/time on which the reference was issued.									
2380	Date/time/period	O AN..35	M AN..35	The value of a date, a date and time, a time or of a period in a specified representation.						
2379	Date/time/period format qualifier	O AN..3	M AN..3	Specification of the representation of a date, a date and time or of a period. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> <tr> <td></td> <td>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> </table>	Code	Description	102	CCYYMMDD		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
Code	Description									
102	CCYYMMDD									
	Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.									

4.8.8 SG33

MOA	4	1	MONETARY AMOUNT
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This segment group is mandatory here.

Max. occurrences is 1.

4.8.8.1 TAX (DUTY/TAX/FEE DETAILS)

To specify relevant duty/tax/fee information.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
5283	Duty/tax/fee function qualifier	M AN..3	M AN..3	Code identifying the function of an duty, tax or fee information. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>7</td> <td>Tax</td> </tr> <tr> <td></td> <td>Contribution levied by an authority.</td> </tr> </table>	Code	Description	7	Tax		Contribution levied by an authority.
Code	Description									
7	Tax									
	Contribution levied by an authority.									
C241	DUTY/TAX/FEE TYPE	O	M	Code and/or name identifying duty, tax or fee. Max. occurrences is 1.						
5153	Duty/tax/fee type, coded	O AN..3	M AN..3	Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>VAT</td> <td>Value added tax</td> </tr> <tr> <td></td> <td>A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.</td> </tr> </table>	Code	Description	VAT	Value added tax		A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.
Code	Description									
VAT	Value added tax									
	A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.									
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							
5152	Duty/tax/fee type	O AN..35	Not used							
5279	Duty/tax/fee rate identification	O AN..7	Not used							
1131	Code list qualifier	O AN..3	Not used							

Label	Name	Standard	Impl	Comment						
3055	Code list responsible agency, coded	O AN..3	Not used							
5278	Duty/tax/fee rate	O AN..17	M AN..17	Rate of duty or tax or fee applicable to commodities or of tax applicable to services.						
5273	Duty/tax/fee rate basis identification	O AN..12	Not used							
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							
5305	Duty/tax/fee category, coded	O AN..3	M AN..3	<p>Code identifying a tax/duty/fee category within a tax/duty/fee type system.</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>Exempt from tax Self explanatory.</td> </tr> <tr> <td>S</td> <td>Standard rate Self explanatory.</td> </tr> </tbody> </table>	Code	Description	E	Exempt from tax Self explanatory.	S	Standard rate Self explanatory.
Code	Description									
E	Exempt from tax Self explanatory.									
S	Standard rate Self explanatory.									

4.8.8.2 MOA (MONETARY AMOUNT)

To specify a monetary amount.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
C516	MONETARY AMOUNT	M	M	Amount of goods or services stated as a monetary amount in a specified currency. Max. occurrences is 1.						
5025	Monetary amount type qualifier	M AN..3	M AN..3	Indication of type of amount. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>124</td> <td>Tax amount</td> </tr> <tr> <td></td> <td>Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.</td> </tr> </table>	Code	Description	124	Tax amount		Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.
Code	Description									
124	Tax amount									
	Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.									
5004	Monetary amount	O N..18	M N..18	Number of monetary units.						
6345	Currency, coded	O AN..3	Not used							
6343	Currency qualifier	O AN..3	Not used							
4405	Status, coded	O AN..3	Not used							

4.9 UNS (SECTION CONTROL)

To separate header, detail and summary sections of a message.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
0081	Section identification	M A1	M A1	<p>Separates sections in a message.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>S</td> <td>Detail/summary section separation</td> </tr> <tr> <td></td> <td>To qualify the segment UNS, when separating the detail from the summary section of a message.</td> </tr> </table>	Code	Description	S	Detail/summary section separation		To qualify the segment UNS, when separating the detail from the summary section of a message.
Code	Description									
S	Detail/summary section separation									
	To qualify the segment UNS, when separating the detail from the summary section of a message.									

4.10 SG48

MOA	3	1	MONETARY AMOUNT
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The minimal occurrence of this segment group is 4.

Max. occurrences is 7.

4.10.1 MOA (MONETARY AMOUNT)

To specify a monetary amount.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment																
5025	Monetary amount type qualifier	M AN..3	M AN..3	<p>Indication of type of amount. MOA+79 is mandatory MOA+125 is mandatory MOA+77 is mandatory MOA+176 is mandatory</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>79</td> <td> <p>Total line items amount</p> <p>The sum of all the line item amounts.</p> </td> </tr> <tr> <td>77</td> <td> <p>Invoice amount</p> <p>[5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.</p> </td> </tr> <tr> <td>176</td> <td> <p>Message total duty/tax/fee amount</p> <p>Total of all duty/tax/fee amounts.</p> </td> </tr> <tr> <td>131</td> <td> <p>Total charges/allowances</p> <p>The amount specified is the total of all charges/allowances.</p> </td> </tr> <tr> <td>125</td> <td> <p>Taxable amount</p> <p>Self explanatory.</p> </td> </tr> <tr> <td>136</td> <td> <p>Total invoice additional amount</p> <p>(5140) Amount to be added to the sum of invoice line amounts to arrive at the total invoice amount.</p> </td> </tr> <tr> <td>109</td> <td> <p>Payment discount amount</p> <p>Self-explanatory.</p> </td> </tr> </tbody> </table>	Code	Description	79	<p>Total line items amount</p> <p>The sum of all the line item amounts.</p>	77	<p>Invoice amount</p> <p>[5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.</p>	176	<p>Message total duty/tax/fee amount</p> <p>Total of all duty/tax/fee amounts.</p>	131	<p>Total charges/allowances</p> <p>The amount specified is the total of all charges/allowances.</p>	125	<p>Taxable amount</p> <p>Self explanatory.</p>	136	<p>Total invoice additional amount</p> <p>(5140) Amount to be added to the sum of invoice line amounts to arrive at the total invoice amount.</p>	109	<p>Payment discount amount</p> <p>Self-explanatory.</p>
Code	Description																			
79	<p>Total line items amount</p> <p>The sum of all the line item amounts.</p>																			
77	<p>Invoice amount</p> <p>[5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.</p>																			
176	<p>Message total duty/tax/fee amount</p> <p>Total of all duty/tax/fee amounts.</p>																			
131	<p>Total charges/allowances</p> <p>The amount specified is the total of all charges/allowances.</p>																			
125	<p>Taxable amount</p> <p>Self explanatory.</p>																			
136	<p>Total invoice additional amount</p> <p>(5140) Amount to be added to the sum of invoice line amounts to arrive at the total invoice amount.</p>																			
109	<p>Payment discount amount</p> <p>Self-explanatory.</p>																			

Label	Name	Standard	Impl	Comment
				165 Adjustment amount Amount being the balance of the amount to be adjusted and the adjusted amount.
5004	Monetary amount	O N..18	M N..18	Number of monetary units.
6345	Currency, coded	O AN..3	Not used	
6343	Currency qualifier	O AN..3	Not used	
4405	Status, coded	O AN..3	Not used	

4.11 SG50

MOA	3	2	MONETARY AMOUNT
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This segment group is mandatory here.

Max. occurrences is 3.

4.11.1 TAX (DUTY/TAX/FEE DETAILS)

To specify relevant duty/tax/fee information.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
5283	Duty/tax/fee function qualifier	M AN..3	M AN..3	Code identifying the function of an duty, tax or fee information. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>7</td> <td>Tax</td> </tr> <tr> <td></td> <td>Contribution levied by an authority.</td> </tr> </table>	Code	Description	7	Tax		Contribution levied by an authority.
Code	Description									
7	Tax									
	Contribution levied by an authority.									
C241	DUTY/TAX/FEE TYPE	O	M	Code and/or name identifying duty, tax or fee. Max. occurrences is 1.						
5153	Duty/tax/fee type, coded	O AN..3	O AN..3	Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>VAT</td> <td>Value added tax</td> </tr> <tr> <td></td> <td>A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.</td> </tr> </table>	Code	Description	VAT	Value added tax		A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.
Code	Description									
VAT	Value added tax									
	A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.									
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							
5152	Duty/tax/fee type	O AN..35	Not used							
5279	Duty/tax/fee rate identification	O AN..7	Not used							
1131	Code list qualifier	O AN..3	Not used							

Label	Name	Standard	Impl	Comment						
3055	Code list responsible agency, coded	O AN..3	Not used							
5278	Duty/tax/fee rate	O AN..17	M AN..17	Rate of duty or tax or fee applicable to commodities or of tax applicable to services.						
5273	Duty/tax/fee rate basis identification	O AN..12	Not used							
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							
5305	Duty/tax/fee category, coded	O AN..3	M AN..3	<p>Code identifying a tax/duty/fee category within a tax/duty/fee type system.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>S</td> <td>Standard rate</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table>	Code	Description	S	Standard rate		Self explanatory.
Code	Description									
S	Standard rate									
	Self explanatory.									

4.11.2 MOA (MONETARY AMOUNT)

To specify a monetary amount.

The minimal occurrence of this segment is 2.

Max. occurrences is 2.

Label	Name	Standard	Impl	Comment						
5025	Monetary amount type qualifier	M AN..3	M AN..3	Indication of type of amount. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>125</td> <td> Taxable amount Self explanatory. </td> </tr> <tr> <td>124</td> <td> Tax amount Tax imposed by government or other official authority related to the weight/volume charge or valuation charge. </td> </tr> </tbody> </table>	Code	Description	125	Taxable amount Self explanatory.	124	Tax amount Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.
Code	Description									
125	Taxable amount Self explanatory.									
124	Tax amount Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.									
5004	Monetary amount	O N..18	M N..18	Number of monetary units.						
6345	Currency, coded	O AN..3	Not used							
6343	Currency qualifier	O AN..3	Not used							
4405	Status, coded	O AN..3	Not used							

5 Example

UNB+UNOC:3+12345678923456:14+8716106053841:14+190912:1331+00473968'
UNH+118271387+INVOIC:D:96A:UN:EAN008'
BGM+380+12328679+9'
DTM+137:20190912:102'
RFF+ON:2694343'
RFF+VN:0003107333'
NAD+BY+8716106198337++Kramp Groep B.V.+Breukelaarweg 33+Varsseveld++7051 DW+NL'
RFF+VA:NL005435511B09'
NAD+SU+12345678923456++Company name+Street and number+City++Postal code+DE'
RFF+VA:DE123123'
NAD+IV+8716106198337++Kramp Groep B.V.+ul. Skandynawska 1+Stare Miasto++62-571+PL'
NAD+DP+8716106198337++Kramp Groep B.V.+Breukelaarweg 33+Varsseveld++7051 DW+NL'
CUX+2:EUR:4'
LIN+20++T123150:IN'
PIA+1+150T123:SA'
IMD+F+DSC+:::OSPC Test 123 ON STEERING UNIT'
QTY+47:1:PCE'
MOA+203:313.85:EUR'
PRI+AAA:313.85:::1:PCE'
RFF+ON:2694343:000010'
TAX+7+VAT+++:::0.00+E'
UNS+S'
MOA+79:313.85:EUR'
MOA+77:313.85:EUR'
MOA+176:0.00:EUR'
MOA+131:0.00:EUR'
TAX+7+VAT+++:::0.00+S'
MOA+125:313.85:EUR'
MOA+124:0.00:EUR'
UNT+29+118271387'
UNZ+1+00473968'