UN/EDIFACT D.96A INVOIC

Message implementation guidelines

Version 2.0 | 2023

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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.

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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.

	Tag	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	
	0080	Service code list directory version number	C	an..6	
	0133	Character encoding, coded	C	an..3	
S002		**INTERCHANGE SENDER**	**M**		
	0004	Interchange sender identification	M	an..35	
	0007	Identification code qualifier	C	an4	
	0008	Interchange sender internal identification	C	an..35	
	0042	Interchange sender internal sub-identification	C	an..35	
S003		**INTERCHANGE RECIPIENT**	**M**		
	0010	Interchange recipient identification	M	an..35	
	0007	Identification code qualifier	C	an..4	
	0014	Interchange recipient internal identification	C	an..35	
	0046	Interchange recipient internal sub-identification	C	an..35	
S004		**DATE AND TIME OF PREPARATION**	**M**		
	0017	Date	M	n8	
	0019	Time	M	n4	
	0020	Interchange control reference	M	an..14	

SEGMENT EXAMPLE

```
UNB+UNOC:3+4049500000000:14+7399999999994:14+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 "7399999999994" 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.

Tag	Description	Usage	Format	Usage notes
0062	**MESSAGE REFERENCE NUMBER**	**M**	an..14	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	an..6	INVOIC
0052	Message version number	M	an..3	D
0054	Message release number	M	n..3	96A
0051	Controlling agency	M	an..2	UN
0057	Association assigned code	M	an..6	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".

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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	an..3	380 = Commercial invoice 381 = Credit note
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	Code specifying the party responsible for defining the codes.
1004	Document/message number	M	an..35	A reference to identify the message uniquely.
1225	Message function, coded	O	an..3	
4343	Response type, coded	O	an..3	

SEGMENT EXAMPLE

`BGM+380+127852'`

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

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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	M	an..3	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	M	an..35	
2379	Date/time/period format qualifier	M	an..3	To specify the format of the date/time. 102 = CCYYMMDD

SEGMENT EXAMPLE

```
DTM+35:20220415:102'
```

The delivery date is "15th April 2022".

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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.

Tag	Description	Usage	Format	Usage notes
4451	**TEXT SUBJECT QUALIFIER**	**M**	an..3	AAB = Terms of payments ACB = Additional information REG = Regulatory information (if vat exemption is used)
4453	**TEXT FUNCTION, CODED**	**O**	an..3	
C107	**TEXT REFERENCE**	**O**		
C108	**TEXT LITERAL**	**M**		
4440	Free text	M	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	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	an..3	CT = Agreement reference IT = Customer number DQ = Delivery note number IV = Document reference number CR = Receiver reference number ON = Buyer's order number VN = Supplier's order number AEP = Project id PQ = OCR (Payment reference)
1154	Reference number	M	an..35	To specify the actual reference.

SEGMENT EXAMPLE

`RFF+CR:0176347'`

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

GROUP 1   MANDATORY (continued)

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	an..3	A code giving specific meaning to a date, time or period.
				171 = Reference Date/Time
2380	Date/time/period	M	an..35	
2379	Date/time/period format qualifier	M	an..3	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.

Tag	Description	Usage	Format	Usage notes
3035	**PARTY QUALIFIER**	**M**	an..3	BY = Buyer party CN = Consignee party DP = Deliveree party II = Issuer of invoice IV = Invoicee, invoice recipient SU/SE = Seller
C082	**PARTY IDENTIFICATION DETAILS**	**C**		
3039	Party id identification	M	an..17	Code to identify the party by specifying agreed code
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	To specify the controlling agency of the code specified
C058	**NAME AND ADDRESS**	**C**		
3124	Name and address line	M	an..35	Name of the party
3124	Name and address line	C	an..35	First line of the party's address
3124	Name and address line	C	an..35	Second line of the party's address
3124	Name and address line	C	an..35	Third line of the party's address
3124	Name and address line	C	an..35	Fourth line of the party's address
C080	**PARTY NAME**	**C**		
3036	Party name	M	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..3	
C059	**STREET**	**C**		
3042	Street and number/P.O. Box	M	an..35	
3042	Street and number/P.O. Box	C	an..35	
3042	Street and number/P.O. Box	C	an..35	
3164	City name	C	an..35	
3229	Country sub-entity id	C	an..9	
3251	Postcode identification	C	an..9	
3207	Country, coded	C	an..3	

SEGMENT EXAMPLE

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

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

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GROUP 2   MANDATORY (continued)

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.

Tag		Description	Usage	Format	Usage notes
3035		**PARTY QUALIFIER**	**M**	an..3	BB = Buyer's bank RB = Receiving bank BF = Beneficiaries bank
C078		**ACCOUNT IDENTIFICATION**	**M**		
	3194	Account holder number	M	an..17	If account number starts with two letters it will be interpreted as IBAN.
	3192	Account holder name	O	an..35	
C088		**INSTITUTION IDENTIFICATION**	**M**		
	3433	Institution name identification	M	an..11	BK = Swedish bankgiro PO = Swedish plusgiro
	1131	Code list qualifier	C	an..3	25 = SWIFT/BIC
	3055	Code list responsible agency, coded	C	an..3	
	3434	Institution branch number	M	an..17	
	1131	Code list qualifier	C	an..3	
	3055	Code list responsible agency, coded	C	an..3	
	3432	Institution name	C	an..70	
	3436	Institution branch place	C	an..70	
3207		**COUNTRY, CODED**	**C**	an..3	

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**		
1153		M	an..3	VA = VAT number FC = VAT registration IT = Customer number XA = Organization number
1154		M	an..35	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	Description	Usage	Format	Usage notes
3139	**CONTACT FUNCTION, CODED**	**M**	an..3	IC = Information contact AD = Accounting contact
C056	**DEPARTMENT OR EMPLOYEE DETAILS**	**M**		
3413	Department or employee identification	O	an..17	
3412	Department or employee	M	an..35	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**		
3148	Communication number	M	an..25	To specify the senders telephone, telefax, telex no etc.
3155	Communication channel qualifier	M	an..3	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.

Tag	Description	Usage	Format	Usage notes
C504	**CURRENCY DETAILS**	**M**		
6347	Currency details qualifier	M	an..3	2 = Reference currency
6345	Currency, coded	M	an..3	According to ISO 4217
6343	Currency qualifier	M	an..3	4 = Invoicing currency
6348	Currency rate base	C	n..4	
C504	**CURRENCY DETAILS**	**O**		
6347	Currency details qualifier	M	an..3	3 = Target currency
6345	Currency, coded	M	an..3	According to ISO 4217
6343	Currency qualifier	M	an..3	3 = Source currency
6348	Currency rate base	C	n..4	
5402	**RATE OF EXCHANGE**	**O**	n..12	
6341	CURRENCY MARKET EXCHANGE, CODED	O	an..3	

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.

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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.

Tag	Description	Usage	Format	Usage notes
4279	**PAYMENT TERMS TYPE QUALIFIER**	**M**	an..3	3 = Fixed Data
				20 = Penalty terms
C110	**PAYMENT TERMS**	**O**		
4277	Terms of payment identification	M	an..17	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
4276	Terms of payment	C	an..35	
4276	Terms of payment	C	an..35	
C112	**TERMS/TIME INFORMATION**	**O**		
2475	Payment time reference, coded	M	an..3	
2009	Time relation, coded	C	an..3	
2151	Type of period, coded	C	an..3	
2152	Number of periods	C	n..3	

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
C507	**DATE/TIME/PERIOD**	**M**		
2005	Date/time/period qualifier	M	an..3	A code giving specific meaning to a date, time or period. 13 = Terms net due date
2380	Date/time/period	M	an..35	
2379	Date/time/period format qualifier	M	an..3	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	an..3	15 = Penalty Percentage
5482	Percentage	M	n..8	
5249	Percentage basis, coded	O	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list qualifier agency, coded	C	an..3	

SEGMENT EXAMPLE

`PCD+15:10'`

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

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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.

Tag	Description	Usage	Format	Usage notes
4055	**TERMS OF DELIVERY FUNCTION, CODED**	**M**	an..3	6 = Delivery
4215	**TRANSPORT CHARGES METHOD OF PAYMENT, CODED**	**O**	an..3	
C100	**TERMS OF DELIVERY**	**C**	an..3	
4053	Terms of delivery, coded	C	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
4052	Terms of delivery or transport	C	an..70	
4052	Terms of delivery or transport	C	an..70	

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.

Tag		Description	Usage	Format	Usage notes
5463		**ALLOWANCE OR CHARGE QUALIFIER**	**M**	an...3	C = charge
					A = allowance
C552		**ALLOWANCE/CHARGE INFORMATION**	**C**		
	1230	Allowance or charge number	O	an..35	
	5189	Charge/allowance description, coded	O	an..3	According to UNCL5189
4471		**SETTLEMENT, CODED**	**M**	an..3	
1227		**CALCULATION SEQUENCE INDICATOR, CODED**	**O**	an..3	
C214		**SPECIAL SERVICES IDENTIFICATION**	**M**		
	7161	Special services, coded	C	an..3	According to UNCL7161
	1131	Code list qualifier	O	an..3	
	3055	Code list responsible agency, coded	C	an..3	
	7160	Special service	C	an..35	
	7160	Special service	C	an..35	

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	an..3	3 = Allowance or charge percentage
5482	Percentage	M	n..8	
5249	Percentage basis, coded	O	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list qualifier agency, coded	C	an..3	

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	an..3	204 = Allowance or charge amount
5004	Monetary amount	M	n..18	
6345	Currency, coded	C	an..3	

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.

Tag	Description	Usage	Format	Usage notes
5283	**DUTY/TAX/FEE FUNCTION QUALIFIER**	**M**	an..3	7 = Tax
C241	**DUTY/TAX/FEE TYPE**	**M**		
5153	Duty/tax/fee type, coded	M	an..3	VAT = Value added tax
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	**C**		
5286	**DUTY/TAX/FEE ASSESSMENT BASIS**	**C**	an..15	
C243	**DUTY/TAX/FEE DETAIL**	**C**		
5279	Duty/tax/fee rate identification	C	an..7	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
5278	Duty/tax/fee rate	C	an..17	
5305	**DUTY/TAX/FEE CATEGORY, CODED**	**M**	an..3	E = Exemption S = Standard Z = Zero rated
3446	**PARTY TAX IDENTIFICATION NUMBER**	**C**	an..20	

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	an..3	124 = Tax amount
5004	Monetary amount	M	n..18	To specify the actual amount
6345	Currency, coded	C	an..3	

SEGMENT EXAMPLE

```
MOA+124:4081.00'
```

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

Line item details

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.

Tag	Description	Usage	Format	Usage notes
1082	**LINE ITEM NUMBER**	**M**	n..6	
1229	ACTION REQUEST/NOTIFICATION, CODED	C	an..3	
C212	**ITEM NUMBER IDENTIFICATION**	**C**		
7140	Item number	C	an..35	
7143	Item number type, coded	C	an..3	EN = EAN

SEGMENT EXAMPLE

```
LIN+1++0847976000005:EN'
```

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

GROUP 25   MANDATORY (continued)

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..

Tag	Description	Usage	Format	Usage notes
4347	**PRODUCT ID. FUNCTION QUALIFIER**	**M**	an..3	5 = Product identification
C212	**ITEM NUMBER IDENTIFICATION**	**M**		
7140	Item number	C	an..35	
7143	Item number type, coded	C	an..3	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.

Tag	Description	Usage	Format	Usage notes
7077	**ITEM DESCRIPTION TYPE, CODED**	**M**	an..3	F= Free Form
7081	**ITEM CHARACTERISTIC, CODED**	**C**	an..3	
C273	**ITEM DESCRIPTION**	**M**		
7009	Item description identification	C	an..7	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
7008	Item description	M	an..35	
7008	Item description	C	an..35	

SEGMENT EXAMPLE

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

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

GROUP 25   MANDATORY (continued)

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	an..3	47 = Invoiced quantity
				21 = Ordered quantity
				46 = Delivered quantity
6060	Quantity	M	n..15	
6411	Measure unit qualifier	C	an..3	

SEGMENT EXAMPLE

`QTY+47:31:PCE'`

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

GROUP 25   MANDATORY (continued)

DTM   DELIVERY DATE/TIMES - OPTIONAL

Function:

Tag	Description	Usage	Format	Usage notes
C507	**DATE/TIME/PERIOD**	**M**		
2005	Date/time/period qualifier	M	an..3	
2380	Date/time/period	M	an..35	35 = Delivery date/time 117/128 = Delivery start/end date/time
2379	Date/time/period format qualifier	M	an..3	102 = CCYYMMDD

SEGMENT EXAMPLE

```
DTM+35:20220413:102'
```

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

GROUP 25   MANDATORY (continued)

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.

Tag	Description	Usage	Format	Usage notes
4451	**TEXT SUBJECT QUALIFIER**	M	an..3	ACB = Additional information REG = Regulatory information (if tax exemption is used) SUR = Supplier remarks
4453	**TEXT FUNCTION, CODED**	O	an..3	
C107	**TEXT REFERENCE**	O		
C108	**TEXT LITERAL**	M		
4440	Free text	M	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	The actual text
4440	Free text	C	an..70	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	an..3	203 = Line item amount
5004	Monetary amount	M	n..18	To specify the actual amount
6345	Currency, coded	C	an..3	

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	an..3	AAA = Calculation net AAB = Gross amount
5118	Price	M	an..15	To specify the actual price
5375	Price type, coded	C	an..3	
5387	Price type qualifier	O	an..3	

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
C506	**REFERENCE**	**M**		
1153	Reference qualifier	M	an..3	IV = Invoice number ACW = Reference number to previous message ON = Order number (purchase) SS = Sellers order number BN = Booking number AUO = Cost center CT = Agreement reference SE = Serial number
1154	Reference number	M	an..35	To specify the actual reference.
1156	Line number	C	an..6	Row line number when data element 1153 has qualifier ON.

SEGMENT EXAMPLE

```
RFF+ON:13311'
```

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

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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.

Tag	Description	Usage	Format	Usage notes
5283	**DUTY/TAX/FEE FUNCTION QUALIFIER**	**M**	an..3	7 = Tax
C241	**DUTY/TAX/FEE TYPE**	**M**		
5153	Duty/tax/fee type, coded	M	an..3	VAT = Value added tax
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	**O**		
5286	**DUTY/TAX/FEE ASSESSMENT BASIS**	**O**	an..15	
C243	**DUTY/TAX/FEE DETAIL**	**C**		
5279	Duty/tax/fee rate identification	O	an..7	
1131	Code list qualifier	O	an..3	
3055	Code list responsible agency, coded	O	an..3	
5278	Duty/tax/fee rate	C	an..17	
5305	**DUTY/TAX/FEE CATEGORY, CODED**	**M**	an..3	E = Exemption (if used, add FTX+REG with explanatory text) S = Standard Z = Zero rated
3446	**PARTY TAX IDENTIFICATION NUMBER**	**C**	an..20	

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	an..3	124 = Tax amount
5004	Monetary amount	M	n..18	To specify the actual amount
6345	Currency, coded	C	an..3	

SEGMENT EXAMPLE

```
MOA+124:4081.00'
```

This specifies a tax amount of "4081.00".

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.

Tag	Description	Usage	Format	Usage notes
3035	**PARTY QUALIFIER**	**M**	an..3	SF = Ship from party ST = Ship to party DP = Delivery party CZ = Consignee party
C082	**PARTY IDENTIFICATION DETAILS**	**C**		
3039	Party id identification	M	an..17	Code to identify the party by specifying agreed code
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	To specify the controlling agency of the code specified
C058	**NAME AND ADDRESS**	**C**		
3124	Name and address line	M	an..35	The name of the party
3124	Name and address line	C	an..35	First line of the party's address
3124	Name and address line	C	an..35	Second line of the party's address
3124	Name and address line	C	an..35	Third line of the party's address
3124	Name and address line	C	an..35	Fourth line of the party's address
C080	**PARTY NAME**	**C**		
3036	Party name	M	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..35	
3036	Party name	C	an..3	
C059	**STREET**	**C**		
3042	Street and number/P.O. Box	M	an..35	
3042	Street and number/P.O. Box	C	an..35	
3042	Street and number/P.O. Box	C	an..35	
3164	City name	C	an..35	
3229	Country sub-entity id	C	an..9	
3251	Postcode identification	C	an..9	
3207	Country, coded	C	an..3	

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.

Tag		Description	Usage	Format	Usage notes
5463		**ALLOWANCE OR CHARGE QUALIFIER**	M	an...3	C = charge
					A = allowance
C552		**ALLOWANCE/CHARGE INFORMATION**	C		
	1230	Allowance or charge number	O	an..35	
	5189	Charge/allowance description, coded	O	an..3	
4471		**SETTLEMENT, CODED**	M	an..3	
1227		**CALCULATION SEQUENCE INDICATOR, CODED**	O	an..3	
C214		**SPECIAL SERVICES IDENTIFICATION**	M		
	7161	Special services, coded	C	an..3	
	1131	Code list qualifier	O	an..3	
	3055	Code list responsible agency, coded	C	an..3	
	7160	Special service	C	an..35	

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**		
5245	Percentage qualifier	M	an..3	1 = Allowance expressed as percentage 2 = Charge expressed as percentage
5482	Percentage	M	n..8	
5249	Percentage basis, coded	O	an..3	
1131	Code list qualifier	O	an..3	
3055	Code list qualifier agency, coded	O	an..3	

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	an..3	8 = Charge or Allowance amount
5004	Monetary amount	M	n..18	Rounded amount
6345	Currency, coded	C	an..3	

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.

Tag	Description	Usage	Format	Usage notes
5283	**DUTY/TAX/FEE FUNCTION QUALIFIER**	**M**	an..3	7 = Tax
C241	**DUTY/TAX/FEE TYPE**	**M**		
5153	Duty/tax/fee type, coded	M	an..3	VAT = Value added tax
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	**C**		
5286	**DUTY/TAX/FEE ASSESSMENT BASIS**	**C**	an..15	
C243	**DUTY/TAX/FEE DETAIL**	**C**		
5279	Duty/tax/fee rate identification	C	an..7	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
5278	Duty/tax/fee rate	C	an..17	
5305	**DUTY/TAX/FEE CATEGORY, CODED**	**M**	an..3	E = Exemption S = Standard Z = Zero rated
3446	**PARTY TAX IDENTIFICATION NUMBER**	**C**	an..20	

SEGMENT EXAMPLE

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

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

PAGERO

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	an..3	124 = Tax amount
5004	Monetary amount	M	n..18	To specify the actual amount
6345	Currency, coded	C	an..3	

SEGMENT EXAMPLE

```
MOA+124:4081.00'
```

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

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
0081	**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	M	an..3	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	M	n..18	To specify the actual amount
6345	Currency, coded	C	an..3	ISO 4217
6343	Currency qualifier	C	an..3	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.

	Tag	Description	Usage	Format	Usage notes
5283		**DUTY/TAX/FEE FUNCTION QUALIFIER**	**M**	an..3	7 = Tax 9 = Tax info (another currency)
C241		**DUTY/TAX/FEE TYPE**	**M**		
	5153	Duty/tax/fee type, coded	M	an..3	VAT = Value added tax
C533		**DUTY/TAX/FEE ACCOUNT DETAIL**	**O**		
5286		**DUTY/TAX/FEE ASSESSMENT BASIS**	**O**	an..15	
C243		**DUTY/TAX/FEE DETAIL**	**C**		
	5279	Duty/tax/fee rate identification	C	an..7	
	1131	Code list qualifier	C	an..3	
	3055	Code list responsible agency, coded	O	an..3	
	5278	Duty/tax/fee rate	O	an..17	
5305		**DUTY/TAX/FEE CATEGORY, CODED**	**M**	an..3	E = Exemption (if used, add FTX+REG with explatory text) S = Standard Z = Zero rated
3446		**PARTY TAX IDENTIFICATION NUMBER**	**C**	an..20	

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	an..3	125 = Taxable amount 176 = Message total duty/tax/ fee amount
	5004	Monetary amount	M	n..18	To specify the actual amount
	6345	Currency, coded	C	an..3	ISO 4217
	6343	Currency qualifier	C	an..3	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**	M	n..6	To specify the total number of segments making up the message inclusive of the UNH and UNT segments.
0062	**MESSAGE REFERENCE**	M	an..14	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+7399999999994:14+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+SE000000000000+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'
QTY+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'
```