



UN/EDIFACT D.96A INVOIC | Message implementation guidelines

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Introduction

The following specification shall be used as the basis for creating UN/EDIFACT INVOIC messages between Pagero and the invoice issuer/recipient.

UN/EDIFACT standard

We use the D.96A version of UN/EDIFACT documents.

We use UNOC syntax and define separators in the UNA-segment as follows: UNA:+.?'

How to use these guidelines

Codes and information shown under the "Usage notes" heading are recommended for use within that particular segment. Others will usually not be required unless stated otherwise.

The following terms are used to indicate the usage of a particular segment or element. Where a group is optional, any mandatory segments within it are only mandatory if the group itself is used. Where a segment is optional, any mandatory elements within it are only mandatory when the segment is used:

MANDATORY (M)	Must be used - as defined by UN/EDIFACT or Pagero.
CONDITIONAL (C)	Usage is determined by specified conditions.
OPTIONAL (O)	May be used by trading partners if bilaterally agreed.

Where a group or segment is not referred to, it is not required to be included in the message. Where a segment is MANDATORY, CONDITIONAL or OPTIONAL and element details are given with appropriate codes, these are the only elements required within that segment.

The complete UN/EDIFACT message definition, from which this subset has been derived, is available at https://service.unece.org/trade/untdid/d96a/trmd/invoic_t.htm.

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Changelog

Date	Change
2023-03-27	Revised version published.
2024-05-03	Clarified line level Buyer order number.



Segment implementation details

Header group

UNB INTERCHANGE HEADER - MANDATORY

Function: This segment is used to envelope the interchange, as well as to identify both,

the party to whom the interchange is sent and the party who has sent the

interchange.

The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has

come.

Ta	ag	Description	Usage	Format	Usage notes
S001		SYNTAX IDENTIFIER	M		
	0001	Syntax identifier	M	a4	UNOC = UN/ECE level C (ISO-8859-1)
	0002	Syntax version number	M	an1	
	0800	Service code list directory version number	С	an6	
	0133	Character encoding, coded	С	an3	
S002		INTERCHANGE SENDER	M		
	0004	Interchange sender identification	М	an35	
	0007	Identification code qualifier	С	an4	
	8000	Interchange sender internal identification	С	an35	
	0042	Interchange sender internal sub-identification	С	an35	
S003		INTERCHANGE RECIPIENT	M		
	0010	Interchange recipient identification	М	an35	
	0007	Identification code qualifier	С	an4	
	0014	Interchange recipient internal identification	С	an35	
	0046	Interchange recipient internal sub- identification	С	an35	
S004		DATE AND TIME OF PREPARATION	M		
	0017	Date	М	n8	
	0019	Time	М	n4	
	0020	Interchange control reference	М	an14	

SEGMENT EXAMPLE

UNB+UNOC:3+4049500000000:14+739999999994:14+220308:1530+00000026

This specifies that the message adheres to the "UNOC" syntax, that the sender's ID is "4049500000000", the receiver's ID is "739999999999" and the date and time as "2022-03-08T15:30".



Header section

UNH MESSAGE HEADER - MANDATORY

Function: A service segment starting and uniquely identifying a message.

Ta	ıg	Description	Usage	Format	Usage notes
0062		MESSAGE REFERENCE NUMBER	M	an14	To specify a unique sequential message reference number.
					This must match the corresponding 0062 element in the UNT segment at the end of the message.
S009		MESSAGE IDENTIFIER	M		
	0065	Message type	M	an6	INVOIC
	0052	Message version number	M	an3	D
	0054	Message release number	M	n3	96A
	0051	Controlling agency	M	an2	UN
	0057	Association assigned code	M	an6	EAN008

SEGMENT EXAMPLE

UNH+12345+INVOIC:D:96A:UN:EAN008'

This specifies that the message is an invoice adhering to the UN/EDIFACT message version number "D.96A" and that its unique sequential message reference number is "12345".



BGM BEGINNING OF MESSAGE - MANDATORY

Function: A segment by which the sender must uniquely identify the invoice by means of

its name and number and when necessary its function.

Element 1004 is used for the invoice number.

Tag	Description	Usage	Format	Usage notes
C002	DOCUMENT/MESSAGE NAME	M		
1001	Document/message name, coded	M	an3	380 = Commercial invoice 381 = Credit note
1131	Code list qualifier	С	an3	
3055	Code list responsible agency, coded	С	an3	Code specifying the party responsible for defining the codes.
1004	Document/message number	M	an35	A reference to identify the message uniquely.
1225	Message function, coded	0	an3	
4343	Response type, coded	0	an3	

SEGMENT EXAMPLE

BGM+380+127852'

This specifies that the message is a commercial invoice numbered "127852".

DTM GLOBAL DATE/TIMES - MANDATORY

Function: This segment should appear at least once to identify the date of issue of the

Invoice. Other dates may be specified in further repetitions as required.

Tag	Description	Usage	Format	Usage notes
C507	DATE/TIME/PERIOD	M		
2005	Date/time/period qualifier	М	an3	A code giving specific meaning to a date, time or period.
				167= Invoice period start date 168 = Invoice period end date 137 = Document/message date 35 = Delivery date 11 = Despatch date 12 = Discount due date 4 = Order date
2380	Date/time/period	М	an35	
2379	Date/time/period format qualifier	М	an3	To specify the format of the date/time. 102 = CCYYMMDD

SEGMENT EXAMPLE

DTM+35:20220415:102'

The delivery date is "15th April 2022".

FTX GLOBAL FREE TEXT - OPTIONAL

Function: A segment with free text information, in coded or clear form, used when

additional information is needed but cannot be accommodated within other

segments.

In computer to computer exchanges such text will normally require the

receiver to process this segment manually.

Ta	ag	Description	Usage	Format	Usage notes
4451		TEXT SUBJECT QUALIFIER	M	an3	AAB = Terms of payments ACB = Additional information REG = Regulatory information (if vat exemption is used)
4453		TEXT FUNCTION, CODED	0	an3	
C107		TEXT REFERENCE	0		
C108		TEXT LITERAL	M		
	4440	Free text	M	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text

SEGMENT EXAMPLE

FTX+AAB+++This is a free text.'

This specifies additional information on document level in free text form.

GROUP 1 MANDATORY

A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.

RFF REFERENCE - MANDATORY

Function: A segment identifying the reference by its number and where appropriate a

line number within a document.

Tag	Description	Usage	Format	Usage notes
C506	REFERENCE	M		
1153	Reference qualifier	M	an3	CT = Agreement reference IT = Customer number DQ = Delivery note number IV = Document reference number CR = Receiver reference number ON = Buyer order number VN = Supplier order number AEP = Project id PQ = OCR (Payment reference)
1154	Reference number	М	an35	To specify the actual reference.

SEGMENT EXAMPLE

RFF+CR:0176347'

This specifies "0176347" as the receiver's reference number.



DTM GLOBAL DATE/TIMES - MANDATORY

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

Tag	Description	Usage	Format	Usage notes
C507	DATE/TIME/PERIOD	M		
2005	Date/time/period qualifier	M	an3	A code giving specific meaning to a date, time or period. 171 = Reference Date/Time
2380	Date/time/period	М	an35	171 - Neterence Bute, Time
2379	Date/time/period format qualifier	M	an3	To specify the format of the date/time

102 = CCYYMMDD

SEGMENT EXAMPLE

DTM+171:20220415:102'

The reference date of the invoice is "15th April 2022".

GROUP 2 MANDATORY

A group of segments identifying the parties with associated information.

This segment must appear at least twice to define the seller and the buyer but can also be used to define up to seven other parties.

NAD NAME AND ADDRESS - MANDATORY

Function: The vendor / supplier and buyer parties are required parties and both require

the party code (C082 composite) for the invoice message. Other parties may be

specified if known.

Ta	ag	Description	Usage	Format	Usage notes
3035	Ü	PARTY QUALIFIER	M	an3	BY = Buyer party CN = Consignee party DP = Deliveree party II = Issuer of invoice IV = Invoicee, invoice recipient SU/SE = Seller
C082		PARTY IDENTIFICATION DETAILS	С		
CUUZ	3039	Party id identification	M	an17	Code to identify the party by
		·		a1117	specifying agreed code
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	To specify the controlling agency of the code specified
			_		
C058	2424	NAME AND ADDRESS	C	2-	N 611
	3124	Name and address line	M	an35	Name of the party
	3124	Name and address line	С	an35	First line of the party's address
	3124	Name and address line	С	an35	Second line of the party's address
	3124	Name and address line	С	an35	Third line of the party's address
	3124	Name and address line	С	an35	Fourth line of the party's address
C080		PARTY NAME	С		
	3036	Party name	M	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an3	
6050		CTREET			
C059	2042	Street and number/D.O. Box	C	2n 2F	
	3042 3042	Street and number/P.O. Box Street and number/P.O. Box	M C	an35 an35	
	3042	Street and number/P.O. Box	C	an35	
	3042	Street and number/P.O. DOX	C	a1133	
	3164	City name	С	an35	
	2222	0 1 1 11 11			
	3229	Country sub-entity id	С	an9	
	3251	Postcode identification	С	an9	
	3207	Country, coded	С	an3	



NAD+SU+++PAGERO AB+BOX 11006:PACKHUSPLATSEN 2+GOTHENBURG++40421+SE'

This specifies the seller as "Pagero AB" with the corresponding address information.



FII FINANCIAL INSTITUTION INFORMATION - OPTIONAL

Function: A segment identifying the financial institution (e.g. bank) and relevant account

numbers for the seller, buyer and where necessary other parties e.g. the buyer

may provide a choice of financial institutions for direct debit purposes.

Ta	ag	Description	Usage	Format	Usage notes
3035		PARTY QUALIFIER	M	an3	BB = Buyer's bank RB = Receiving bank BF = Beneficiaries bank
C078		ACCOUNT IDENTIFICATION	M		
	3194	Account holder number	М	an17	If account number starts with two letters it will be interpreted as IBAN.
	3192	Account holder name	0	an35	
C088		INSTITUTION IDENTIFICATION	M		
	3433	Institution name identification	M	an11	BK = Swedish bankgiro PO = Swedish plusgiro
	1131	Code list qualifier	С	an3	25 = SWIFT/BIC
	3055	Code list responsible agency, coded	С	an3	
	3434	Institution branch number	М	an17	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	
	3432	Institution name	С	an70	
	3436	Institution branch place	С	an70	
3207		COUNTRY, CODED	С	an3	

SEGMENT EXAMPLE

FII+RB+5559-2414:Nordea+BK'

This specifies a Bankgiro account and that "Nordea" is the Seller's bank, the seller's account number is "5559-2414".

FII+RB+SE1234567890+HANDSESS:25:5'

This specifies an IBAN account with number "SE1234567890" with SWIFT/BIC: "HANDSESS".

FII+RB+1234567890+HANDSESS:25:5'

This specifies a regular/basic bank (BBAN) account with number "1234567890" with SWIFT/BIC: "HANDSESS".

GROUP 3 OPTIONAL

A group of segment for giving references only relevant to the specified party

rather than the whole invoice.

RFF PARTY REFERENCE - MANDATORY

Function: A segment identifying the reference by its number and where appropriate a

line number within a document.

Tag	Description	Usage	Format	Usage notes
C506	REFERENCE	M		
11	.53	М	an3	VA = VAT number FC = VAT registration IT = Customer number XA = Organization number
11	.54	М	an35	To specify the actual reference

SEGMENT EXAMPLE

RFF+VA:SE568898799901'

This specifies a VAT number as "SE568898799901".



GROUP 5 OPTIONAL

A group of segments giving contact details of the specific person or department

within the party identified in the NAD segment.

CTA PARTY CONTACT DETAILS - MANDATORY

Function: To identify a person or a department to whom communication should be

directed.

Tag	3	Description	Usage	Format	Usage notes
3139		CONTACT FUNCTION, CODED	M	an3	IC = Information contact AD = Accounting contact
C056		DEPARTMENT OR EMPLOYEE DETAILS	M		
	3413	Department or employee identification	0	an17	
	3412	Department or employee	M	an35	To specify the full name of the contact

SEGMENT EXAMPLE

CTA+IC+:JOHN DOE'

This specifies that "John Doe" is the information contact of the identified party.

GROUP 5 OPTIONAL

A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

COM COMMUNICATION CONTACT - OPTIONAL

Function: A segment to identify a communications type and number for the contact

specified in the CTA segment.

This reference is optional and there may be up to 4 occurrences to specify the telephone and/or fax numbers, and if applicable the electronic mail, for the

contact of each party.

Tag		Description	Usage	Format	Usage notes
C076		COMMUNICATION CONTACT	M		
31	.48	Communication number	М	an25	To specify the senders telephone, telefax, telex no etc.
31	.55	Communication channel qualifier	М	an3	TE = Telephone FX = Fax EM = Email

SEGMENT EXAMPLE

COM+hello@company.com:EM'

This specifies "hello@company.com" as the email address for the CTA contact.



GROUP 7 MANDATORY

A group of segments specifying the currencies and related dates/periods valid for the whole invoice.

Currency data may be omitted in national applications but will be required for international transactions.

CUX GLOBAL CURRENCIES - MANDATORY

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

Ta	ag	Description	Usage	Format	Usage notes
C504		CURRENCY DETAILS	M		
	6347	Currency details qualifier	M	an3	2 = Reference currency
	6345	Currency, coded	M	an3	According to ISO 4217
	6343	Currency qualifier	M	an3	4 = Invoicing currency
	6348	Currency rate base	С	n4	
C504		CURRENCY DETAILS	0		
	6347	Currency details qualifier	M	an3	3 = Target currency
	6345	Currency, coded	M	an3	According to ISO 4217
	6343	Currency qualifier	M	an3	3 = Source currency
	6348	Currency rate base	С	n4	
5402		RATE OF EXCHANGE	0	n12	
6341		CURRENCY MARKET EXCHANGE, CODED	0	an3	

SEGMENT EXAMPLE

CUX+2:EUR:4+3:USD:3+1.325'

This specifies "EUR" as the reference and invoicing currency and "USD" as the target currency, as well as "1.325" as the exchange rate.



GROUP 8 OPTIONAL

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

This group may be repeated in order to specify the terms of payment applicable to the whole invoice if required.

PAT PAYMENT TERMS BASIS - MANDATORY

Function: To specify the payment terms basis.

Ta	ag	Description	Usage	Format	Usage notes
4279		PAYMENT TERMS TYPE QUALIFIER	M	an3	3 = Fixed Data
					20 = Penalty terms
C110		PAYMENT TERMS	0		
	4277	Terms of payment identification	M	an17	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	
	4276	Terms of payment	С	an35	
	4276	Terms of payment	С	an35	
C112		TERMS/TIME INFORMATION	0		
	2475	Payment time reference, coded	M	an3	
	2009	Time relation, coded	С	an3	
	2151	Type of period, coded	С	an3	
	2152	Number of periods	С	n3	

SEGMENT EXAMPLE

PAT+3'

This specifies a fixed date for the payment terms.

GROUP 8 OPTIONAL (continued)

DTM GLOBAL DATE/TIMES - MANDATORY

Function: A segment giving the specific date/time/period, if needed, of any payments,

discounts, installments etc.

	Tag	Description	Usage	Format	Usage notes
C	507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	an3	A code giving specific meaning to a date, time or period. 13 = Terms net due date
					15 – Terriis fiet due date
	2380	Date/time/period	M	an35	
	2379	Date/time/period format qualifier	М	an3	To specify the format of the date/time
					102 = CCYYMMDD

SEGMENT EXAMPLE

DTM+13:20220415:102'

This specifies "15th April 2022" as the payment terms net due date.



GROUP 8 OPTIONAL (continued)

PCD PAYMENT TERMS PERCENTAGE DETAILS - OPTIONAL

Function: A segment specifying the discount, interest, penalty as well as installment

percentage.

Tag	Description	Usage	Format	Usage notes
C501	PERCENTAGE DETAILS	M		
5245	Percentage qualifier	M	an3	15 = Penalty Percentage
5482	Percentage	M	n8	
5249	Percentage basis, coded	0	an3	
1131	Code list qualifier	С	an3	
3055	Code list qualifier agency, coded	С	an3	

SEGMENT EXAMPLE

PCD+15:10'

This specifies that a "10%" late payment penalty percentage applies to the whole invoice.



GROUP 12 OPTIONAL

A group of segments indicating the terms of delivery for the whole document.

TOD TERMS OF DELIVERY - MANDATORY

Function: A segment identifying the delivery terms to be used e.g. UN INCOTERMS 1990

codes are recommended whenever possible.

Ta	ıg	Description	Usage	Format	Usage notes
4055		TERMS OF DELIVERY FUNCTION, CODED	M	an3	6 = Delivery
4215		TRANSPORT CHARGES METHOD OF PAYMENT, CODED	0	an3	
C100		TERMS OF DELIVERY	С	an3	
	4053	Terms of delivery, coded	С	an3	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	
	4052	Terms of delivery or transport	С	an70	
	4052	Terms of delivery or transport	С	an70	

SEGMENT EXAMPLE

TOD+6++EXW:2:9:Goods delivered duty unpaid'

This specifies delivery terms code "EXW" and the delivery terms "Goods delivered duty unpaid".



GROUP 15 OPTIONAL

A group of segments specifying allowances and charges for the whole invoice.

ALC ALLOWANCE OR CHARGE - MANDATORY

Function: A segment identifying the charge or allowance and, where necessary, its

calculation sequence.

Ta	ng	Description	Usage	Format	Usage notes
5463		ALLOWANCE OR CHARGE QUALIFIER	М	an3	C = charge A = allowance
C552		ALLOWANCE/CHARGE INFORMATION	С		
	1230	Allowance or charge number	0	an35	
	5189	Charge/allowance description, coded	0	an3	According to UNCL5189
4471		SETTLEMENT, CODED	M	an3	
1227		CALCULATION SEQUENCE INDICATOR,	0	an3	
C214		SPECIAL SERVICES IDENTIFICATION	M		
	7161	Special services, coded	С	an3	According to UNCL7161
	1131	Code list qualifier	0	an3	
	3055	Code list responsible agency, coded	С	an3	
	7160	Special service	С	an35	
	7160	Special service	С	an35	

SEGMENT EXAMPLE

ALC+A++67++CAC::87:DISCOUNT'

This specifies a discount with the description "DISCOUNT".

GROUP 18 OPTIONAL

A group of segments specifying the percentage for the allowance or charge.

PCD PERCENTAGE DETAILS - OPTIONAL

Function: A segment identifying the percentage and the percentage basis for the

calculation of the allowance or charge.

Tag	Description	Usage	Format	Usage notes
C501	PERCENTAGE DETAILS	M		
5245	Percentage qualifier	M	an3	3 = Allowance or charge
				percentage
5482	Percentage	M	n8	
5249	Percentage basis, coded	0	an3	
1131	. Code list qualifier	С	an3	
3055	Code list qualifier agency, coded	С	an3	

SEGMENT EXAMPLE

PCD+3:10'

This specifies that a "10%" penalty percentage applies to the allowance or charge.



GROUP 19 OPTIONAL

A group of segments specifying a monetary amount for an allowance or charge.

MOA MONETARY AMOUNT - MANDATORY

Function: A segment identifying the monetary amount for the allowance or charge.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	204 = Allowance or charge amount
5004	Monetary amount	M	n18	
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+204:100.00'

This specifies that the allowance or charge amount is "100.00".



GROUP 21 OPTIONAL

A group of segments specifying tax related information for the allowance or charge and, when necessary.

TAX DUTY/TAX/FEE DETAILS - OPTIONAL

Function: A segment specifying a tax type, category and rate, or exemption, relating to

the line item, e.g. Value Added Tax at the standard rate is applicable for this

item.

Ta	ag	Description	Usage	Format	Usage notes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M	an3	7 = Tax
C241		DUTY/TAX/FEE TYPE	M		
	5153	Duty/tax/fee type, coded	М	an3	VAT = Value added tax
C533		DUTY/TAX/FEE ACCOUNT DETAIL	С		
5286		DUTY/TAX/FEE ASSESSMENT BASIS	С	an15	
C243		DUTY/TAX/FEE DETAIL	С		
	5279	Duty/tax/fee rate identification	С	an7	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	
	5278	Duty/tax/fee rate	С	an17	
5305		DUTY/TAX/FEE CATEGORY, CODED	M	an3	E = Exemption S = Standard Z = Zero rated
3446		PARTY TAX IDENTIFICATION NUMBER	С	an20	

SEGMENT EXAMPLE

TAX+7+VAT+++:::25+S'

This specifies a standard VAT rate of "25%".



GROUP 21 OPTIONAL (continued)

MOA MONETARY AMOUNT - MANDATORY

Function: A segment specifying the amount for the allowance or charge.

Further occurrences can be used to specify additional amounts if required.

The currency should only be specified if different from the invoice default

currency.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	124 = Tax amount
5004	Monetary amount	M	n18	To specify the actual amount
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+124:4081.00'

This specifies that the allowance or charge amount is "4081.00".



Line item details

GROUP 25 MANDATORY

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

There should be at least one occurrence of this group within an invoice, but not

necessarily in a credit note or a debit note.

This segment group may be repeated to give sub-line details.

LIN LINE ITEM IDENTIFICATION - MANDATORY

Function: A segment identifying the line item by the line number and configuration level,

and additionally, identifying the product or service ordered.

Other product identification numbers e.g. Buyer product number, etc. can be

specified within the following PIA segment.

Ta	ng	Description	Usage	Format	Usage notes
1082		LINE ITEM NUMBER	M	n6	
1229		ACTION REQUEST/NOTIFICATION,	С	an3	
		CODED			
C212		ITEM NUMBER IDENTIFICATION	С		
	7140	Item number	С	an35	
	7143	Item number type, coded	С	an3	EN = EAN

SEGMENT EXAMPLE

LIN+1++0847976000005:EN'

This specifies the 1st line item number and the item identification number "0847976000005" (EAN code).



PIA ADDITIONAL PRODUCT ID - MANDATORY

Function: A segment providing either additional identification to the product specified in

the LIN segment (e.g. Harmonized System number), or provides any substitute

product identification..

Ta	ıg	Description	Usage	Format	Usage notes
4347		PRODUCT ID. FUNCTION QUALIFIER	M	an3	5 = Product identification
C212		ITEM NUMBER IDENTIFICATION	M		
	7140	Item number	С	an35	
	7143	Item number type, coded	С	an3	SA = Supplier's article number MF = Manufacturer's article number BP = Buyer's part number NB = Lot number

SEGMENT EXAMPLE

PIA+5+Q002805:BP'

This specifies buyer's part number "Q002805" as an additional product identifier.

GROUP 25 MANDATORY (continued)

IMD ITEM DESCRIPTION - OPTIONAL

Function: A segment for describing the product or service being invoiced as well as

product characteristic.

This segment should be used for products or services that cannot be fully

identified by a product code or article number.

Ta	ag	Description	Usage	Format	Usage notes
7077		ITEM DESCRIPTION TYPE, CODED	M	an3	F= Free Form
7081		ITEM CHARACTERISTIC, CODED	С	an3	
C273		ITEM DESCRIPTION	M		
	7009	Item description identification	C	an7	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	C	an3	
	7008	Item description	М	an35	
	7008	Item description	С	an35	

SEGMENT EXAMPLE

IMD+F++::::PWA V.35 AB'

This specifies the item description "PWA V.35 AB".



QTY MESSAGE HEADER - MANDATORY

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

Tag	Description	Usage	Format	Usage notes
C186	QUANTITY DETAILS	M		
6063	Quantity qualifier	M	an3	47 = Invoiced quantity 21 = Ordered quantity 46 = Delivered quantity
6060	Quantity	M	n15	
6411	Measure unit qualifier	С	an3	

SEGMENT EXAMPLE

QTY+47:31:PCE'

This specifies the invoiced quantity is "31" and unit is "PCE".



DTM DELIVERY DATE/TIMES - OPTIONAL

Function:

Tag	Description	Usage	Format	Usage notes
C507	DATE/TIME/PERIOD	M		
2005	Date/time/period qualifier	M	an3	
2380	Date/time/period	М	an35	35 = Delivery date/time 117/128 = Delivery start/end date/time
2379	Date/time/period format qualifier	M	an3	102 = CCYYMMDD

SEGMENT EXAMPLE

DTM+35:20220413:102'

This specifies that the delivery date is "13th April 2023".



FTX FREE TEXT - OPTIONAL

Function: A segment with free text information, in coded or clear form, used when

additional information is needed but cannot be accommodated within other

segments.

In computer to computer exchanges such text will normally require the

receiver to process this segment manually.

Ta	ag	Description	Usage	Format	Usage notes
4451		TEXT SUBJECT QUALIFIER	M	an3	ACB = Additional information REG = Regulatory information (if tax exemption is used) SUR = Supplier remarks
			_	_	
4453		TEXT FUNCTION, CODED	0	an3	
C107		TEXT REFERENCE	0		
C108		TEXT LITERAL	M		
	4440	Free text	M	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text
	4440	Free text	С	an70	The actual text

SEGMENT EXAMPLE

FTX+ACB+++FLAT PACKED'

This specifies "FLAT PACKED" as additional free text information at line level.



GROUP 26 MANDATORY

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

MOA MONETARY AMOUNT - MANDATORY

Function: A segment specifying any monetary amounts relating to the product, e.g. item

amount, insurance value, customs value.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	203 = Line item amount
5004	Monetary amount	М	n18	To specify the actual amount
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+124:4081.00:USD'

This specifies an invoice line item amount is "USD 4081.00".



GROUP 28 OPTIONAL

A group of segments identifying the relevant pricing information for the goods

or services invoiced.

PRI PRICE DETAILS - MANDATORY

Function: A segment to specify the price type and amount.

The price used in the calculation of the line amount will be identified as 'Price'.

Tag	Description	Usage	Format	Usage notes
C509	PRICE INFORMATION	M		
5125	Price qualifier	M	an3	AAA = Calculation net AAB = Gross amount
5118	Price	M	an15	To specify the actual price
5375	Price type, coded	С	an3	
5387	Price type qualifier	0	an3	

SEGMENT EXAMPLE

PRI+AAA:6.73'

This specifies a net unit price of "6.73".



GROUP 29 MANDATORY

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

item.

RFF REFERENCE - MANDATORY

Function: A segment identifying the reference by its number and where appropriate a

line number within a document.

	Tag	Description	Usage	Format	Usage notes
C50	6	REFERENCE	M		
	1153	Reference qualifier	М	an3	IV = Invoice number ACW = Reference number to previous message ON = Buyer order number SS = Seller order number BN = Booking number AUO = Cost center CT = Agreement reference SE = Serial number
	1154	Reference number	M	an35	To specify the actual reference.
	1156	Line number	С	an6	Row line number when data element 1153 has qualifier ON.

SEGMENT EXAMPLE

RFF+ON:13311'

This specifies a reference to purchase order number "13311".



GROUP 33 OPTIONAL

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

TAX DUTY/TAX/FEE DETAILS - MANDATORY

Function: A segment specifying a tax type, category and rate, or exemption, relating to

the line item.

Ta	ag	Description	Usage	Format	Usage notes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M	an3	7 = Tax
C241		DUTY/TAX/FEE TYPE	M		
	5153	Duty/tax/fee type, coded	M	an3	VAT = Value added tax
C533		DUTY/TAX/FEE ACCOUNT DETAIL	0		
5286		DUTY/TAX/FEE ASSESSMENT BASIS	0	an15	
C243		DUTY/TAX/FEE DETAIL	С		
	5279	Duty/tax/fee rate identification	0	an7	
	1131	Code list qualifier	0	an3	
	3055	Code list responsible agency, coded	0	an3	
	5278	Duty/tax/fee rate	С	an17	
5305		DUTY/TAX/FEE CATEGORY, CODED	M	an3	E = Exemption (if used, add FTX+REG with explanatory text) S = Standard Z = Zero rated
3446		PARTY TAX IDENTIFICATION NUMBER	С	an20	

SEGMENT EXAMPLE

TAX+7+VAT+++:::25+S'

This specifies a standard VAT rate of "25%".



GROUP 33 OPTIONAL (continued)

MOA MONETARY AMOUNT - MANDATORY

Function: A segment specifying the amount for the identified tax/fee.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	124 = Tax amount
5004	Monetary amount	М	n18	To specify the actual amount
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+124:4081.00'

This specifies a tax amount of "4081.00".

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GROUP 34 OPTIONAL

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

NAD NAME AND ADDRESS - MANDATORY

Function: A segment identifying names and addresses of the parties, in coded or clear

form, and their functions relevant to the line item.

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

Ta	ag	Description	Usage	Format	Usage notes
3035		PARTY QUALIFIER	M	an3	SF = Ship from party ST = Ship to party DP = Delivery party CZ = Consignee party
0000		DARTY INCIDENTIAL DETAILS	•		
C082	2222	PARTY IDENTIFICATION DETAILS	С	4-	
	3039	Party id identification	M	an17	Code to identify the party by specifying agreed code
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	To specify the controlling agency of the code specified
C058		NAME AND ADDRESS	С		
COSO	3124	Name and address line	M	an35	The name of the party
	3124	Name and address line	C	an35	1 1
	3124	Name and address line	C	an35	
			-		address
	3124	Name and address line	С	an35	Third line of the party's address
	3124	Name and address line	С	an35	Fourth line of the party's address
C080		PARTY NAME	С		
	3036	Party name	M	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an35	
	3036	Party name	С	an3	
C059		STREET	С		
	3042	Street and number/P.O. Box	M	an35	
	3042	•	С	an35	
	3042	Street and number/P.O. Box	С	an35	
			_		
	3164	City name	С	an35	
	3229	Country sub-entity id	С	an9	
	3251	Postcode identification	С	an9	
	3207	Country, coded	С	an3	



SEGMENT EXAMPLE

NAD+SF+++PAGERO AB+BOX 11006:PACKHUSPLATSEN 2+GOTHENBURG++40421+SE'

This specifies the ship from party as "Pagero AB" with corresponding address information.



GROUP 38 OPTIONAL

A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

ALC ALLOWANCE OR CHARGE - MANDATORY

Function: A segment identifying the charge or allowance and, where necessary, its

calculation sequence.

Ta	ıg	Description	Usage	Format	Usage notes
5463		ALLOWANCE OR CHARGE QUALIFIER	M	an3	C = charge A = allowance
			_		
C552		ALLOWANCE/CHARGE INFORMATION	С		
	1230	Allowance or charge number	0	an35	
	5189	Charge/allowance description, coded	0	an3	
4471		SETTLEMENT, CODED	M	an3	
1227		CALCULATION SEQUENCE INDICATOR, CODED	0	an3	
C214		SPECIAL SERVICES IDENTIFICATION	M		
	7161	Special services, coded	С	an3	
	1131	Code list qualifier	0	an3	
	3055	Code list responsible agency, coded	С	an3	
	7160	Special service	С	an35	

SEGMENT EXAMPLE

ALC+C++++015::87:OCEANFRAKT FCL 40'

This specifies a line level charge with the description "OCEANFRAKT FCL 40".



GROUP 40 OPTIONAL

A group of segments specifying a monetary amount for an allowance or charge.

PCD PERCENTAGE DETAILS - OPTIONAL

Function: A segment identifying the monetary amount for the allowance or charge.

Tag		Description	Usage	Format	Usage notes
C501		PERCENTAGE DETAILS	M		
5	5245	Percentage qualifier	М	an3	1 = Allowance expressed as percentage2 = Charge expressed as percentage
5	5482	Percentage	M	n8	
5	5249	Percentage basis, coded	0	an3	
1	1131	Code list qualifier	0	an3	
3	3055	Code list qualifier agency, coded	0	an3	

SEGMENT EXAMPLE

PCD+1:10'

This specifies that a "10%" allowance rate applies to the line.



GROUP 41 OPTIONAL

A group of segments specifying a monetary amount for an allowance or charge.

MOA MONETARY AMOUNT - MANDATORY

Function: A segment identifying the monetary amount for the allowance or charge.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	8 = Charge or Allowance amount
5004	Monetary amount	M	n18	Rounded amount
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+8:3864.00:USD'

This specifies that the allowance or charge amount is "USD 3856".



GROUP 43 OPTIONAL

A group of segments specifying tax related information for the allowance or charge and, when necessary.

TAX DUTY/TAX/FEE DETAILS - OPTIONAL

Function: A segment specifying the tax type, category, and rate, or exemption, related to

the allowance or charge.

Ta	ag	Description	Usage	Format	Usage notes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M	an3	7 = Tax
C241		DUTY/TAX/FEE TYPE	M		
	5153	Duty/tax/fee type, coded	M	an3	VAT = Value added tax
C533		DUTY/TAX/FEE ACCOUNT DETAIL	С		
5286		DUTY/TAX/FEE ASSESSMENT BASIS	С	an15	
C243		DUTY/TAX/FEE DETAIL	С		
	5279	Duty/tax/fee rate identification	С	an7	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	С	an3	
	5278	Duty/tax/fee rate	С	an17	
5305		DUTY/TAX/FEE CATEGORY, CODED	M	an3	E = Exemption
					S = Standard
					Z = Zero rated
3446		PARTY TAX IDENTIFICATION NUMBER	С	an20	

SEGMENT EXAMPLE

TAX+7+VAT+++:::25+S'

This specifies a standard VAT rate of "25%".



GROUP 43 OPTIONAL (continued)

MOA MONETARY AMOUNT - MANDATORY

Function: A segment specifying the amount for the allowance or charge.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	124 = Tax amount
5004	Monetary amount	М	n18	To specify the actual amount
6345	Currency, coded	С	an3	

SEGMENT EXAMPLE

MOA+124:4081.00'

This specifies that the allowance or charge amount is "4081.00".

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Summary section

UNS SECTION CONTROL - MANDATORY

Function: A service segment placed at the start of the summary section to avoid segment

collision.

Tag Description Usage Format Usage notes

O081 SECTION IDENTIFICATION M a...1 S = Summary section

SEGMENT EXAMPLE

UNS+S'

This specifies the start of the document summary section.



GROUP 48 OPTIONAL

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

MOA MONETARY AMOUNT - MANDATORY

Function: A segment giving the total amounts for the whole invoice message such as

message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount,

total additional amount, sub-total amounts prepaid, total amount prepaid.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	М	an3	9 = Amount due/ amount payable 79 = Total Line Item amount 125 = Taxable amount 165 = Rounding amount 176 = Message total duty/tax/ fee amount
5004	Monetary amount	М	n18	To specify the actual amount
6345	Currency, coded	С	an3	ISO 4217
6343	Currency qualifier	С	an3	3 = Source currency (book keeping currency) 4 = Invoicing currency

SEGMENT EXAMPLE

MOA+9:5111.00:USD'

This specifies that the amount payable is "USD 5111.00".

MOA+176:123.00:SEK:3'

This specifies that the VAT amount in book keeping currency is "123.00 SEK".



GROUP 50 OPTIONAL

A group of segments specifying taxes totals for the invoice.

TAX DUTY/TAX/FEE DETAILS - OPTIONAL

Function: A segment specifying the tax type to be summarized.

Ta	ag	Description	Usage	Format	Usage notes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M	an3	7 = Tax 9 = Tax info (another currency)
C241		DUTY/TAX/FEE TYPE	M	_	
	5153	Duty/tax/fee type, coded	M	an3	VAT = Value added tax
C533		DUTY/TAX/FEE ACCOUNT DETAIL	0		
			_		
5286		DUTY/TAX/FEE ASSESSMENT BASIS	0	an15	
C243		DUTY/TAX/FEE DETAIL	С		
	5279	Duty/tax/fee rate identification	С	an7	
	1131	Code list qualifier	С	an3	
	3055	Code list responsible agency, coded	0	an3	
	5278	Duty/tax/fee rate	0	an17	
5305		DUTY/TAX/FEE CATEGORY, CODED	М	an3	E = Exemption (if used, add FTX+REG with explatory text) S = Standard Z = Zero rated
3446		PARTY TAX IDENTIFICATION NUMBER	С	an20	

SEGMENT EXAMPLE

TAX+7+VAT+++:::25+S'

This specifies a standard VAT rate of "25%".



GROUP 50 OPTIONAL (continued)

MOA MONETARY AMOUNT - MANDATORY

Function: A segment specifying the summary amount for the tax specified.

Tag	Description	Usage	Format	Usage notes
C516	MONETARY AMOUNT	M		
5025	Monetary amount type qualifier	M	an3	125 = Taxable amount 176 = Message total duty/tax/ fee amount
5004	Monetary amount	M	n18	To specify the actual amount
6345	Currency, coded	С	an3	ISO 4217
6343	Currency qualifier	С	an3	3 = Source currency (book keeping currency) 4 = Invoicing currency

SEGMENT EXAMPLE

MOA+125:4089.00' MOA+176:1022.00'

This specifies a taxable amount of "4089.00" and a total tax amount of "1022.00".

If you want to specify tax in another currency:

TAX+7+VAT+++:::25+S'
MOA+125:444.40:EUR:4'
MOA+176:0.00:EUR:4'
TAX+9+VAT+++:::25+S'
MOA+125:4514.84:SEK:3'
MOA+176:0.00:SEK:3'

Note: in this case you must send the currencies in "CUX" as well.



Trailer group

UNT MESSAGE TRAILER - MANDATORY

Function: A service segment ending a message, giving the total number of segments in

the message and the control reference number of the message.

Tag	Description	Usage	Format	Usage notes
0074	NUMBER OF SEGMENTS IN A MESSAGE	М	n6	To specify the total number of segments making up the message inclusive of the UNH and UNT segments.
0062	MESSAGE REFERENCE	М	an14	To specify a unique sequential message reference number.
				This must match the corresponding 0062 element in the UNH segment at the beginning of the message.

SEGMENT EXAMPLE

UNT+34+12345'

This specifies that the message includes "34" segments (incl. UNH and UNT) and that its unique sequential message reference number is "12345".



Appendix A: Example file/s

For more example files, visit Pagero connectivity tool kit.

```
UNB+UNOC: 3+4049500000000: 14+739999999999: 14+110308: 1530+00000026'
UNH+1234+INVOIC:D:96A:UN:EAN008'
BGM+380+127852'
DTM+35:20100415:102'
FTX+AAB+++This is a freetext'
RFF+CR:0176347'
NAD+BY+123++PAGERO AB+BOX 11006:PACKHUSPLATSEN 2+GOTHENBURG++40421+SE'
RFF+IT:123'
RFF+VA:SE000000000001'
CTA+AD+: JOHN DOE'
COM+123456789:TE'
COM+hellop@joedoe.com:EM'
NAD+SU+456++PAGERO AB+BOX 11006:PACKHUSPLATSEN 2+GOTHENBURG++40421+SE'
FII+RB+5559-2414:Nordea+BK'
FII+RB+SE0000000000000+HANDSESS:25:5'
RFF+XA:112233445566'
CTA+IC+: JOHN DOE'
COM+01812341122:TE'
CUX+2:EUR:10+3:SEK:11+1'
PAT+3'
DTM+13:20100718:102'
LIN+1'
IMD+F++::::FRAKT'
QTY+47:3885.00:KGM'
OTY+100:3885.00:KGM'
DTM+35:20210518:102'
MOA+203:466.20:EUR'
PRI+AAA:0.12'
RFF+AAO:631/290025'
RFF+CU: 631/290025'
UNS+S'
MOA+9:466.20:EUR:4'
MOA+125:466.20:EUR:4'
MOA+176:0.00:EUR:4'
MOA+79:466.20:EUR:4'
MOA+165:0.00:EUR:4:29'
MOA+176:0.00:SEK:3'
MOA+125:4514.84:SEK:3'
TAX+7+VAT+++:::25+S'
MOA+124:0.00:EUR:4'
MOA+125:466.20:EUR:4'
TAX+9+VAT+++:::25+S'
MOA+124:0.00:SEK:3'
MOA+125:4514.84:SEK:3'
UNT+54+1'
UNZ+1+SE1234567'
```