

KITS

EDI Technical Documentation

EDIFACT Standard Version D96A

INVOICE/CREDIT NOTE MESSAGE (INVOIC)

Version 1.4

Version	Date	Team Name	Comments
1.0	23/02/2021	KITS Project EDI Team	Initial Version
1.1	12/04/2021	KITS Project EDI Team	Incorporate correct codes for Discounts and Charges at ALC segment
1.2	10/05/2021	KITS Project EDI Team	PCD/5482 modified to R from C
1.3	19/05/2021	KITS Project EDI Team	Validation modified against RFF+DQ for Credit Note
1.4	15/06/2021	KITS Project EDI Team	Examples modified for FTX segment
1.5	19/01/2021	KITS Project Team	Modification of Tax code Table

1. Overview

This specification provides the details of the **INVOICE/CREDIT NOTE** message (INVOIC) to be used in EDI base Standard - EDIFACT format between Operating company and the vendor.

Message Type : INVOIC
 Reference directory : D.96A
 Sub-set EANCOM : 008
 Version : V2

An Invoice is a message claiming payment for goods or services supplied under agreed conditions between the seller and the buyer.

An invoice must correspond to the order. It should contain the details as sent in the order. Vendor can send partial and full invoices. System can accept multiple invoices for a single order.

Features segments or Data Element has been mentioned in detail. Segments which are not used for us, that has been removed from the details.

The operating company will generate the orders. You should use the same data from the purchase order.

ROUND OFF RULES

Amounts must always be rounded to two decimal places as below:

Online amount (calculated)	Online amount (MOA segment)
5.563	5.56
5.565	5.57
5.566	5.57

The rule for calculating VAT

VAT must be calculated in the following way at the foot of the page:
 Sum of amounts net of taxes of each line by VAT rate (20.00, 7.00, 5.00 etc) multiplied by the VAT rate. Not by the sum of the VAT amounts on each line.

1. Segments Layout

The segments are presented in the sequence in which they appear in the message. The segment or segment group tag consists of Segment Name; Segment code; Status; maximum field lengths; maximum number of repeats of the segment/element and the details/descriptions to provide extra required information. There is various status of Data elements as per EANCOM standard, but for KITS messages we use only three statuses as (M)andatory / (C)onditional / (R)equired:

CODE	STATUS	USE
M	Mandatory	Code Indicator defines that the segment/element must be used.
C	Conditional	Code Indicator defines that the segment/element is optional. It can or cannot be used by the Vendors as per their own requirements.
R	Required	Code indicator defines that the segment /element is conditional as per the EDIFACT message standards, but the message information is mandatory only for the company.

Descriptions which has been flagged as NULL, means that no specific data is needed in that field. But even if information is being sent in those fields, it will be accepted if the format is correct as per standard.

Characters allowed in the file in any text field are as below:

Blank space	
Asterisk	*
Ampersand	&
Open bracket	(
Close bracket)
Comma	,
Hyphen	-
Full stop	.
Solidus	/
Percent	%

NB: Lowercase characters are permitted for general descriptors such as address, product description etc. but coded information and constants must always be in uppercase.

2. Message Structure Chart

Here collections of segments repeat as a group, which is mentioned as segment groups. **Number of Repeats** defines the number of times a segment or segment group may repeat. This structure is specific only for our company.

SEGMENT	SEGMENT NAME	M/C/R	Required number of repeats	Legal	TERMS OF USE
UNA	Service String	M			
UNB	Interchange Header	M			
UNH	Message header	M	1		
BGM	Message beginning	M	1		Segment used by the sender to identify the message Invoice
DTM+137	Document Date	M	1		
DTM+11	Shipment date	C	1		
PAI	Payment Instructions	C	1		
FTX+REG	Free Text	C	1	L	Segment can be used to provide the Regulatory information.
FTX+PMT	Free Text	C	1	L	Segment can be used to provide Payment Delay terms & Discount Information.
FTX+AAB	Free Text	C	1	L	Segment can be used to provide Terms of payment
FTX+PMD	Free Text	C	1	L	Segment can be used to Payment detail/remittance
FTX+ABU	Free Text	C	1	L	Segment can be used to provide Deferred VAT text.

FTX+TXD	Free Text	C	1	L	Segment can be used to provide additional terms concerning Green Tax/WEEE charges.
	SEGMENT GROUP 1	R	99		
RFF+ON	Reference Details	M	1		PO Reference Number
RFF+DQ	Reference Details	M	1		ASN Reference number
					Shipment delivery date
DTM+171	Reference Date	R	1		
	SEGMENT GROUP 2	R	99		
NAD+IV	Name & Address Details	M	1		
NAD+SU	Name & Address Details	M	1		
NAD+BY	Name & Address Details	M	1		
NAD+DP	Name & Address Details	M	1		
	SEGMENT GROUP 3	R	999		
RFF+VA	Reference Details	R	1		RFF details is associated with NAD details. NAD+SU: RFF+VA (Mandatory) NAD+IV: RFF+VA (Mandatory)
RFF+GN	Reference Details	C	1		
RFF+XA	Reference Details	C	1		
	SEGMENT GROUP 7	R	5		
CUX	Currency	M	1		Identification of the invoice currency is required
	SEGMENT GROUP 8	R	5		
PAT	Base payment terms	R	2		PAT+3 PAT+10E
DTM	Date and time	R	5		Due date for the Invoice
PCD	Percentage of payment terms	C	2		
MOA	Monetary amount	C	1		Monetary values which will be allowed if the invoicee pays before the due date.
	SEGMENT GROUP 15	C			
ALC	Discounts or Costs	C	1	L	To identify the allowance or charge details on the whole invoice. Currently we manage only the following identification code: FC,MAC,SAI,AA,PAD,QD,RAA,TD
PCD	Percentage Information	C	1	L	To specify the allowance or charge percentages

MOA	Monetary amount	C	1	L	Segment mandatory if specified amount of discount or charge in the ALC segment.
TAX	Tax Information	C	1	L	To indicate whether the allowances and charges specified in Group 15 ALC are subject to tax or duty.
	START OF LINE INFORMATION				
	SEGMENT GROUP 25	R	999999		
LIN	Line Details	M	1		Specify the EAN code
PIA	Additional product ID	C	1		
IMD	Item Description	R	10		Can be used up to maximum 10 for long descriptions.
QTY	Quantity	R	2		Quantity invoiced
QTY	Quantity	C	2		Quantity per pack
	SEGMENT GROUP 26	R			
MOA	Monetary amount	M	1		Net line amount (rounded)
	SEGMENT GROUP 28	R	25		
PRI	Price Details	M	1		Qualifier AAA (Net unit price)
PRI	Price Details	C	1		Qualifier AAB (gross unit price)
	SEGMENT GROUP 29	R			
RFF	Reference Details	M	1		Line Item number
	SEGMENT GROUP 33	R			
TAX	Tax details	R	1		Line level Tax
MOA	Monetary amount	R	1		Line Tax Amount
	END OF LINE INFORMATION				
UNS	Section Control	M	1		
CNT	Control Total	R	1		
	SEGMENT GROUP 48	M			
MOA+79	Monetary amount	M	1		Total Line items amount
MOA+260	Monetary amount	M	1		Total allowances
MOA+125	Monetary amount	M	1		Taxable amount
MOA+124	Monetary amount	M	1		Total tax
MOA+139	Monetary amount	M	1		Total payment amount
	SEGMENT GROUP 50	M			
TAX	Monetary amount	M	1		Tax Rate
MOA+79	Monetary amount	M	1		Net Amount

MOA+124	Monetary amount	M	1	Tax Amount
	SEGMENT GROUP 51	C	10	
ALC	Allowance/Charge	C	1	To specify the total per type of special (parafiscal) taxes
MOA	Monetary amount	C	1	To specify the monetary amounts per type of special (parafiscal) taxes
UNT	Message trailer	M	1	
UNZ	Interchange trailer	M	1	

Segments structure layer is defined as below:

UNA Service String	} Technical layer
UNB Interchange Header	
UNH Message header	
Message Header	
BGM Message beginning	(Type = Invoice)
DTM Document Date	(Message File date)
DTM Document Date	(Goods Delivery Date)
PAI Payment Instructions	
FTX Free Text Information	(Regulatory information)
FTX Free Text Information	(Penalty/Discount Information)
RFF Reference Number	(Order Number)
RFF Reference Number	(ASN Number)
DTM Reference Date	
NAD (1) Trading Parties Details	(Invoicee party)
RFF Reference Number	(VAT Registration)
NAD (2) Trading Parties Details	(Supplier Party)
RFF Reference Number	(Vendor VAT Registration)
NAD (3) Trading Parties Details	(Buyer Party)
NAD (4) Trading Parties Details	(Delivery Party)
TAX..... Tax Details	
CUX Currency	
PAT Payment & Terms	(Reference to Payment's Fixed date)
DTM Reference date	(Invoice Payment Date)
PAT Payment & Terms	(Discount Terms)
PCD Percentage Details	(Discount Percentage)

PAT	Payment & Terms	(Penalty Terms)
PCD	Percentage Details	(Discount Percentage)
ALC.....	Allowance or Charge	(Charge Details)
PCD.....	Percentage Details	
MOA.....	Monetary Amount	
TAX	Tax Details	
Message Details		
LIN	Line Information	
PIA	Product Identification	
IMD	Item Description	
QTY.....	Quantity	(Quantity of Items in a pack)
QTY.....	Quantity	(Quantity of Pack)
MOA	Monetary Amount	
PRI	Price Details	(Net price)
PRI	Price Details	(Gross price)
TAX	Tax Details	
ALC.....	Allowance or Charge	
PCD.....	Percentage Details	
MOA.....	Monetary Amount	
TAX	Tax Details	
UNS	Section Control	
CNT	Control Total	
MOA	Monetary Amount	(Total Line items amount excluding TAX)
MOA	Monetary Amount	(Total allowances)
MOA	Monetary Amount	(Taxable amount)
MOA	Monetary Amount	(Total tax)
MOA	Monetary Amount	(Total payment amount including TAX)
TAX	Tax Details	
MOA	Monetary Amount	(Total TAX Amount)
MOA.....	Monetary Amount	(Total Amount excluding TAX)
UNT	Message trailer	
UNZ	Interchange trailer	

3. Message Segment Details

This specification contains only the segment details for the messages for our company. Other Segments (as per the GS1 EANCOM standard) which are not used in the Message has not been defined here.

All the segments details have been listed in the same sequence they appear on the message. Specific Comments has been added in the Description column to clarify the requirements.

For some of the segments, the code has been fixed (as per the EDIFACT message standard codes) . This code has been defined with a tag name as **Default Code/Value=** (data)

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
UNA	:		M			
	UNA1	+	Data element separator	M	an.1	Is used to separate two simple or composite data elements (Default value = +)
	UNA2		Decimal notation	M	an.1	Is used to indicate the character used for decimal notation (Default value = .)
	UNA3		Release character	M	an.1	Used to restore the separator and the terminator signs to their original specification (Default value= ?)
	UNA4		Reserved for future use	M	an.1	Default value = (space)
	UNA5		Segment terminator	M	an.1	Used to indicate the end of segment data (Default value = ')

Remarks:

This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.

Example:

UNA:+.? '

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNB	+				
	S001	SYNTAX IDENTIFIER	M		
	0001	SYNTAX IDENTIFIER	M	an.4	Default Value can be as : UNOA UNOC UNOD
	0002	: Syntax version number	M	n.1	Default Value = 3
	S002	INTERCHANGE SENDER			
	0004	+ Sender identification	M	an.35	Supplier's GLN code
	0007	: Sender Qualifier	C	an.4	GLN Qualifier
	S003	INTERCHANGE RECIPIENT			
	0010	+ Recipient identification	M	an.35	GLN code of the OPCO
	0007	: Sender Qualifier	C	an.4	GLN Qualifier
	S004	DATE/TIME OF MESSAGE			
	0017	+ Date	M	n.6	YYMMDD
	0019	: Time	M	n.6	HHMM
	0020	+ Interchange control reference	M	an.14	Unique reference identifying the interchange. Created by the interchange sender.

Remarks:

This is a mandatory segment. It is used to envelope the interchange and identify the two trading parties.

Example:

UNB+UNOA:3+3760196190004:14+3020400000100:14+160105:1036+7593547'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNH	+	0062		Message reference Number	M	an.14	Sender's unique message reference. Sequence number of the messages in the interchange. The reference in the UNT segment should match with the reference number mentioned here.
		S009		MESSAGE IDENTIFIER	M		
		0065	+	Message Type Identifier	M	an.6	INVOIC (Code to identify that the message is an Invoice)
		0052	:	Message type version number	M	an.3	D (UN/EDIFACT Directory)
		0054	:	Message type release number	M	an.3	96A (Release 1996 – A)
		0051	:	Controlling agency	M	an.2	Default value= UN
		0057	:	Association assigned code	R	an.6	Default value= EAN008

Remarks:

This service segment is used to uniquely identify & specify the type of message.
Segment No 0057 states that EANCOM version 008 is being used.

Example:

UNH+15+INVOIC:D:96A:UN:EAN008'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
BGM	+	C002		BEGINNING OF MESSAGE	M		
		1001		Message name code	R	an.3	Choose the default code as per the type of document: 380 (Commercial Invoice) 381 (Credit note)

		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Code List	C	an.3	Not required
		1000	:	Message name	C	an.35	Not required
		1004	+	Document Number	R	an.35	Invoice reference number
		1225	+	Message function code number	R	an.3	Default Value= 9 (Resemble original message)

Remarks:

This segment is used to indicate the type, function, and the reference document number of the message.

BGM/1225 messages function code states as below:

9 = **Original** (Code indicating to the recipient that this Invoice is an original message).

The document reference number BGM/C002/1004 can be maximum of 16 characters.

Example:

BGM+380 +001671+9'

BGM+381+FV/0787/G+9'

DTM SEGMENTS:

DTM	DATE/TIME details for the document	Number of Repeats = 2	Mandatory (M)
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SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	R		
		2005		Date qualifier	M	an.3	Default value= 137 (Resemble Document date code)
		2380	:	Date	M	an.35	Date in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the document date of the Invoice message.
The below example shows that the document date is 27th February 2018.

Example:

DTM+137:20180227:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	C		
		2005		Date qualifier	M	an.3	Default value= 11 (Resemble the goods despatched date)
		2380	:	Date	M	an.35	Date & Time in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the despatched goods delivery date.
The below example shows that the goods has been delivered on 1st March 2018.

Example:

DTM+11:20180301:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
PAI	+	C534		PAYMENT INSTRUCTION DETAILS	C		
		4439		Payment conditions, coded	C	an.3	Not Required

	4431	:	Payment guarantee, coded	C	an.3	Not Required
	4461	:	Payment means, coded	R	an.3	Expected values: 60 (Resemble Promissory Note) 20 (Cheque) 42 (Payment to a bank account)
	1131	:	Code list qualifier	C	an.3	Not Required
	3055	:	Code list responsible agency, coded	C	an.3	Not Required
	4435	:	Payment channel, coded	C	an.3	Not Required

Remarks:

This segment is used to specify the instructions for payment.
The below example shows that the payment is a promissory note.

Example:

PAI+::60'

FTX SEGMENTS:

FTX	Free Text Information	Number of Repeats= 2	Conditional (R)
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SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
FTX	+	FREE TEXT INFORMATION	C		
	4451	Text subject qualifier	M	an.3	Choose the default code for the information as per the details below: <ul style="list-style-type: none"> REG = Regulatory information (Social capital info for Brico Portugal can be provided) AAB = Terms of payment

						<ul style="list-style-type: none"> • PMD = Payment detail/remittance information • SIN = Special Instructions • SUR = Remarks from or for a supplier of goods. • AAI = General information • ABU= Additional terms concerning deferred payment (Mandatory if deferred VAT details is provided) • TXD= Additional terms concerning Green Tax/WEEE charges
4453	+	Text function, coded	C	an.3	NULL	
C107		TEXT REFERENCE	C			
4441	+	Free Text, coded	M	an.3	NULL	
1131	:	Code list qualifier	C	an.3	NULL	
3055	:	Code list responsible agency, coded	C	an.3	Default code = 65 (Resemble code for GS1 France)	
C108		TEXT REFERENCE	C			
4440	+	Free text	C	an.70	Company Name/ Discount conditions/Penalty conditions	
4440	:	Free text	C	an.70	Discount conditions/Penalty conditions	
4440	:	Free text	C	an.70	Conditions of penalty 01 = Invoice of goods 02 = Service invoices	

	4440	:	Free text	C	an.70	Legal Forms details
	4440	:	Free text	C	an.70	Descriptions (if any)
	3453	+	Language coded	C	an.3	Not Required

Remarks:

This segment is used to give information in the form of text, code, or plain text, valid for the entire message. The FTX segment is mandatory and is used, with three Qualifiers (REG, AAB, PMT) REG qualifier in 4451, to indicate the name, legal form, and registered capital of the invoice by or the head office of the invoice by.

Qualifier AAB is used to transmit discount conditions.

Qualifier ABU is use

d to describe deferred payment details. **(Mandatory if the vendor comes under deferred VAT legislation)**

The associated amounts or percentages will be transmitted in the DE 4440 of this FTX segment (with DE 4451 = AAB for the discount conditions or PMT for the penalty conditions).

Example:

FTX+REG+++VICAT CAPVRACS:SAS:5000000 EUR'

-Information on the Legal Name (Vendor Name e.g **VICAT CAPVRACS**), Legal Form (SAS) and Capital (**5000000** euros).

FTX+PMT+++POUR TOUT RETARD DE PAIEMENT PENALITE FORFAITAIRE DE 40 EUROS'

FTX+AAB+++Discount cost is 10 Euros'

-Legal Information of Payment terms & discount.

FTX+ABU+++TVA la incasare'

-If Deferred VAT details has been provided, this qualifier should be used to consider VAT on Collection/deferred payment.

FTX+TXD+++Products contain WEEE tax according to the listing file'

-Text used for Additional terms concerning Green Tax/WEEE charges.

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153	+	Reference qualifier	M	an.3	Default value= ON (Resemble code for Order number)
		1154	:	Reference number	R	an.35	Purchase Order Number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a Purchase Order reference number for which the Invoice document is being sent to the buyer.

Example:

RFF+ON:0101237611'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153	+	Reference qualifier	M	an.3	Default value= DQ (Resemble code for Delivery Note number) Segment is Required for Invoice but Conditional for Credit Note.
		1154	:	Reference number	R	an.35	Shipment/ASN/Delivery Note Number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a shipment/ASN or PO reference number for which the Invoice document is being sent to the buyer. If the vendor is sending ASN against the PO, they need to provide ASN reference number. While In cases where no ASN is send against the PO, the vendor needs to send the PO reference number.

This is a mandatory information for the Invoice matching process.

Example:

RFF+DQ:858545698' (Here 858545698 is the ASN reference number) **Case:** PO->ASN->INVOICE

RFF+DQ:100005698' (Here 100005698 is the PO reference number) **Case:** PO->INVOICE

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507	DATE/TIME/PERIOD	R		
		2005	Date qualifier	M	an.3	Default value= 171 (Resemble Reference date code)
		2380	Date	M	an.35	Date in CCYYMMDD format
		2379	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the reference date of the ASN/Shipment message. The below example shows that the reference date is 27th February 2018.

Example:

DTM+171:20180227:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	C		
		1153	+	Reference qualifier	M	an.3	Default value= IV (Resemble code for Invoice Number) Segment is Required for Credit Note.
		1154	:	Reference number	R	an.35	Invoice Number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is mandatory in the case of a credit note and under the RFF+ON segment. It used to enter the reference number of the invoice or the debit note number. It must not exceed 16 alphanumeric characters.

Example:

RFF+IV:00458260'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	C		
		1153	+	Reference qualifier	M	an.3	Default value= DL (Resemble code for Debit note number)
		1154	:	Reference number	R	an.35	Debit note Number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is optional and can be used only for credit note. It is placed under the RFF+ON segment. It allows vendor to enter the number of the corresponding debit note.

Vendor will receive a Debit note via email. When sending the Credit note, it will be mandatory to refer to the number of the debit note in the segment RFF+DL and order number in the RFF+ON segment.

Example:

RFF+DL:0088260'

NAD & RFF SEGMENTS:

NAD	Name & Address details	Number of Repeats= 5
RFF	Reference Details	Number of Repeats= 5

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION	
NAD	+	NAME & ADDRESS	M			
	3035	Party Qualifier	M	an.3	Default value= IV (Resemble code for INVOICEE)	
	C082	PARTY DETAILS	R			
	3039	+	Party Id Identification	M	an.35	GLN/ANA Number of the trading party
	1131	:	Code list Qualifier	C	an.3	Not required
	3055	:	Party Id Code	M	an.3	Default value= 9
	C058		NAME AND ADDRESS	C		
	3124	+	Name and address line	M	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address

	C080		PARTY NAME	R		
	3036	+	Party Name	M	an.35	Company Name
	3036	:	Party Name	C	an.35	Company Name
	3036	:	Party Name	C	an.35	Company Name
	3036	:	Party Name	C	an.35	Company Name
	3036	:	Party Name	C	an.35	Company Name
	3045	:	Party Name Format	C	an.3	
	C059		STREET	R		
	3042	+	Street and number/p.o. box	M	an.35	Address
	3042	:	Street and number/p.o. box	C	an.35	Address
	3042	:	Street and number/p.o. box	C	an.35	Address
	3042	:	Street and number/p.o. box	C	an.35	Address
	3164	+	CITY NAME	R	an.35	City or Town
	3229	+	COUNTRY SUB ENTITY IDENTIFICATION	C	an.9	Country/state
	3251	+	POST CODE	R	an.9	Post Code
	3207	+	COUNTRY CODE	R	an.3	Country Code

Remarks:

This segment is used in identifying names, addresses and locations of the Invoicee.

INVOICEE (IV) is referred to the party to whom the payment is issued. The trading parties are identified by their unique EAN code. As for example below, the invoicee BRICOTEST01PT has send the order and the payment for the order will be paid by the party after successful delivery.

Example:

NAD+IV+BRICOTEST01PT::9++BRICO DEPOT PORTUGAL+Rua Castilho: 5 - 1º Esqº: Sala 13+Lisboa++08820+PT'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153	+	Reference qualifier	M	an.3	Default value= VA (Resemble code for VAT registration number)
		1154	:	Reference number	R	an.35	VAT Registration reference number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a VAT Registration number of the buyer company.

Example:

RFF+VA:FR87451678973'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	C		
		1153	+	Reference qualifier	M	an.3	Default value= GN (Resemble code for Government Reference number)
		1154	:	Reference number	R	an.35	Government reference number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a Government reference number of the buyer company.

Example:

RFF+GN:451678973'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION	
NAD	+		NAME & ADDRESS	M			
		3035	Party Qualifier	M	an.3	Default value= SU (Resemble code for Vendor)	
		C082	PARTY DETAILS	R			
		3039	+	Party Id Identification	M	an.35	GLN/ANA Number of the trading party
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		NAME AND ADDRESS	C		
		3124	+	Name and address line	M	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		C080		PARTY NAME	R		
		3036	+	Party Name	M	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name

3045	:	Party Name Format	C	an.3	
C059		STREET	R		
3042	+	Street and number/p.o. box	M	an.35	Address
3042	:	Street and number/p.o. box	C	an.35	Address
3042	:	Street and number/p.o. box	C	an.35	Address
3042	:	Street and number/p.o. box	C	an.35	Address
3164	+	CITY NAME	R	an.35	City or Town
3229	+	COUNTRY SUB ENTITY IDENTIFICATION	C	an.9	Country/state
3251	+	POST CODE	R	an.9	Post Code
3207	+	COUNTRY CODE	R	an.3	Country Code

Remarks:

This segment is used in identifying names, addresses and locations of the Seller/Vendor.

SELLER (SU) is referred to the party who is selling merchandise to the buyer. The trading parties are identified by their unique EAN code. As for example below, the seller 3760196190004 has provided the goods for the order.

Example:

NAD+SU+3760196190004::9++VICAT CAPVRACS+PORT MINER Z I PORT FOS CABAN SUD:LE
CABAN+FOS SUR MER++13270+FR'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
FII	+	Financial institution information	C		
	3035	Party qualifier	M	an.3	Expected value = RB Default code for Receiving financial institution

		C078		ACCOUNT IDENTIFICATION	C		
		3194	+	Account holder number	C	an.35	Account Number of the Receiving Party
		3192	:	Account holder name	C	an.35	
		3192	:	Account holder name	C	an.35	
		6345	:	Currency, coded	C	an.3	

Remarks:

This segment is used to specify the bank account information.

Example:

FII+RB+99175013380000000033950748'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153	+	Reference qualifier	M	an.3	Default value= VA (Resemble code for VAT registration number)
		1154	:	Reference number	R	an.35	VAT Registration reference number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a VAT Registration number of the seller.

Example:

RFF+VA:FR87451678973'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	C		
		1153	+	Reference qualifier	M	an.3	Default value= XA (Resemble code for Company/Place registration number)
		1154	:	Reference number	R	an.35	Company Registration number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a Company Registration number of the Seller.

Example:

RFF+XA:RCSSALON 478251259'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	C		
		1153	+	Reference qualifier	M	an.3	Default value= GN (Resemble code for Government Reference number)
		1154	:	Reference number	R	an.35	Government reference number
		1156	:	Line Number	C	an.6	Not Required
		4000	:	Reference Version number	C	an.35	Not Required

Remarks:

This segment is used to provide a Government reference number of the seller/ supplier.

Example:

RFF+GN:451678973'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION	
NAD	+		NAME & ADDRESS	M			
		3035	Party Qualifier	M	an.3	Default value= BY (Resemble Buyer)	
		C082		PARTY DETAILS	R		
		3039	+	Party Id Identification	M	an.35	GLN/ANA Number of the trading party
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		NAME AND ADDRESS	C		
		3124	+	Name and address line	M	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		C080		PARTY NAME	R		
		3036	+	Party Name	M	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3045	:	Party Name Format	C	an.3	

		C059		STREET	R		
		3042	+	Street and number/p.o. box	M	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3164	+	CITY NAME	R	an.35	City or Town
		3229	+	COUNTRY SUB ENTITY IDENTIFICATION	C	an.9	Country/state
		3251	+	POST CODE	R	an.9	Post Code
		3207	+	COUNTRY CODE	R	an.3	Country Code

Remarks:

This segment is used in identifying names, addresses and locations of the Buyer Party, relevant to the whole Receiving advice.

Buyer (BY) is referred to the party who creates & send then Order. The trading parties are identified by their unique EAN code. As for example below, the buyer BRICOTEST01PT has send the Order.

Example:

NAD+BY+BRICOTEST01PT::9++BRICO DEPOT PORTUGAL+Rua Castilho: 5 - 1º Esqº: Sala 13+Lisboa++08820+PT'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION
NAD	+	NAME & ADDRESS	M		
	3035	Party Qualifier	M	an.3	Default value= DP (Resemble Delivery Party)
	C082	PARTY DETAILS	R		
	3039	Party Id Identification	M	an.35	GLN/ANA Number of the trading party

		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		NAME AND ADDRESS	C		
		3124	+	Name and address line	M	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		C080		PARTY NAME	C		
		3036	+	Party Name	M	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3036	:	Party Name	C	an.35	Company Name
		3045	:	Party Name Format	C	an.3	
		C059		STREET	C		
		3042	+	Street and number/p.o. box	M	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3042	:	Street and number/p.o. box	C	an.35	Address
		3164	+	CITY NAME	C	an.35	City or Town
		3229	+	COUNTRY SUB ENTITY IDENTIFICATION	C	an.9	Country/state
		3251	+	POST CODE	C	an.9	Post Code
		3207	+	COUNTRY CODE	C	an.3	Country Code

Remarks:

Identification of Delivering Vendor/place (Name/Address & Locations) is mentioned. DP refers to the Physical place of delivery. A Unique GLN code is assigned for the delivery location.

Example:

NAD+DP+3020400181106::9++CASTORAMA LE CANNET+CHEMIN DE CARIMAI:BP 61+LE CANNET++06112+FR'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
CUX	+	C504			CURRENCY DETAILS	M	
		6347			Currency code qualifier	M	an.3 Values accepted 2 = Reference Currency
		6345	:		Currency	R	an.3 Currency code (Currency should be same as received in PO)
		6343	:		Currency qualifier	R	an.3 Billing Currency qualifier Default qualifier =4

Remarks:

This segment specifies the currency information in which the monetary amounts of the entire Invoice message.

Example:

CUX+2:EUR:4'

PAT-DTM-PCD-MOA

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
PAT	+	PAYMENT TERMS BASIS	M			
	4279	+	Payment terms type qualifier	M	an.3	Default code qualifier as below: 3 = Fixed date 10E = Single payment
	C110		PAYMENT TERMS	C		NULL
	4277	+	Terms of payment identification	C	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		
	2475	+	Payment time reference, coded	C	an.3	Expected values: 5 (Resembles the code for Invoice Date) 67 (Resembles the code for Expected Delivery Date)
	2009	:	Time Relation, coded	C	an.3	Default Code 3 (Resembles the code for Payment terms related to time after reference date)
	2151	:	Type of Period, coded	C	an.3	Default Code D (Resembles the code for Invoice Date)
	2152	:	Number of periods	C	an.3	Number of days for payment

Remarks:

This segment is used to indicate the due date of the Invoice, the conditional discount conditions, and penalties applicable to the Invoice.

This group of SG8 segments must always be used to specify the due date for the Invoice (DTM segment, DE 2005 = 13). It is mandatory to specify the Invoice due date.

Example:

- PAT+3' - Fixed date of Invoice
- PAT+10E' - Single expiration date
- PAT+10E++5:3:D:30' - Single due date, payment date 30 days after the invoice date

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	M		
		2005		Date qualifier	M	an.3	Expected value 13 (Resemble code for Due date of net settlement)
		2380	:	Date	M	an.35	Date in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the due date of the Invoice (required).

It also allows to indicate, if necessary, the deadline of application of the discount.

The below example shows the date is 26th July 2018. This segment is Mandatory if a PAT+3 or PAT+10E is present.

Example:

- Fixed date of Invoice which is 1st April 2020.

PAT+3'
DTM+13:20200401:102'

- Single payment date, 03/10/20

PAT+10E'
DTM+13:20201003:102'

- Single due date, payment date 30 days after the invoice date. If the invoice date is 15/04/2020 then payment date must be 15/05/2020

PAT+10E++5:3:D:30'
 DTM+13:20200515:102'
 DTM+209:20200415:102'

PCD SEGMENTS:

PCD	Percentage details	Number of Repeats= 2	Conditional (C)
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SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
PCD	+	PERCENTAGE DETAILS	C			
	C501	PAYMENT TERMS	C			
	5245	+	Percentage Qualifier	M	an.3	Default code as below: 12 = Discount
	5482	:	Percentage	R	n.10	Percentage value
	5249	:	Percentage basis, coded	C	an.3	Default code =13 (Value of Invoice)
	1131	:	Code list Qualifier	C	an.3	NULL
	3055	:	Code list responsible agency, coded	C	an.3	NULL

Remarks:

This segment is used to specify the percentages that will be deducted or added to the invoice amount if it is paid before or after the due date. Only one occurrence of this segment will be used per PAT segment. The rate indication is mandatory for the discounts.

Example:

PCD + 12: 2.5: 13 ' -----Discount rate: 2.5% of the value of the Invoice.

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
MOA	+		MONETARY AMOUNT	C			
		C516	Monetary Amount	C			
		5025	+	Monetary Amount Type qualifier	M	an.3	Expected values: 21= Cash Discount 01G = Calculation Base before special (parafiscal) taxes 02G = Calculation Base after special (parafiscal) taxes 9 = Amount due/amount payable 8= Charge amount or Discount
		5004	:	Monetary Amount	R	n.18	Actual value being discounted.
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify monetary values which will be allowed if the invoicee pays before the due date.

Example:

MOA+21:100'
Cash discount of 100 expressed as an amount

ALC segment Header level (Segment group 15) ALC-PCD-MOA-TAX

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
ALC	+	ALLOWANCE OR CHARGE	C				
		5463	Allowance or charge qualifier	M	an..3	Expected values: A (Allowance) C (Charge)	
		C552	ALLOWANCE/CHARGE INFORMATION	C			
		1230	+	Allowance or charge number	C	an.35	EAN code of the Pare fiscal tax
		5189	:	Charge/allowance description, coded	C	an..3	
		4471	+	Settlement, coded	R	an..3	Expected values: 1 (Bill Back) 2 (Off Invoice)
		1227	+	Calculation sequence indicator, coded	C	an..3	1 = First step of calculation 2 = Second step of calculation etc. 9 = Ninth step of calculation
		C214		SPECIAL SERVICES IDENTIFICATION	C		
		7161	+	Special services, coded	R	an..3	FC = Transportation Charge MAC = Minimum Order/Minimum Billing Charge SAI = Loading/Unloading Charge AA = Advertising Discount PAD = Promotional Allowance QD = Quantity Discount RAA = Rebate TD = Trade Discount
		1131	:	Code list qualifier	C	an..3	Not required

		3055	:	Code list responsible agency, coded	C	an..3	Not required
		7160	:	Special service	R	an..35	Wording
		7160	:	Special service	C	an..35	

Remarks:

This segment is used to identify the allowance or charge details

Example:

ALC+C++2+1+FC:::TRANSPORT FRANCE'

ALC+A++2+1+QD:::REMISE IMPLANTATION'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
PCD	+			PERCENTAGE DETAILS	C		
		C501		PAYMENT TERMS	C		
		5245	+	Percentage Qualifier	M	an.3	1 = Allowance 2 = Charge
		5482	:	Percentage	R	n.10	Percentage value
		5249	:	Percentage basis, coded	C	an.3	Not required
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Code list responsible agency, coded	C	an.3	Not required

Remarks:

This segment is used to specify the allowance or charge percentages for the ALC segment.

Example:

PCD+1:1.45'

Rebate of 1.45 %.

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
MOA	+		MONETARY AMOUNT	C			
		C516	Monetary Amount	M			
		5025	+	Monetary Amount Type qualifier	M	an.3	Expected values: 8= Allowance or charge amount
		5004	:	Monetary Amount	R	n.18	Amount excluding TAX Amount
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the total monetary value per allowance or charge type and the calculation basis for the ALC group. For purposes of electronic Invoicing, if the allowance or charge is expressed as an amount, specification of the amount is mandatory.

Example:

MOA+8:16'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
TAX	+		DUTY/TAX/CHARGES DETAILS	C		
		5283	Duty/tax/fee function qualifier	M	an.3	Default code= 7
		C241	DUTY/TAX/FEE TYPE	R		

	5153	+	Duty/tax/fee type, coded	R	an.3	Default Value= VAT
	1131	:	Code list qualifier	C	an.3	Not Required
	3055	:	Code list responsible agency, cod	C	an.3	Not Required
	5152	:	Duty/tax/fee type	C	an.35	Not Required
	C533		DUTY/TAX/FEE ACCOUNT DETAIL	C		
	5289	+	Duty/tax/fee account identification	C	an.6	Not Required
	1131	:	Code list qualifier	C	an.3	Not Required
	3055	:	Code list responsible agency, cod	C	an.3	Not Required
	5286	+	Duty/tax/fee assessment basis	C	an.15	Not Required
	C243		DUTY/TAX/FEE DETAIL	R		
	5279	+	Duty/tax/fee rate identification	C	an.7	Not Required
	1131	:	Code list qualifier	C	an.3	Not Required
	3055	:	Code list responsible agency, cod	C	an.3	Not Required
	5278	:	Duty/tax/fee rate	R	an.17	VAT Rate
	5273	:	Duty/tax/fee rate basis identifier	C	an.12	Not Required
	1131	:	Code list qualifier	C	an.3	Not Required
	3055	:	Code list responsible agency, cod	C	an.3	Not Required
	5305	+	Duty/tax/fee category, coded	C	an.3	Not Required
	3446	+	Party tax identification number	C	an.20	Not Required

Remarks:

The TAX segment indicates whether the allowances and charges specified in Group 15 ALC are subject to tax or duty.

This TAX segment is mandatory if vendor includes ALC segment.

Example:

TAX+7+VAT+++:::20.00'

Here in the example, the TAX/VAT Rate is 20.00

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
LIN	+	LINE ITEM DETAILS	M		
	1082 +	Line item number	R	n.6	Line Item number
	1229 +	Action Request code	C	an.3	Not Required
	C212	ITEM NUMBER IDENTIFICATION	R		
	7140 +	Item number	R	an.35	EAN code as received in the PO
	7143 :	Item loading count Number type code	R	an.3	Default value EN (Code for International Article numbering Association (EAN))
	1131 :	Code list Qualifier	C	an.3	Not required
	3055 :	Code list responsible agency, coded	C	an.3	Not required
	C829	SUB LINE INFORMATION	C		
	5495 +	Sub Line Indicator, coded	C	an.3	Not required
	1082 :	Line item Number	C	an.2	Not required

	1222	+	Configuration Level	C	an.6	Not required
	7083	+	Configuration, coded	C	an.3	Not required

Remarks:

This segment is used to provide the Line item number & EAN details of the item delivered.

Example:

LIN+1++3279390304136:EN'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
PIA	+	ITEM DETAILS	C			
	4347	ITEM ID qualifier	M	an.3	Default value as per the below types: 5 = Article Identification	
	C212	ITEM Number	M			
	7140	+	Article Number	R	an.35	Supplier article number
	7143	:	Code Type	R	an.3	Default value= SA (Resemble Supplier Article Number)
	1131	:	Code list Qualifier	C	an.3	Not required
	3055	:	Code list responsible agency, coded	C	an.3	Not required

Remarks:

This segment is used to specify supplier 's Item number for the item ordered.

Example:

PIA+5+25588903:SA'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
IMD	+			ITEM DETAILS	R		
		7077		Item Type	R	an.3	Default code: E (Resemble Free Form Short description)
		7081	+	Characteristic code	C	an.3	Default code as per below: ANM = Name of the article (code GS1) TPE = Article Type (Code GS1)
		C273		ITEM DESCRIPTION	C		
		7009	+	Item Description Identification	C	an.17	NULL
		1131	:	Code list Qualifier	C	an.3	NULL
		3055	:	Code list Responsible	C	an.3	NULL
		7008	:	Item description 1	C	an.35	Description of the Ordered product
		7008	:	Item description 2	C	an.35	Description of the Ordered product
		3453	:	Language coded	C	an.3	Not required
		7383	+	Surface/layer indicator, (coded)	C	an.3	Not required

Remarks:

This segment is used to describe the ordered line item.

Example:

IMD+E+ANM+:::CORN CRISPIESCASE'

QTY SEGMENTS:

QTY	Quantity Details	Number of Repeats= 2	Mandatory (M)
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SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
QTY	+	C186		QUANTITY DETAILS	R		
		6063		Quantity Qualifier	M	an.3	Default value as per the below: 47 = Quantity invoiced
		6060	:	Quantity	M	n.15	Quantity
		6411	:	Measure unit qualifier	R	an.3	Unit of Measure can be as mentioned in the Order or it can be supplier's own UoM. e.g: EA , PK etc.

Remarks:

This segment is used to specify the total quantity for the current line item. In the context of tax dematerialization, the invoiced quantity is mandatory.

Example:

QTY+47:40:EA ' -----Billed quantity of 40 Each.

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
QTY	+	C186		QUANTITY DETAILS	C		
		6063		Quantity Qualifier	M	an.3	Accepted values as below can be used: 52(Resemble quantity per packaging) 59 (Pack Quantity)
		6060	:	Quantity	M	n.15	Number of pack Quantity
		6411	:	Measure unit qualifier	R	an.3	Unit of Measure can be as mentioned in the Order or it can be supplier's own UoM. e.g: EA , PK etc.

Remarks:

This segment is used to specify the total quantity per pack.

Example:

QTY+59:1:EA' or QTY+52:1:EA' --- It shows the pack quantity.

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+	MONETARY AMOUNT	R		
	C516	Monetary Amount	M		
	5025	+ Monetary Amount Type qualifier	M	an.3	Default code: 203 (Net line item amount)
	5004	: Monetary Amount	R	n.18	Amount
	6345	: Currency coded	C	an..3	Not Required
	6343	: Currency Qualifier	C	an..3	Not Required
	4405	: Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the monetary amounts of the line Item. It is calculated by multiplying Item Quantity & Unit price of the item.

Item Amount = (Quantity invoiced * Unit Price)

Example:

MOA+203:230.00'

PRI SEGMENTS:

PRI	Price Details	Number of Repeats= 2
-----	---------------	----------------------

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
PRI	+		PRICE INFORMATION	M			
		C509	Price information	C			
		5125	+	Price qualifier	M	an.3	Default value AAA (code for net price)
		5118	:	Total Price	R	n.15	Net unit price
		5375	:	Price type (coded)	C	an.3	Not Required
		5387	:	Type of price qualifier	C	an.3	Not Required
		5284	:	Unit price basis	C	n.9	Unit price basis
		6411	:	Measure unit qualifier	C	an.3	Base Unit of measurement
		5213	+	Sub-line price change, coded	C	an.3	Not Required

Remarks:

This segment is used to provide the Net Price for the base unit.

Example:

PRI+AAA:124.70:::1:EA' -----Net Price is 124.70

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
PRI	+		PRICE INFORMATION	C			
		C509	Price information	C			
		5125	+	Price qualifier	M	an.3	Default value AAB (code for gross price)
		5118	:	Total Price	R	n.15	Gross Unit price
		5375	:	Price type (coded)	C	an.3	Not Required

		5387	:	Type of price qualifier	C	an.3	Not Required
		5284	:	Unit price basis	C	n.9	Unit price basis
		6411	:	Measure unit qualifier	C	an.3	Base Unit of measurement
		5213	+	Sub-line price change, coded	C	an.3	Not Required

Remarks:

This segment is used to provide the gross Price for the base unit.

Example:

PRI+AAB:124.70:::1:EA' -----Gross Price is 124.70

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153		Reference qualifier	M	an.3	Default value= LI (Resemble code for line item reference number)
		1154	:	Reference number	M	an.35	PO line item reference number. This should match with the Purchase order and it can be up to 5 digits.

Remarks:

This segment is used to specify the Line Item Reference number (as sent in the purchase order)

Example:

RFF+LI:00006',RFF+LI:0006',RFF+LI:006',RFF+LI:06',RFF+LI:6'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
TAX	+	DUTY/TAX/CHARGES DETAILS	M		
	5283	Duty/tax/fee function qualifier	M	an.3	Default code= 7
	C241	DUTY/TAX/FEE TYPE	R		
	5153	+ Duty/tax/fee type, coded	R	an.3	Default Value= VAT
	1131	: Code list qualifier	C	an.3	Not required
	3055	: Code list responsible agency, cod	C	an.3	Not required
	5152	: Duty/tax/fee type	C	an.35	Not required
	C533	DUTY/TAX/FEE ACCOUNT DETAIL	C		
	5289	+ Duty/tax/fee account identification	C	an.6	Not required
	1131	: Code list qualifier	C	an.3	Not required
	3055	: Code list responsible agency, cod	C	an.3	Not required
	5286	+ Duty/tax/fee assessment basis	C	an.15	Not required
	C243	DUTY/TAX/FEE DETAIL	R		
	5279	+ Duty/tax/fee rate identification	C	an.7	Not required
	1131	: Code list qualifier	C	an.3	Not required
	3055	: Code list responsible agency, cod	C	an.3	Not required
	5278	: Duty/tax/fee rate	R	an.17	VAT Rate
	5273	: Duty/tax/fee rate basis identifier	C	an.12	Not required
	1131	: Code list qualifier	C	an.3	Not required

		3055	:	Code list responsible agency, cod	C	an.3	Not required
		5305	+	Duty/tax/fee category, coded	C	an.3	Not required
		3446	+	Party tax identification number	R	an.20	Value must be provided as per the "Tax Identification Codes" table mentioned below.

Remarks:

This segment is used to specify tax (VAT) details for the line item being invoiced.

Example:

TAX+7+VAT+++:::23.00++S'

Here in the example, the TAX/VAT Rate is 23.00

Tax Identification Codes:

Tax Rate in % (TAX/5278)	Tax Identification Code (TAX/3446)	Vendor Origin	Description in English	Description in Portuguese
23	S	PT	PORTUGUESE VENDOR 23%	PROVEDOR PORTUGUES 23%
6	L	PT	PORTUGUESE VENDOR Self - Liquidation 6 %	PROVEDOR PORTUGUES AUTOLIQUIDADO 6%
13	R	PT	PORTUGUESE VENDOR 13%	PROVEDOR PORTUGUES 13%
6	K	PT	PORTUGUESE VENDOR 6%	PROVEDOR PORTUGUES 6%
0	E	EU	VENDOR EUROPEAN UNION NOT PORTUGAL	PROVEDOR UE NO PORTUGUES
0	I	NON EU	VENDOR OUT EUROPEAN UNION	PROVEDOR FUERA UE IMPORTACIÓN

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+				MONETARY AMOUNT
		C516			Monetary Amount

		5025	+	Monetary Amount Type qualifier	M	an.3	Default code =124 (Resembles Total TAX amount)
		5004	:	Monetary Amount	R	n.18	Amount
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the Tax Amount.

Example:

MOA+124:400'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	PIC	DESCRIPTION
UNS	+			SECTION CONTROL	M		
		0081		Section Identification	M	a.1	Default value= S (Resemble section separation)

Remarks:

This segment is used to separate the detail and summary sections of the message.

Example:

UNS+S'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
CNT	+	C270		CONTROL TOTAL	R		

		6069		Control Qualifier	M	a.3	Choose the default code as per below: 1 = Total segments of the quantity on the line level in the message 2 = Number of line items in message 11 = Number of total package
		6066	:	Control Value	M	a.18	Total number

Remarks:

This segment is used to separate the detail and summary sections of the message.

Example:

CNT+2:7'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+			MONETARY AMOUNT	R		
		C516		Monetary Amount	M		
		5025	+	Monetary Amount Type qualifier	M	an.3	Default code can be used as below: 79 (Total line items amount)
		5004	:	Monetary Amount	R	n.18	Amount
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required

		4405	:	Status code	C	an..3	Not Required
--	--	------	---	-------------	---	-------	--------------

Remarks:

This segment is used to specify the summation of all monetary amounts of line level (MOA+203) excluding tax.

Example:

MOA+79:690.00'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+			MONETARY AMOUNT	R		
		C516		Monetary Amount	M		
		5025	+	Monetary Amount Type qualifier	M	an.3	Default code can be used as below: 125 (Taxable amount)
		5004	:	Monetary Amount	R	n.18	Amount
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the monetary amount excluding Tax Amount. The sum of net price times quantity must equal the total net amount added for any costs (freight costs, financial costs, DEEE, ...) and deducted from any discounts.

Sum (QTY+47 x PRI+AAA in all LIN) + MOA+8 (charges) – MOA+8 (allowances) = MOA+125

Example:

MOA+125:2000'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
MOA	+		MONETARY AMOUNT	C		
		C516	Monetary Amount	M		
	5025	+	Monetary Amount Type qualifier	M	an.3	Default code =260 (Resembles Total Allowances)
	5004	:	Monetary Amount	R	n.18	Amount
	6345	:	Currency coded	C	an..3	Not Required
	6343	:	Currency Qualifier	C	an..3	Not Required
	4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the total monetary value per allowance type and the calculation basis for the ALC segment group 38.

Example:

MOA+260:16.45'
Charge of amount 16.45 Euro

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+		MONETARY AMOUNT	R	
		C516	Monetary Amount	M	

	5025	+	Monetary Amount Type qualifier	M	an.3	Default code =124 (Resembles Total TAX amount)
	5004	:	Monetary Amount	R	n.18	Amount
	6345	:	Currency coded	C	an..3	Not Required
	6343	:	Currency Qualifier	C	an..3	Not Required
	4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the Tax Amount.

Example:

MOA+124:400'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
MOA	+	MONETARY AMOUNT	R			
	C516	Monetary Amount	M			
	5025	+	Monetary Amount Type qualifier	M	an.3	Default code can be used as below: 139 (Resembles Total payment amount)
	5004	:	Monetary Amount	R	n.18	Amount
	6345	:	Currency coded	C	an..3	Not Required
	6343	:	Currency Qualifier	C	an..3	Not Required
	4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the monetary amount including Tax Amount. The value must be the summation of MOA+125 and MOA+124.

Example:

MOA+139:2400'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
TAX	+		DUTY/TAX/CHARGES DETAILS	R			
		5283	Duty/tax/fee function qualifier	M	an.3	Default code= 7	
		C241	DUTY/TAX/FEE TYPE	R			
		5153	+	Duty/tax/fee type, coded	R	an.3	Default Value= VAT
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, cod	C	an.3	Not Required
		5152	:	Duty/tax/fee type	C	an.35	Not Required
		C533		DUTY/TAX/FEE ACCOUNT DETAIL	C		
		5289	+	Duty/tax/fee account identification	C	an.6	Not Required
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, cod	C	an.3	Not Required
		5286	+	Duty/tax/fee assessment basis	R	an.15	Taxable amount
		C243		DUTY/TAX/FEE DETAIL	R		

		5279	+	Duty/tax/fee rate identification	C	an.7	Not Required
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, cod	C	an.3	Not Required
		5278	:	Duty/tax/fee rate	R	an.17	VAT Rate
		5273	:	Duty/tax/fee rate basis identifier	C	an.12	Not Required
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, cod	C	an.3	Not Required
		5305	+	Duty/tax/fee category, coded	C	an.3	Not Required
		3446	+	Party tax identification number	C	an.20	Not Required

Remarks:

This segment specifies the duties/Tax/Fee information.

Example:

TAX+7+VAT+++:::23.00'

TAX+7+VAT+++:::23.00++S'

Here in the example, the TAX/VAT Rate is 23.00

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+			MONETARY AMOUNT	R		
		C516		Monetary Amount	M		
		5025	+	Monetary Amount Type qualifier	M	an.3	Default code =124 (Resembles Total TAX amount)
		5004	:	Monetary Amount	R	n.18	Amount of TAX

		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the Tax Amount.

Example:

MOA+124:400'

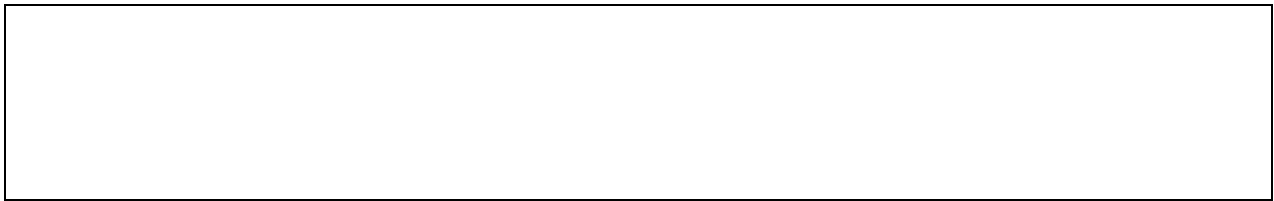
SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
MOA	+			MONETARY AMOUNT	R		
		C516		Monetary Amount	M		
		5025	+	Monetary Amount Type qualifier	M	an.3	Default code can be used as below: 125 (Taxable amount)
		5004	:	Monetary Amount	R	n.18	Amount
		6345	:	Currency coded	C	an..3	Not Required
		6343	:	Currency Qualifier	C	an..3	Not Required
		4405	:	Status code	C	an..3	Not Required

Remarks:

This segment is used to specify the monetary amount excluding Tax Amount.

Example:

MOA+125:2000'



SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNT	+		MESSAGE TRAILER	M		
		0074	Number of segments in a message	M	n.6	Total number of segments in the message
		0062	+	Message reference number	M	an.14

Remarks:

This segment is used to separate the detail and summary sections of the message.

Example:

UNT+12+ 00000000000001'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNZ	+		INTERCHANGE TRAILER	M		
		0036	Interchange Control Count	M	n.6	Number of messages or functional groups within the interchange.
		0020	+	Interchange Control reference	M	an.14

Remarks:

This segment is used to provide the trailer of an interchange.

Example:

UNZ+1+00000092345555'

TAX SUMMARY:

In case where for all line items the Tax Rate is same, the tax summary will look like as below example:

```
.....  
UNS+S'  
CNT+2:3'  
MOA+79:4690'  
MOA+260:141'  
MOA+125:4549'  
MOA+176:728'  
MOA+139:5277'  
TAX+7+VAT+++:::16'  
MOA+176:728'  
MOA+125:4549'  
UNT+64+1'  
UNZ+1+4'
```

In case where the Tax rate is different for line items, the tax summary structure will be as below example:

```
.....  
UNS+S'  
CNT+2:10'  
MOA+125:417.34'  
MOA+79:417.34'  
MOA+176:26.36'  
MOA+139:443.70'  
TAX+7+VAT++292.30+:::5.00'  
MOA+125:292.30'  
MOA+176:14.64'  
TAX+7+VAT++113.55+:::8.00'  
MOA+125:113.55'  
MOA+176:9.08'
```

TAX+7+VAT++11.49+:::23.00'
MOA+125:11.49'
MOA+176:2.64'

4. EXAMPLES:

A.Single Tax Rate Invoice for Brico Portugal

UNA:+.?'
UNB+UNOA:3+8412345000009:14+BRICOTEST01PT:14+210122:1353+000741'
UNH+ME000001+INVOIC:D:96A:UN:EAN007'
BGM+380+IN432097+9'
DTM+137:20210122:102'
FTX+REG+++VENDOR ABC:SAS:5000000EUR'
FTX+ABU+++Deferred VAT'
FTX+TXD+++Products contain WEEE tax according to the listing file'
RFF+ON:0125127421'
RFF+DQ:ASN00001234'
DTM+171:20210120:102'
NAD+IV+BRICOTEST01PT::9++BRICO DEPOT PORTUGAL+Rua Castilho: 5 - 1º Esqº: Sala
13+Lisboa++08820+PT'
RFF+VA:PT510359612'
NAD+SU+8412345000009::9++GERFLOR+SIEGE SOCIAL:50 COURS DE LA
REPUBLIQUE+VILLEURBANNE CEDEX++69627+PT'
FII+RB+99175013380000000033950748'
RFF+VA:FR21726580152'
NAD+BY+BRICOTEST01PT::9'
NAD+DP+8454321000119::9'
CUX+2:EUR:4'
PAT+3'
DTM+13:20210122:102'
ALC+A++2+1+QD:::REMISE IMPLANTATION'
PCD+1:3'
MOA+8:141'
TAX+7+VAT+++:::23.00'
ALC+C++2+1+FC:::TRANSPORT FRANCE'
PCD+1:2'
MOA+8:70'
TAX+7+VAT+++:::23.00'
LIN+1++8412345111112:EN'
IMD+E+ANM+:::CORN CRISPIESCASE1'
QTY+47:40:EA'
QTY+52:1:EA'
MOA+203:2400'

PRI+AAA:60:::1:EA'
RFF+LI:1'
TAX+7+VAT+++:::23.00++S'
MOA+124:552'
LIN+2++8412345222221:EN'
IMD+E+ANM+:::CORN CRISPIESCASE2'
QTY+47:12.65:EA'
QTY+52:1:EA'
MOA+203:2530'
PRI+AAA:200::::KGM'
RFF+LI:2'
TAX+7+VAT+++:::23.00++S'
MOA+124:581.9'
UNS+S'
CNT+2:2'
MOA+79:4930'
MOA+260:71'
MOA+125:4859'
MOA+124:1117.57'
MOA+139:5976.57'
TAX+7+VAT+++:::23.00'
MOA+124:1117.57'
MOA+125:4859'
UNT+61+ME000001'
UNZ+1+000741'

B. Credit note for Brico Portugal

UNA:+.? '
UNB+UNOA:3+8412345000009:14+BRICOTEST01PT:14+210122:1353+000741'
UNH+ME000001+INVOIC:D:96A:UN:EAN007'
BGM+381+IN432097+9'
DTM+137:20210122:102'
FTX+REG+++VENDOR ABC:SAS:5000000EUR'
FTX+ABU+++Deferred VAT'
FTX+TXD+++Products contain WEEE tax according to the listing file'
RFF+ON:0125127421'
RFF+IV:TestINV1234'
DTM+171:20210120:102'
NAD+IV+BRICOTEST01PT::9++BRICO DEPOT PORTUGAL+Rua Castilho: 5 - 1º Esqº: Sala
13+Lisboa++08820+PT'
RFF+VA:PT510359612'
NAD+SU+8412345000009::9++GERFLOR+SIEGE SOCIAL:50 COURS DE LA
REPUBLIQUE+VILLEURBANNE CEDEX++69627+PT'
FII+RB+99175013380000000033950748'
RFF+VA:FR21726580152'
NAD+BY+BRICOTEST01PT::9'
NAD+DP+8454321000119::9'

CUX+2:EUR:4'
PAT+3'
DTM+13:20210122:102'
ALC+A++2+1+QD:::REMISE IMPLANTATION'
PCD+1:3'
MOA+8:141'
TAX+7+VAT+++:::23.00'
ALC+C++2+1+FC:::TRANSPORT FRANCE'
PCD+1:2'
MOA+8:70'
TAX+7+VAT+++:::23.00'
LIN+1++8412345111112:EN'
IMD+E+ANM+:::CORN CRISPIESCASE1'
QTY+47:40:EA'
QTY+52:1:EA'
MOA+203:2400'
PRI+AAA:60:::1:EA'
RFF+LI:1'
TAX+7+VAT+++:::23.00++S'
MOA+124:552'
LIN+2++8412345222221:EN'
IMD+E+ANM+:::CORN CRISPIESCASE2'
QTY+47:12.65:EA'
QTY+52:1:EA'
MOA+203:2530'
PRI+AAA:200:::KGM'
RFF+LI:2'
TAX+7+VAT+++:::23.00++S'
MOA+124:581.9'
UNS+S'
CNT+2:2'
MOA+79:4930'
MOA+260:71'
MOA+125:4859'
MOA+124:1117.57'
MOA+139:5976.57'
TAX+7+VAT+++:::23.00'
MOA+124:1117.57'
MOA+125:4859'
UNT+63+ME000001'
UNZ+1+000741'