



INVOIC Invoice message

EDIFACT/D97A/INVOIC : INVOIC Invoice message

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INVOIC

Invoice message

Message Status=2

Definition: A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	35	N1/0030	Must use
0060	IMD	ITEM DESCRIPTION	C	1	N1/0060	Used
0110		Segment Group 1	C	99	N1/0110	Used
0120	RFF	REFERENCE	M	1	N1/0120	Must use
0130	DTM	DATE/TIME/PERIOD	C	5	N1/0130	Used
0200		Segment Group 2	C	99	N1/0200	Used
0210	NAD	NAME AND ADDRESS	M	1	N1/0210	Must use
0370		Segment Group 7	C	5	N1/0370	Used
0380	CUX	CURRENCIES	M	1	N1/0380	Must use

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
1030		Segment Group 25	C	9999999	N2/1030	Used
1040	LIN	LINE ITEM	M	1	N2/1040	Must use
1050	PIA	ADDITIONAL PRODUCT ID	C	25	N2/1050	Used
1080	QTY	QUANTITY	C	5	N2/1080	Used
1110	DTM	DATE/TIME/PERIOD	C	35	N2/1110	Used
1180		Segment Group 26	C	10	N2/1180	Used
1190	MOA	MONETARY AMOUNT	M	1	N2/1190	Must use

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
2090	UNS	SECTION CONTROL	M	1	N3/2090	Must use
2100	CNT	CONTROL TOTAL	C	10	N3/2100	Used
2160		Segment Group 51	C	10	N3/2160	Used
2170	TAX	DUTY/TAX/FEE DETAILS	M	1	N3/2170	Must use
2180	MOA	MONETARY AMOUNT	C	2	N3/2180	Used
2190		Segment Group 52	C	15	N3/2190	Used
2200	ALC	ALLOWANCE OR CHARGE	M	1	N3/2200	Must use
2220	MOA	MONETARY AMOUNT	C	2	N3/2220	Used
2240	UNT	MESSAGE TRAILER	M	1	N3/2240	Must use

Clarification:

- 1/0010 A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC. Note: Invoice messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 INVOIC 0052 D 0054 97A 0051 UN
- 1/0020 A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

- 1/0030 A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date". The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.
- 1/0060 A segment providing a description common to all line items of the invoice.
- 1/0110 A group of segments for giving references and where necessary, their dates, related identification numbers, locations, measurements, quantities, free text and monetary amounts, relating to the whole message, e.g. contract information, import or export license information, despatch advice information.
- 1/0120 A segment identifying the reference by its number and where appropriate a line number within a document.
- 1/0130 A segment specifying the date/time related to the reference.
- 1/0200 A group of segments identifying the parties with associated information.
- 1/0210 A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.
- 1/0370 A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.
- 1/0380 A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.
- 2/1030 A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.
- 2/1040 A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.
- 2/1050 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.
- 2/1080 A segment identifying the product quantities e.g. invoiced quantity.
- 2/1110 A segment specifying date/time/period details relating to the line item only.
- 2/1180 A group of segments specifying any monetary amounts relating to the products and when necessary a currency.
- 2/1190 A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.
- 3/2090 A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.
- 3/2100 A segment by which control totals may be provided by the sender for checking by the receiver.
- 3/2160 A group of segments specifying taxes totals for the invoice.
- 3/2170 A segment specifying the tax type to be summarized.
- 3/2180 A segment specifying the summary amount for the tax specified.
- 3/2190 A group of segments specifying allowances and charges summary totals for the invoice.
- 3/2200 A segment identifying the charge or allowance type to be summarised.
- 3/2220 A segment specifying the summary amount for the allowance or charge.
- 3/2240 A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

Function: To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use
		Description: Identification of the type, version etc. of the message being interchanged.				
UNH020-010	0065	Message type identifier	M	an	1/6	Must use
		Description: Code identifying a type of message and assigned by its controlling agency. All valid standard codes are used. (Total Codes: 145)				
UNH020-020	0052	Message type version number	M	an	1/3	Must use
		Description: Version number of a message type. All valid standard codes are used. (Total Codes: 7)				
UNH020-030	0054	Message type release number	M	an	1/3	Must use
		Description: Release number within the current message type version number (0052). All valid standard codes are used. (Total Codes: 15)				
UNH020-040	0051	Controlling agency	M	an	1/2	Must use
		Description: Code identifying the agency controlling the specification, maintenance and publication of the message type. All valid standard codes are used. (Total Codes: 20)				
UNH020-050	0057	Association assigned code	C	an	1/6	Used
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
UNH030	0068	Common access reference	C	an	1/35	Used
		Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.				
UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Used
		Description: Statement that the message is one in a sequence of transfers relating to the same topic.				
UNH040-010	0070	Sequence message transfer number	M	n	1/2	Must use
		Description: Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.				
UNH040-020	0073	First/last sequence message transfer indication	C	a	1/1	Used
		Description: Indication used for the first and last message in a sequence of the same type of message relating to the same topic. All valid standard codes are used. (Total Codes: 2)				

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Used
		Description: Identification of a type of document/message by code or name. Code preferred.				
BGM010-010	1001	Document/message name, coded	C	an	1/3	Used
		Description: Document/message identifier expressed in code. All valid standard codes are used. (Total Codes: 424)				
BGM010-020	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)				
BGM010-030	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)				
BGM010-040	1000	Document/message name	C	an	1/35	Used
		Description: Plain language identifier specifying the function of a document/message.				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
		Description: Identification of a document/message by its number and eventually its version or revision.				
BGM020-010	1004	Document/message number	C	an	1/35	Used
		Description: Reference number assigned to the document/message by the issuer.				
BGM020-020	1056	Version	C	an	1/9	Used
		Description: To specify the version number or name of an object.				
BGM020-030	1060	Revision number	C	an	1/6	Used
		Description: To specify a revision number.				
BGM030	1225	Message function, coded	C	an	1/3	Used
		Description: Code indicating the function of the message. All valid standard codes are used. (Total Codes: 55)				
BGM040	4343	Response type, coded	C	an	1/3	Used
		Description: Code specifying the type of acknowledgment required or transmitted. All valid standard codes are used. (Total Codes: 13)				

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 35
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use**Function:** To specify date, and/or time, or period.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a date, time or period.						
Code List Summary (Total Codes: 364, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		137		Document/message date/time		
DTM010-020	2380	Date/time/period	C	an	1/35	Used
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
Description: Specification of the representation of a date, a date and time or of a period.						
Code List Summary (Total Codes: 70, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

IMD ITEM DESCRIPTION

Pos: 0060	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD030	C273	ITEM DESCRIPTION	C	Comp		Used
		Description: Description of an item.				
IMD030-040	7008	Item description	C	an	1/35	Used
		Description: Plain language description of articles or products.				

Segment Group 1

Pos: 0110	Repeat: 99
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0120	RFF	REFERENCE	M	1	Must use
0130	DTM	DATE/TIME/PERIOD	C	5	Used

RFF REFERENCE

Pos: 0120	Max: 1
Mandatory	
Group: 1	Elements: 1

User Option (Usage): Must use

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
Description: Identification of a reference.						
RFF010-010	1153	Reference qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a reference segment or a reference number.						
All valid standard codes are used. (Total Codes: 504)						
RFF010-020	1154	Reference number	C	an	1/35	Used
Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						
RFF010-030	1156	Line number	C	an	1/6	Used
Description: Number of the line in the document/message referenced in 1154 Reference number.						
RFF010-040	4000	Reference version number	C	an	1/35	Used
Description: To uniquely identify a reference by its revision number.						

DTM DATE/TIME/PERIOD

Pos: 0130	Max: 5
Conditional	
Group: 1	Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a date, time or period.						
Code List Summary (Total Codes: 364, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		2	Delivery date/time, requested			
		10	Shipment date/time, requested			
DTM010-020	2380	Date/time/period	C	an	1/35	Used
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
Description: Specification of the representation of a date, a date and time or of a period.						
Code List Summary (Total Codes: 70, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		102	CCYYMMDD			

Segment Group 2

Pos: 0200	Repeat: 99
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0210	NAD	NAME AND ADDRESS	M	1	Must use

NAD NAME AND ADDRESS

Pos: 0210	Max: 1
Mandatory	
Group: 2	Elements: 9

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a party.				
		Code List Summary (Total Codes: 325, Included: 3)				
		<u>Code</u>		<u>Name</u>		
		BT		Party to be billed for other than freight (bill to)		
		SE		Seller		
		ST		Ship to		
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
		Description: Identification of a transaction party by code.				
NAD020-010	3039	Party id. identification	M	an	1/35	Must use
		Description: Code identifying a party involved in a transaction.				
NAD020-020	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		All valid standard codes are used. (Total Codes: 123)				
NAD020-030	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		Code List Summary (Total Codes: 195, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		92		Assigned by buyer or buyer's agent		
NAD030	C058	NAME AND ADDRESS	C	Comp		Used
		Description: Unstructured name and address: one to five lines.				
NAD030-010	3124	Name and address line	M	an	1/35	Must use
		Description: Free form name and address description.				
NAD030-020	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
NAD030-030	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
NAD030-040	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
NAD030-050	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
NAD040	C080	PARTY NAME	C	Comp		Used
		Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.				
NAD040-010	3036	Party name	M	an	1/35	Must use

		Description: Name of a party involved in a transaction.				
NAD040-020	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
NAD040-030	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
NAD040-040	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
NAD040-050	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
NAD040-060	3045	Party name format, coded	C	an	1/3	Used
		Description: Specification of the representation of a party name. All valid standard codes are used. (Total Codes: 1)				
NAD050	C059	STREET	C	Comp		Used
		Description: Street address and/or PO Box number in a structured address: one to three lines.				
NAD050-010	3042	Street and number/p.o. box	M	an	1/35	Must use
		Description: Street and number in plain language, or Post Office Box No.				
NAD050-020	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
NAD050-030	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
NAD050-040	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
NAD060	3164	City name	C	an	1/35	Used
		Description: Name of a city (a town, a village) for addressing purposes.				
NAD070	3229	Country sub-entity identification	C	an	1/9	Used
		Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	Postcode identification	C	an	1/9	Used
		Description: Code defining postal zones or addresses.				
NAD090	3207	Country, coded	C	an	1/3	Used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				

Segment Group 7

Pos: 0370	Repeat: 5
Conditional	
Group: 7	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0380	CUX	CURRENCIES	M	1	Must use

CUX CURRENCIES

Pos: 0380	Max: 1
Mandatory	
Group: 7	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		Used
		Description: The usage to which a currency relates.				
CUX010-010	6347	Currency details qualifier	M	an	1/3	Must use
		Description: Specification of the usage to which the currency relates.				
		Code List Summary (Total Codes: 7, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		2	Reference currency			
CUX010-020	6345	Currency, coded	C	an	1/3	Used
		Description: Identification of the name or symbol of the monetary unit involved in the transaction.				
CUX010-030	6343	Currency qualifier	C	an	1/3	Used
		Description: Code giving specific meaning to data element 6345 Currency.				
		Code List Summary (Total Codes: 17, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		4	Invoicing currency			
CUX020	C504	CURRENCY DETAILS	C	Comp		Used
		Description: The usage to which a currency relates.				
CUX020-010	6347	Currency details qualifier	M	an	1/3	Must use
		Description: Specification of the usage to which the currency relates.				
		All valid standard codes are used. (Total Codes: 7)				
CUX020-020	6345	Currency, coded	C	an	1/3	Used
		Description: Identification of the name or symbol of the monetary unit involved in the transaction.				
CUX020-030	6343	Currency qualifier	C	an	1/3	Used
		Description: Code giving specific meaning to data element 6345 Currency.				
		All valid standard codes are used. (Total Codes: 17)				
CUX020-040	6348	Currency rate base	C	n	1/4	Used
		Description: Multiplying factor used in expressing the number of currency units.				
CUX030	5402	Rate of exchange	C	n	1/12	Used
		Description: The rate at which one specified currency is expressed in another specified currency.				
CUX040	6341	Currency market exchange, coded	C	an	1/3	Used
		Description: Code identifying the market upon which the currency exchange rate is based.				
		All valid standard codes are used. (Total Codes: 23)				

Segment Group 25

Pos: 1030	Repeat: 9999999
Conditional	
Group: 25	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1040	LIN	LINE ITEM	M	1	Must use
1050	PIA	ADDITIONAL PRODUCT ID	C	25	Used
1080	QTY	QUANTITY	C	5	Used
1110	DTM	DATE/TIME/PERIOD	C	35	Used
1180		Segment Group 26	C	10	Used

LIN LINE ITEM

Pos: 1040	Max: 1
Mandatory	
Group: 25	Elements: 6

User Option (Usage): Must use

Function: To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item number	C	an	1/6	Used
		Description: Serial number designating each separate item within a series of articles.				
LIN020	1229	Action request/notification, coded	C	an	1/3	Used
		Description: Code specifying the action to be taken or already taken. All valid standard codes are used. (Total Codes: 25)				
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
		Description: Goods identification for a specified source.				
LIN030-010	7140	Item number	C	an	1/35	Used
		Description: A number allocated to a group or item.				
LIN030-020	7143	Item number type, coded	C	an	1/3	Used
		Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)				
LIN030-030	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)				
LIN030-040	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)				
LIN040	C829	SUB-LINE INFORMATION	C	Comp		Used
		Description: To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.				
LIN040-010	5495	Sub-line indicator, coded	C	an	1/3	Used
		Description: Indication that the segment and/or segment group is used for sub-line item information. All valid standard codes are used. (Total Codes: 1)				
LIN040-020	1082	Line item number	C	an	1/6	Used
		Description: Serial number designating each separate item within a series of articles.				
LIN050	1222	Configuration level	C	n	1/2	Used
		Description: Number indicating the level of an object which is in a hierarchy.				
LIN060	7083	Configuration, coded	C	an	1/3	Used
		Description: Code indicating the status of the sub-line item in the configuration. All valid standard codes are used. (Total Codes: 3)				

PIA ADDITIONAL PRODUCT ID

Pos: 1050	Max: 25
Conditional	
Group: 25	Elements: 6

User Option (Usage): Used

Function: To specify additional or substitutional item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	Product id. function qualifier	M	an	1/3	Must use
Description: Indication of the function of the product code. All valid standard codes are used. (Total Codes: 9)						
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Must use
Description: Goods identification for a specified source.						
PIA020-010	7140	Item number	C	an	1/35	Used
Description: A number allocated to a group or item.						
PIA020-020	7143	Item number type, coded	C	an	1/3	Used
Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)						
PIA020-030	1131	Code list qualifier	C	an	1/3	Used
Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)						
PIA020-040	3055	Code list responsible agency, coded	C	an	1/3	Used
Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)						
PIA030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
Description: Goods identification for a specified source.						
PIA030-010	7140	Item number	C	an	1/35	Used
Description: A number allocated to a group or item.						
PIA030-020	7143	Item number type, coded	C	an	1/3	Used
Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)						
PIA030-030	1131	Code list qualifier	C	an	1/3	Used
Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)						
PIA030-040	3055	Code list responsible agency, coded	C	an	1/3	Used
Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)						
PIA040	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
Description: Goods identification for a specified source.						
PIA040-010	7140	Item number	C	an	1/35	Used
Description: A number allocated to a group or item.						
PIA040-020	7143	Item number type, coded	C	an	1/3	Used
Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)						

PIA040-030	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)				
PIA040-040	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)				
PIA050	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
		Description: Goods identification for a specified source.				
PIA050-010	7140	Item number	C	an	1/35	Used
		Description: A number allocated to a group or item.				
PIA050-020	7143	Item number type, coded	C	an	1/3	Used
		Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)				
PIA050-030	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)				
PIA050-040	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)				
PIA060	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
		Description: Goods identification for a specified source.				
PIA060-010	7140	Item number	C	an	1/35	Used
		Description: A number allocated to a group or item.				
PIA060-020	7143	Item number type, coded	C	an	1/3	Used
		Description: Identification of the type of item number. All valid standard codes are used. (Total Codes: 86)				
PIA060-030	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used. (Total Codes: 123)				
PIA060-040	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)				

QTY QUANTITY

Pos: 1080	Max: 5
Conditional	
Group: 25	Elements: 1

User Option (Usage): Used

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a quantity. All valid standard codes are used. (Total Codes: 199)						
QTY010-020	6060	Quantity	M	n	1/15	Must use
Description: Numeric value of a quantity.						
QTY010-030	6411	Measure unit qualifier	C	an	1/3	Used
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						

DTM DATE/TIME/PERIOD

Pos: 1110	Max: 35
Conditional	
Group: 25	Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a date, time or period.						
All valid standard codes are used. (Total Codes: 364)						
DTM010-020	2380	Date/time/period	C	an	1/35	Used
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
Description: Specification of the representation of a date, a date and time or of a period.						
All valid standard codes are used. (Total Codes: 70)						

Segment Group 26

Pos: 1180	Repeat: 10
Conditional	
Group: 26	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1190	MOA	MONETARY AMOUNT	M	1	Must use

MOA MONETARY AMOUNT

Pos: 1190	Max: 1
Mandatory	
Group: 26	Elements: 1

User Option (Usage): Must use
Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		Must use
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type qualifier	M	an	1/3	Must use
Description: Indication of type of amount.						
Code List Summary (Total Codes: 360, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		55		Duty amount		
MOA010-020	5004	Monetary amount	C	n	1/18	Used
Description: Number of monetary units.						
MOA010-030	6345	Currency, coded	C	an	1/3	Used
Description: Identification of the name or symbol of the monetary unit involved in the transaction.						

UNS SECTION CONTROL

Pos: 2090	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNS010	0081	Section identification	M	a	1/1	Must use

Description: A character identifying the next section in a message.

All valid standard codes are used. (Total Codes: 2)

CNT CONTROL TOTAL

Pos: 2100	Max: 10
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used
Function: To provide control total.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CNT010	C270	CONTROL	M	Comp		Must use
Description: Control total for checking integrity of a message or part of a message.						
CNT010-010	6069	Control qualifier	M	an	1/3	Must use
Description: Determines the source data elements in the message which forms the basis for 6066 Control value.						
All valid standard codes are used. (Total Codes: 38)						
CNT010-020	6066	Control value	M	n	1/18	Must use
Description: Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).						
CNT010-030	6411	Measure unit qualifier	C	an	1/3	Used
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						

Segment Group 51

Pos: 2160	Repeat: 10
Conditional	
Group: 51	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
2170	TAX	DUTY/TAX/FEE DETAILS	M	1	Must use
2180	MOA	MONETARY AMOUNT	C	2	Used

TAX DUTY/TAX/FEE DETAILS

Pos: 2170	Max: 1
Mandatory	
Group: 51	Elements: 3

User Option (Usage): Must use

Function: To specify relevant duty/tax/fee information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TAX010	5283	Duty/tax/fee function qualifier	M	an	1/3	Must use
Description: Code identifying the function of an duty, tax or fee information.						
Code List Summary (Total Codes: 8, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		7	Tax			
TAX020	C241	DUTY/TAX/FEE TYPE	C	Comp		Used
Description: Code and/or name identifying duty, tax or fee.						
TAX020-010	5153	Duty/tax/fee type, coded	C	an	1/3	Used
Description: Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services.						
All valid standard codes are used. (Total Codes: 45)						
TAX050	C243	DUTY/TAX/FEE DETAIL	C	Comp		Used
Description: Rate of duty/tax/fee applicable to commodities or of tax applicable to services.						
TAX050-040	5278	Duty/tax/fee rate	C	an	1/17	Used
Description: Rate of duty or tax or fee applicable to commodities or of tax applicable to services.						

MOA MONETARY AMOUNT

Pos: 2180	Max: 2
Conditional	
Group: 51	Elements: 1

User Option (Usage): Used

Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		Must use
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type qualifier	M	an	1/3	Must use
Description: Indication of type of amount.						
Code List Summary (Total Codes: 360, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		176		Message total duty/tax/fee amount		
MOA010-020	5004	Monetary amount	C	n	1/18	Used
Description: Number of monetary units.						

Segment Group 52

Pos: 2190	Repeat: 15
Conditional	
Group: 52	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
2200	ALC	ALLOWANCE OR CHARGE	M	1	Must use
2220	MOA	MONETARY AMOUNT	C	2	Used

ALC ALLOWANCE OR CHARGE

Pos: 2200	Max: 1
Mandatory	
Group: 52	Elements: 2

User Option (Usage): Must use

Function: To identify allowance or charge details.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ALC010	5463	Allowance or charge qualifier	M	an	1/3	Must use

Description: Specification of an allowance or charge for the service specified.

Code List Summary (Total Codes: 24, Included: 1)

<u>Code</u>	<u>Name</u>
C	Charge

ALC050	C214	SPECIAL SERVICES IDENTIFICATION	C	Comp		Used
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Description: Identification of a special service by a code from a specified source or by description.

ALC050-010	7161	Special services, coded	C	an	1/3	Used
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Description: Code identifying a special service.

All valid standard codes are used. (Total Codes: 262)

MOA MONETARY AMOUNT

Pos: 2220	Max: 2
Conditional	
Group: 52	Elements: 1

User Option (Usage): Used

Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		Must use
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type qualifier	M	an	1/3	Must use
Description: Indication of type of amount.						
Code List Summary (Total Codes: 360, Included: 4)						
		<u>Code</u>		<u>Name</u>		
		55		Duty amount		
		79		Total line items amount		
		86		Message total monetary amount		
		203		Line item amount		
MOA010-020	5004	Monetary amount	C	n	1/18	Used
Description: Number of monetary units.						
MOA010-030	6345	Currency, coded	C	an	1/3	Used
Description: Identification of the name or symbol of the monetary unit involved in the transaction.						
MOA010-040	6343	Currency qualifier	C	an	1/3	Used
Description: Code giving specific meaning to data element 6345 Currency.						
All valid standard codes are used. (Total Codes: 17)						
MOA010-050	4405	Status, coded	C	an	1/3	Used
Description: Provides information regarding a status.						
All valid standard codes are used. (Total Codes: 25)						

UNT MESSAGE TRAILER

Pos: 2240	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Function: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/6	Must use
		Description: Control count of number of segments in a message.				
UNT020	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				

EDI Sample

UNA:+.? '
UNB+UNOC:3+DKEDIFACT:ZZ+000123456789:ZZ+230110:1453+549881++++1'
UNH+549872+INVOIC:D:97A:UN'
BGM+380+93231465'
DTM+137:20230110:102'
NAD+BT+003701895985VELL::92++BILLCOMPANY+123TEXT+CODE++21375+SE'
NAD+ST+003701895985VELL::92++SHIPCOMPANY+123TEXT+CODE++21375+SE'
NAD+SE+26852::92++DIGI-KEY ELECTRONICS+701 BROOKS AVE+THIEF RIVER FALLS+MN+56701+US'
CUX+2:USD:4'
DTM+13:20230410:102'
LIN+1++VS-12CWQ06FNTR-M3GIDKR-ND:VP::92'
PIA+1+VS-12CWQ06FNTR:MF::91'
QTY+47:800:PCE'
MOA+203:372:USD'
UNS+S'
MOA+79:372'
MOA+86:372'
TAX+7+VAT++++:0.0+S'
MOA+176:0:USD'
UNT+22+549872'
UNZ+1+549881'