



INVOIC Invoice Message Message Implementation Guideline v.2.0

Subset of

UN/EDIFACT D.96A INVOIC Message

September 18, 2020

Table of Contents

Revision log	.....	2
Introduction	.....	3
Segment Index	.....	3
Branching Diagram	.....	5
Segment Sescription	.....	7
Edifact Example	.....	44

Revision log

10.01.2019	1.0 First version
18.09.2020	2.0 Allowance and charges added – Example added

Created by: **TrueCommerce™**

Introduction

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 Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0005	UNB	Interchange Header	C	1		
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
	0080		Segment Group 1: RFF-DTM	C		99	
M	0090	RFF	Reference	M	1		
	0100	DTM	Date/Time/Period	C	5		
	0110		Segment Group 2: NAD	C		99	
M	0120	NAD	Name and Address	M	1		
	0240		Segment Group 6: TAX	C		5	
M	0250	TAX	Duty/Tax/Fee Details	M	1		
	0280		Segment Group 7: CUX	C		5	
M	0290	CUX	Currencies	M	1		
	0310		Segment Group 8: PAT-DTM	C		10	
M	0320	PAT	Payment Terms Basis	M	1		
	0330	DTM	Date/Time/Period	C	5		
	0570		Segment Group 15: ALC-SG19	C		9999	
M	0580	ALC	Allowance or Charge	M	1		
	0690		Segment Group 19: MOA	C		2	
M	0700	MOA	Monetary Amount	M	1		

Detail Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0890		Segment Group 25: LIN-PIA-IMD-QTY-SG26-SG28	C		9999999	
M	0900	LIN	Line Item	M	1		
	0910	PIA	Additional Product Id	C	25		
	0920	IMD	Item Description	C	10		
	0940	QTY	Quantity	C	5		
	1030		Segment Group 26: MOA	C		5	
M	1040	MOA	Monetary Amount	M	1		
	1110		Segment Group 28: PRI	C		25	
M	1120	PRI	Price Details	M	1		

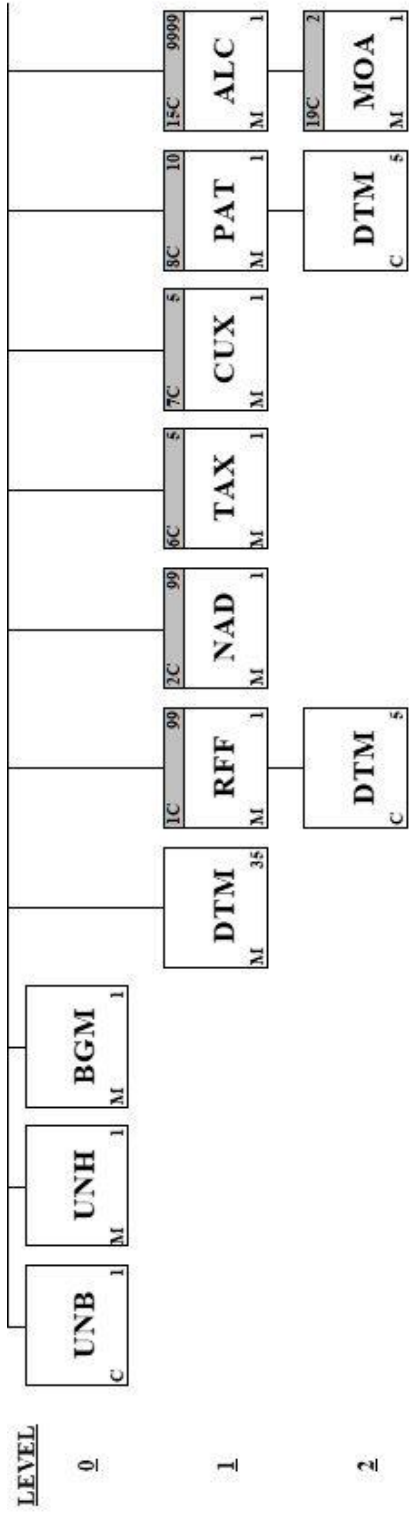
Section Control:

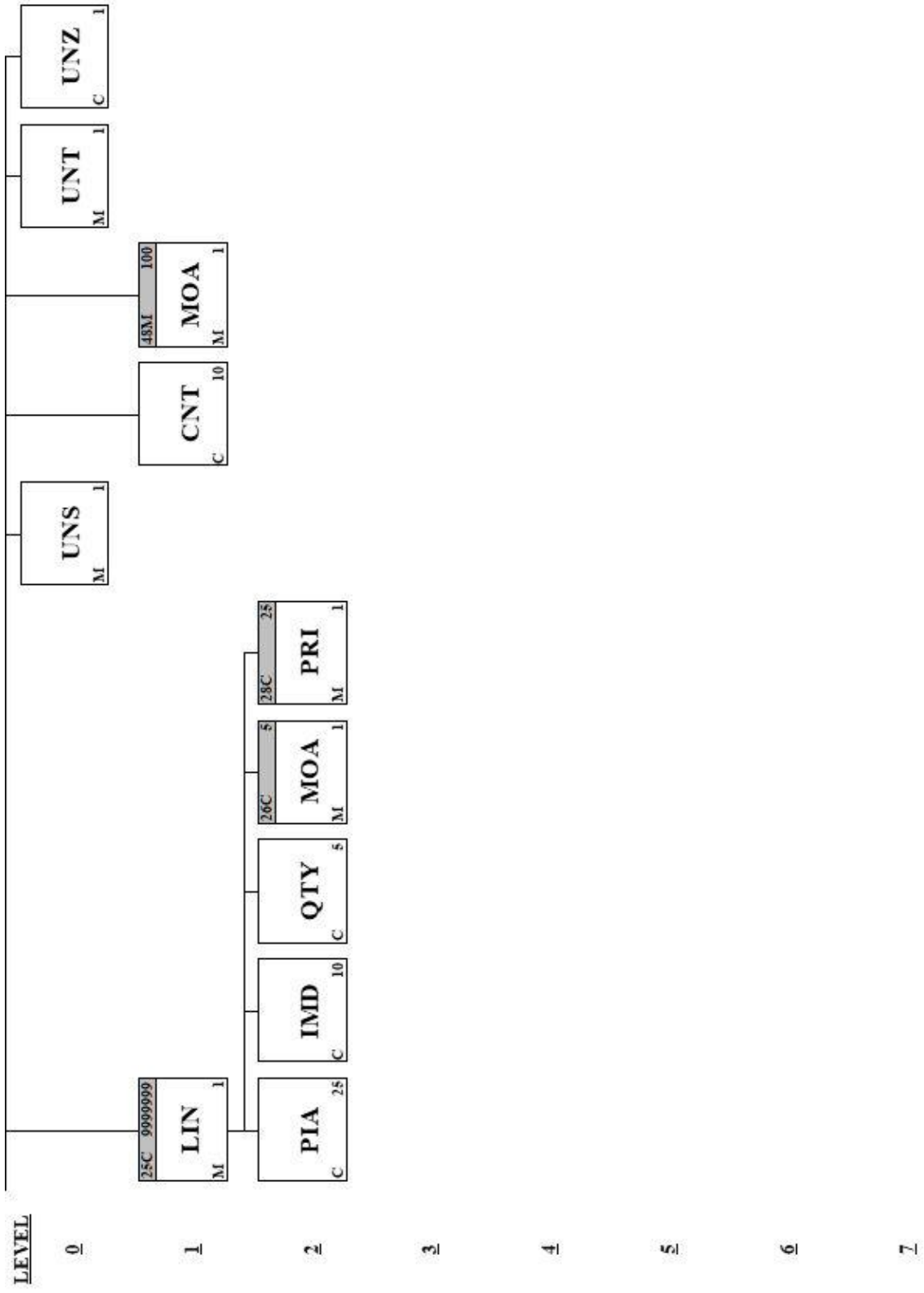
	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	1790	UNS	Section Control	M	1		

Summary Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	1800	CNT	Control Total	C	10		
M	1810		Segment Group 48: MOA	M		100	
M	1820	MOA	Monetary Amount	M	1		
M	1930	UNT	Message Trailer	M	1		
	1940	UNZ	Interchange Trailer	C	1		

Branching Diagram





Segment Description

Segment: **UNB** Interchange Header
Position: 0005
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To start, identify and specify an interchange
Comments:
Notes: Example:

UNB+UNOC:3+5790000000000:14+5790000691104:14+181029:1016+27302+I
201471'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	S001		SYNTAX IDENTIFIER Identification of the agency controlling the syntax and indication of syntax level.	M
M		0001	Syntax identifier Coded identification of the agency controlling a syntax and syntax level used in an interchange. UNOC UN/ECE level C	M a4
M		0002	Syntax version number Version number of the syntax identified in the syntax identifier (0001). 3 Syntax version number 3	M n1
M	S002		INTERCHANGE SENDER Identification of the sender of the interchange.	M
M		0004	Sender identification Name or coded representation of the sender of a data interchange.	M an..35
		0007	Partner identification code qualifier Qualifier referring to the source of codes for the identifiers of interchanging partners. 14 EAN (European Article Numbering Association)	C an..4
M	S003		INTERCHANGE RECIPIENT Identification of the recipient of the interchange.	M
M		0010	Recipient identification Name or coded representation of the recipient of a data interchange.	M an..35
		0007	Partner identification code qualifier Qualifier referring to the source of codes for the identifiers of interchanging partners. 14 EAN (European Article Numbering Association)	C an..4
M	S004		DATE AND TIME OF PREPARATION Date and time of preparation of the interchange.	M
M		0017	Date of preparation Local date when an interchange or a functional group was prepared.	M n6
M		0019	Time of preparation	M n4

		Local time of day when an interchange or a functional group was prepared.		
M	0020	INTERCHANGE CONTROL REFERENCE	M	an..14
		Unique reference assigned by the sender to an interchange.		
Not Used	S005	RECIPIENTS REFERENCE PASSWORD	C	
Not Used	0026	APPLICATION REFERENCE	C	an..14
Not Used	0029	PROCESSING PRIORITY CODE	C	a1
	0031	ACKNOWLEDGEMENT REQUEST	C	n1
		Code determined by the sender for acknowledgement of the interchange.		
		Refer to D.96A Data Element Dictionary for acceptable code values.		
Not Used	0032	COMMUNICATIONS AGREEMENT ID	C	an..35
	0035	TEST INDICATOR	C	n1
		Indication that the interchange is a test.		
		Refer to D.96A Data Element Dictionary for acceptable code values.		

Segment: **UNH** Message Header

Position: 0010

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: 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 96A 0051 UN

Comments:

Notes: Example:
UNH+27299+INVOIC:D:96A:UN:EAN008'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. INVOIC Invoice message	M an..6
M		0052	Message type version number Version number of a message type. D Draft directory	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). 96A Version 96 A	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M an..2
		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. EAN008 EAN version control number (EAN Code)	C an..6

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.
Comments:
Notes: Example:
 BGM+380+600421769'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C
		Identification of a type of document/message by code or name. Code preferred.	
	1001	Document/message name, coded	C an..3
		Document/message identifier expressed in code.	
		380 Commercial invoice	
		381 Credit note	
1004		DOCUMENT/MESSAGE NUMBER	C an..35
		Reference number assigned to the document/message by the issuer.	

Segment: **DTM** Date/Time/Period

Position: 0030

Group:

Level: 1

Usage: Mandatory

Max Use: 35

Purpose: A segment specifying general dates related to the whole message. The segment must be specified at least once to identify the invoice date.

Comments:

Notes: Example:

Document date:
DTM+137:20181029:102'

Delivery date:
DTM+35:20181025:102'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			35 Delivery date/time, actual	
			137 Document/message date/time	
		2380	Date/time/period	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
		2379	Date/time/period format qualifier	C an..3
			Specification of the representation of a date, a date and time or of a period.	
			102 CCYYMMDD	

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: 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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0090	RFF	Reference	M	1	
	0100	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
Comments:
Notes: Examples:

Customer order number:
RFF+ON:1432476'

Despatch advice number:
RFF+AAU:700430364'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. AAU Despatch note number ON Order number (purchase)	M an..3
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35

Segment: **DTM** Date/Time/Period
Position: 0100
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Comments:

Notes: Example:

DTM+171:20181010:102'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 171 Reference date/time	M an..3
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 102 CCYYMMDD	C an..3

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0120	NAD	Name and Address	M	1	

Segment: **NAD** **Name and Address**
Position: 0120 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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.

Comments:

Notes: Examples:

Buyer:
NAD+BY+IM00000::9'

Delivery party:
NAD+DP+++Lasse H. Schmidt+Munkegårdsvej
53:Slumkvarteret+Kvistgård++3490+DK'

Invoicee:
NAD+IV+5790000691104::9'

Supplier:
NAD+SU+5790000000000::9'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY QUALIFIER Code giving specific meaning to a party. BY Buyer DP Delivery party IV Invoicee SU Supplier	M an..3
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C
M		3039	Party id. identification Code identifying a party involved in a transaction.	M an..35
Not Used		1131	Code list qualifier	C an..3
		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. 9 EAN (International Article Numbering association)	C an..3
Not Used	C058		NAME AND ADDRESS	C
	C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C
M		3036	Party name	M an..35

	C059	Name of a party involved in a transaction. STREET	C
		Street address and/or PO Box number in a structured address: one to three lines.	
M	3042	Street and number/p.o. box	M an..35
		Street and number in plain language, or Post Office Box No.	
	3164	CITY NAME	C an..35
		Name of a city (a town, a village) for addressing purposes.	
Not Used	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9
	3251	POSTCODE IDENTIFICATION	C an..9
		Code defining postal zones or addresses.	
	3207	COUNTRY, CODED	C an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.	

Group: **TAX** Segment Group 6: Duty/Tax/Fee Details
Position: 0240
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0250	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 0250 (Trigger Segment)
Group: Segment Group 6 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate or exemption, relating to the whole invoice e.g. Value Added Tax at the standard rate is applicable for all items.
Comments:
Notes: Example:
 TAX+7+VAT+++:::25+S'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. VAT Value added tax	C an..3
Not Used	C533		DUTY/TAX/FEE ACCOUNT DETAIL	C
Not Used	5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15
	C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
Not Used		5279	Duty/tax/fee rate identification	C an..7
	5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system. E Exempt from tax S Standard rate Z Zero rated goods	C an..3

Group: **CUX** Segment Group 7: Currencies
Position: 0280
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: 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.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0290	CUX	Currencies	M	1	

Segment: **CUX Currencies**
Position: 0290 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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.

Comments:

Notes: Example:

Invoice currency:
 CUX+2:DKK'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C504		CURRENCY DETAILS	C
		The usage to which a currency relates.	
M	6347	Currency details qualifier	M an..3
		Specification of the usage to which the currency relates.	
		2 Reference currency	
	6345	Currency, coded	C an..3
		Identification of the name or symbol of the monetary unit involved in the transaction.	

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0310
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0320	PAT	Payment Terms Basis	M	1	
	0330	DTM	Date/Time/Period	C	5	

Segment: **PAT** Payment Terms Basis
Position: 0320 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.
Comments:
Notes: Example:

Payment on a specific date:
PAT+3'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms. 3 Fixed date	M an..3

Segment: **DTM** Date/Time/Period
Position: 0330
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment giving the specific date.
Comments:
Notes: Example:

Payment date:
DTM+13:20181227:102'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 13 Terms net due date	M an..3
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 102 CCYYMMDD	C an..3

Group: **ALC** Segment Group 15: Allowance or Charge
Position: 0570
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments specifying allowances and charges for the whole invoice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0580	ALC	Allowance or Charge	M	1	
	0690		Segment Group 19: Monetary Amount	C		2

Segment: **ALC** Allowance or Charge
Position: 0580 (Trigger Segment)
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance.
Comments:
Notes: Examples:

Allowance:
 ALC+A+Discount Text+++CAC'

Charge:
 ALC+C+Charge Text ex. Freight+++FC'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5463		ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified. A Allowance C Charge	M an..3
	C552		ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C
		1230	Allowance or charge number Number assigned by a party referencing an allowance, promotion, deal or charge.	C an..35
Not Used	4471		SETTLEMENT, CODED	C an..3
Not Used	1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3
	C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C
		7161	Special services, coded Code identifying a special service. CAC Cash discount FC Freight charge	C an..3

Group: **MOA** Segment Group 19: Monetary Amount
Position: 0690
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0700	MOA	Monetary Amount	M	1	

Segment: **MOA Monetary Amount**
Position: 0700 (Trigger Segment)
Group: Segment Group 19 (Monetary Amount) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Comments:
Notes: Examples:

Allowance amount:
MOA+204:5.25'

Charge amount:
MOA+23:17.95'

Allowance or Charge amount:
MOA+8:543.37'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount. 8 Allowance or charge amount 23 Charge amount 204 Allowance amount	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **LIN** Segment Group 25: Line Item
Position: 0890
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999999
Purpose: 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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0900	LIN	Line Item	M	1	
	0910	PIA	Additional Product Id	C	25	
	0920	IMD	Item Description	C	10	
	0940	QTY	Quantity	C	5	
	1030		Segment Group 26: Monetary Amount	C		5
	1110		Segment Group 28: Price Details	C		25

Segment: **LIN** Line Item
Position: 0900 (Trigger Segment)
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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. Supplier product number etc., can be specified within the following PIA segments.

Comments:

Notes: Example:

LIN+10++5713278675648:EN'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C n..6
Not Used	1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number. EN International Article Numbering Association (EAN) UPC (Universal product code)	C an..3

Segment: **PIA** Additional Product Id
Position: 0910
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment providing additional identification to the product specified in the LIN segment.
Comments:
Notes: Example:

Suppliers article number:
PIA+1+108575484:SA'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number. SA Supplier's article number	C an..3

Segment: **IMD** Item Description
Position: 0920
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment for describing the product or service being invoiced as well as product characteristic.

Comments:

Notes: Example:

 IMD+F++:::SEVERINGSFAD'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form	C an..3
7081		ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
C273		ITEM DESCRIPTION Description of an item.	C
Not Used	7009	Item description identification	C an..17
Used	1131	Code list qualifier	C an..3
Not Used	3055	Code list responsible agency, coded	C an..3
Used	7008	Item description Plain language description of articles or products.	C an..35
	7008	Item description Plain language description of articles or products.	C an..35

Segment: **QTY** Quantity
Position: 0940
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment identifying the product quantities (invoiced quantity).
Comments:
Notes: Example:
 QTY+47:6:PCE'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity. 47 Invoiced quantity	M an..3
M		6060	Quantity Numeric value of a quantity.	M n..15
		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. KGM Kilogram PCE Piece	C an..3

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1030
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1040	MOA	Monetary Amount	M	1	

Segment: **MOA Monetary Amount**
Position: 1040 (Trigger Segment)
Group: Segment Group 26 (Monetary Amount) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying any monetary amounts relating to the product.
Comments:
Notes: Example:

Line item amount:
MOA+203:40.00'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount. 203 Line item amount	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **PRI** Segment Group 28: Price Details
Position: 1110
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services invoiced.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1120	PRI	Price Details	M	1	

Segment: **PRI** Price Details
Position: 1120 (Trigger Segment)
Group: Segment Group 28 (Price Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'.
Comments:
Notes: Example:

Net price:
PRI+AAA:7.35:::PCE'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	C509		PRICE INFORMATION	C
			Identification of price type, price and related details.	
M		5125	Price qualifier	M an..3
			Identification of a type of price.	
			AAA Calculation net	
		5118	Price	C n..15
			The monetary value associated with a purchase or sale of an article, product or service.	
Not Used		5375	Price type, coded	C an..3
Not Used		5387	Price type qualifier	C an..3
Not Used		5284	Unit price basis	C n..9
Used		6411	Measure unit qualifier	C an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
			KGM Kilogram	
			PCE Piece	

Segment: **UNS** Section Control
Position: 1790
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.
Comments:
Notes: Example:
 UNS+S'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0081		SECTION IDENTIFIER	M a1
			S	Detail/summary section separation

Segment: **CNT** Control Total
Position: 1800
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Comments:

Notes: Example:

 CNT+2:6'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C270		CONTROL	M
			Control total for checking integrity of a message or part of a message.	
M		6069	Control qualifier	M an..3
			Determines the source data elements in the message which forms the basis for 6066 Control value.	
			1 Algebraic total of the quantity values in line items in a message	
			2 Number of line items in message	
M		6066	Control value	M n..18
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	

Group: **MOA** Segment Group 48: Monetary Amount
Position: 1810
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose: A group of segments giving total amounts for the whole invoice and - if relevant - detailing amounts pre-paid with relevant references and dates-

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1820	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1820 (Trigger Segment)
Group: Segment Group 48 (Monetary Amount) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment giving the total amounts for the whole invoice message such as message monetary amount and message line item total amount, .

Comments:

Notes: Examples:

Total line item amount:
MOA+79:927.95'

Message total monetary amount:
MOA+86:986.39'

Taxable amount:
MOA+125:927.95'

Total tax amount:
MOA+176:654.12'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
			79 Total line items amount	
			86 Message total monetary amount	
			125 Taxable amount	
			176 Message total duty/tax/fee amount	
		5004	Monetary amount Number of monetary units.	C n..18

Segment: **UNT** Message Trailer
Position: 1930
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Comments:
Notes: Example:
 UNT+84+604081785'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M n..6
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14

Segment: **UNZ** Interchange Trailer
Position: 1940
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of an interchange.
Comments:
Notes: Example:
 UNT+22+10'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0036		INTERCHANGE CONTROL COUNT Count either of the number of messages or, if used, of the number of functional groups in an interchange.	M n..6
M	0020		INTERCHANGE CONTROL REFERENCE Unique reference assigned by the sender to an interchange.	M an..14

MOA+203:319.2'
PRI+AAA:53.2'
LIN+9++5723275083689:EN'
PIA+1+10012710:SA'
IMD+F++:::CANDLEHOLDER STAINLESS STEEL'
QTY+47:6:PCS'
MOA+203:370.5'
PRI+AAA:61.75'
LIN+10++5713345083641:EN'
PIA+1+10547708:SA'
IMD+F++:::CANDLEHOLDER BRASS'
QTY+47:6:PCS'
MOA+203:370.5'
PRI+AAA:61.75'
LIN+12++5713275086562:EN'
PIA+1+10065724:SA'
IMD+F++:::KEY RING GOLD'
QTY+47:6:PCS'
MOA+203:866.4'
PRI+AAA:144.4'
LIN+13++5713345084723:EN'
PIA+1+10013022:SA'
IMD+F++:::KEY RING SILVER'
QTY+47:2:PCS'
MOA+203:577.6'
PRI+AAA:288.8'
LIN+15++5713275083603:EN'
PIA+1+10017706:SA'
IMD+F++:::SERVING DISH STAINLESS STEEL'
QTY+47:6:PCS'
MOA+203:541.5'
PRI+AAA:90.25'
LIN+20++5743275083566:EN'
PIA+1+10018904:SA'
IMD+F++:::SERVING DISH GOLD'
QTY+47:6:PCS'
MOA+203:319.2'
PRI+AAA:53.2'
UNS+S'
CNT+1:57'
CNT+2:11'
MOA+79:6396.6'
MOA+125:6454.58'
MOA+86:8068.23'
MOA+176:1613.65'
UNT+92+94333'
UNZ+1+94709'