INVRPT Inventory Report Message

Introduction:

A message specifying information relating to held inventories. The Inventory report message is intended to be used in either direction between trading partners.

Heading Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0040	DTM	Date/Time/Period	M	10		
	0170		Segment Group 5: CUX	C		5	
M	0180	CUX	Currencies	M	1		

Detail Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	0290		Segment Group 9: LIN-PIA-IMD-SG11	C		9999999	
M	0300	LIN	Line Item	M	1		
	0310	PIA	Additional Product Id	C	10		
	0320	IMD	Item Description	C	10		
	0420		Segment Group 11: INV-QTY-SG13	C		9999	
M	0430	INV	Inventory Management Related Details	M	1		
M	0440	QTY	Quantity	M	1		
	0520		Segment Group 13: PRI-CUX	C		5	
M	0530	PRI	Price Details	M	1		
	0540	CUX	Currencies	C	1		
M	0730	UNT	Message Trailer	M	1		

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 Inventory report message is INVRPT.
	Note: Inventory report messages conforming to this document must contain the following data in segment UNH, composite S009:
	Data element 0065 INVRPT 0052 D 0054 01B 0051 UN
Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			INVRPT Inventory report message				
			A code to identify the inventory report message.				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..2	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
		0057	**Association assigned code**	C		an..6	
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
	0068		**COMMON ACCESS REFERENCE**	C	1	an..35	
			Reference serving as a key to relate all subsequent transfers of data to the				

			same business case or file.		
	S010		**STATUS OF THE TRANSFER**	**C**	**1**
			Statement that the message is one in a sequence of transfers relating to the same topic.		
M		**0070**	**Sequence message transfer number**	**M**	**n..2**
			Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
		0073	**First/last sequence message transfer indication**	**C**	**a1**
			Indication used for the first and last message in a sequence of the same type of message relating to the same topic.		

Segment:	**BGM Beginning of Message**	
Position:	0020	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment for unique identification of the Inventory Report document, name and its number.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	C		an..3
			Code specifying the document name.			
			35 Inventory report			
			A message specifying information relating to held inventories.			
	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
		1004	**Document identifier**	C		an..35
			To identify a document.			
		1225	**MESSAGE FUNCTION CODE**	C	1	an..3
			Code indicating the function of the message.			
			9 Original			
			Initial transmission related to a given transaction.			

Segment:	**DTM Date/Time/Period**		
Position:	0040		
Group:			
Level:	1		
Usage:	Mandatory		
Max Use:	10		
Purpose:	Date/time/period related to the whole message. The segment must be specified at least once to identify the date at which the inventory report was issued.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	C507		**DATE/TIME/PERIOD**	M 1	
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date or time or period function code qualifier**	M an..3	
			Code qualifying the function of a date, time or period.		
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.		
		2380	**Date or time or period value**	C an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.		
		2379	**Date or time or period format code**	C an..3	
			Code specifying the representation of a date, time or period.		
			304 CCYYMMDDHHMMSSZZZ See 204 plus Z=Time zone.		

Group:	**CUX Segment Group 5: Currencies**	
Position:	0170	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A group of segments to indicate currencies used for financial evaluation.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0180	CUX	Currencies	M	1	

Segment:	**CUX Currencies**	
Position:	0180 (Trigger Segment)	
Group:	Segment Group 5 (Currencies)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment specifying currencies, and, if required, rates of exchange for the whole message, e.g., evaluation currency.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C504		**CURRENCY DETAILS**	C	1	
			The usage to which a currency relates.			
M		**6347**	**Currency usage code qualifier**	M	an..3	
			Code qualifying the usage of a currency.			
			2 Reference currency			
			The currency applicable to amounts stated. It may have to be converted.			
		6345	**Currency identification code**	C	an..3	
			Code specifying a monetary unit.			
			Allowed currencies: USD, CAD, GBP, EUR, AUD			

Group:	**LIN Segment Group 9: Line Item**
Position:	0290
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9999999
Purpose:	A group of segments providing detailed information on each line of the inventory report.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0300	LIN	Line Item	M	1	
	0310	PIA	Additional Product Id	C	10	
	0320	IMD	Item Description	C	10	
	0420		Segment Group 11: Inventory Management Related Details	C		9999

Rithum™

Segment:	**LIN Line Item**	
Position:	0300 (Trigger Segment)	
Group:	Segment Group 9 (Line Item)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying a specific line item in the inventory report. All other segments in the detail section refer to the line item.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	1082		**LINE ITEM IDENTIFIER**	C	1 an..6	
			To identify a line item.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C	an..35	
			To identify an item.			
		7143	**Item type identification code**	C	an..3	
			Coded identification of an item type.			
			SK SKU (Stock keeping unit)			
			Reference number of a stock keeping unit.			

Segment:	**PIA Additional Product Id**		
Position:	0310		
Group:	Segment Group 9 (Line Item)	Conditional (Optional)	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	10		
Purpose:	A segment to allow the transmission of additional product identification.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3	
			Code qualifying the product identifier.				
		5	Product identification				
			The item number is for product identification.				
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		VN	Vendor item number				
			Reference number assigned by a vendor/seller identifying a product/service/article.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		UP	UPC (Universal product code)				
			Number assigned to a manufacturer's product by the Product Code Council.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		EN	International Article Numbering Association (EAN)				
			Number assigned to a manufacturer's product according to the International Article Numbering Association.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SRV	EAN.UCC Global Trade Item Number				

A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.

Rithum™

Segment:	**IMD Item Description**		
Position:	0320		
Group:	Segment Group 9 (Line Item)	Conditional (Optional)	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	10		
Purpose:	A segment for describing the item.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	7077		**DESCRIPTION FORMAT CODE**	C	1 an..3	
			Code specifying the format of a description.			
			F Free-form			
			Description of an item in free form text.			
	C272		**ITEM CHARACTERISTIC**	C	1	
			To provide the characteristic of the item being described.			
		7081	**Item characteristic code**	C	an..3	
			Code specifying the characteristic of an item.			
			5 End use application			
			Description of what the end use application of the product will be.			
			8 Product			
			The characteristic of a product.			
	C273		**ITEM DESCRIPTION**	C	1	
			Description of an item.			
X		7009	**Item description code**	C	an..17	
		7008	**Item description**	C	an..256	
			Free form description of an item.			
			If IMD7081 = 5 then the allowed values are "marketplace" and "dropship"			
		7008	**Item description**	C	an..256	
			Free form description of an item.			

Group:	**INV Segment Group 11: Inventory Management Related Details**
Position:	0420
Group:	Segment Group 9 (Line Item) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segments providing a quantity with all inventory management related information and optionally package details, line item currencies and references.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0430	INV	Inventory Management Related Details	M	1	
M	0440	QTY	Quantity	M	1	
	0520		Segment Group 13: Price Details	C		5

Segment:	INV Inventory Management Related Details	
Position:	0430 (Trigger Segment)	
Group:	Segment Group 11 (Inventory Management Related Details)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to provide all the parameters required for an inventory activity report, e.g. the reason for an inventory movement, the direction of an inventory movement, etc.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
	4501		**INVENTORY MOVEMENT DIRECTION CODE**	C 1 an..3	
			Code specifying the direction of an inventory movement.		
		1	Movement out of inventory Outgoing goods.		
		2	Movement into inventory Incoming goods.		
	4503		**INVENTORY BALANCE METHOD CODE**	C 1 an..3	
			Code specifying the method used to establish an inventory balance.		
		1	Book-keeping inventory balance An inventory balance resulting from the book-keeping.		

Segment:	QTY Quantity			
Position:	0440			
Group:	Segment Group 11 (Inventory Management Related Details)		Conditional (Optional)	
Level:	3			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment to provide a quantity information suitably qualified, for the product referred to by the LIN segment, e.g. opening balance quantity, closing balance quantity, inventory movement quantity, etc.			

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS** Quantity information in a transaction, qualified when relevant.	M	1	
M		6063	**Quantity type code qualifier** Code qualifying the type of quantity.	M	an..3	
			145 Actual stock The stock on hand, undamaged, and available for despatch, sale or use.			
M		6060	**Quantity** Alphanumeric representation of a quantity.	M	an..35	

Group:	**PRI Segment Group 13: Price Details**	
Position:	0520	
Group:	Segment Group 11 (Inventory Management Related Details)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A group of segments to provide price/cost/value information.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0530	PRI	Price Details	M	1	
	0540	CUX	Currencies	C	1	

Segment:	**PRI Price Details**	
Position:	0530 (Trigger Segment)	
Group:	Segment Group 13 (Price Details)	Conditional (Optional)
Level:	3	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to provide the price/cost/value, suitable qualified.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C509		**PRICE INFORMATION**	**C**	**1**	
			Identification of price type, price and related details.			
M		**5125**	**Price code qualifier**	**M**	**an..3**	
			Code qualifying a price.			
		AAB	Calculation gross			
			The price stated is the gross price to which allowances/charges must be applied.			
		5118	**Price amount**	**C**	**n..15**	
			To specify a price.			
		5375	**Price type code**	**C**	**an..3**	
			Code specifying the type of price.			
		CA	Catalogue			
			Code specifying the catalogue price.			
		5387	**Price specification code**	**C**	**an..3**	
			Code identifying pricing specification.			
		DR	Dealer price			
			Code specifying a dealer price.			
			Item cost, always needed			
		RTP	Retail price			
			Price per unit of quantity of a product to be used for retail.			
			Only for "marketplace" items			

Segment:	CUX Currencies	
Position:	0540	
Group:	Segment Group 13 (Price Details)	Conditional (Optional)
Level:	4	
Usage:	Conditional (Optional)	
Max Use:	1	
Purpose:	A segment specifying currencies, and if required, rates of exchange, e.g., evaluation currency.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C504		**CURRENCY DETAILS**	C	1	
			The usage to which a currency relates.			
M		6347	**Currency usage code qualifier**	M	an..3	
			Code qualifying the usage of a currency.			
			2 Reference currency			
			The currency applicable to amounts stated. It may have to be converted.			
		6345	**Currency identification code**	C	an..3	
			Code specifying a monetary unit.			
			Allowed currencies: USD, CAD, GBP, EUR, AUD			

Segment:	**UNT Message Trailer**
Position:	0730
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6	
			Control count of number of segments in a message.				
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				

ORDERS Purchase Order Message

Introduction:

A message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.

Heading Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
	0070	FTX	Free Text	C	99		
	0090		Segment Group 1: RFF	C		9999	
M	0100	RFF	Reference	M	1		
	0120		Segment Group 2: NAD-SG5	C		99	
M	0130	NAD	Name and Address	M	1		
	0220		Segment Group 5: CTA-COM	C		5	
M	0230	CTA	Contact Information	M	1		
	0240	COM	Communication Contact	C	5		
	0290		Segment Group 7: CUX	C		5	
M	0300	CUX	Currencies	M	1		
	0410		Segment Group 10: TDT	C		10	
M	0420	TDT	Details of Transport	M	1		

Detail Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	1030		Segment Group 28: LIN-PIA-IMD-QTY-MOA-SG43	C		200000	
M	1040	LIN	Line Item	M	1		
	1050	PIA	Additional Product Id	C	25		
	1060	IMD	Item Description	C	99		
	1080	QTY	Quantity	C	99		
	1120	MOA	Monetary Amount	C	10		
	1780		Segment Group 43: ALC-SG45	C		99	
M	1790	ALC	Allowance or Charge	M	1		
	1850		Segment Group 45: PCD	C		1	
M	1860	PCD	Percentage Details	M	1		

Section Control:

User	Pos.	Seg.		Req.		Group	Notes and

Attribute	No.	ID	Name	Des.	Max.Use	Repeat	Comments
M	2330	UNS	Section Control	M	1		

Summary Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	2340	MOA	Monetary Amount	C	99		
	2350	CNT	Control Total	C	10		
M	2400	UNT	Message Trailer	M	1		

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 Purchase order message is ORDERS.
	Note: Purchase order messages conforming to this document must contain the following data in segment UNH, composite S009:
	Data element 0065 ORDERS 0052 D 0054 01B 0051 UN
Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			ORDERS Purchase order message				
			A code to identify the purchase order message.				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..2	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
		0057	**Association assigned code**	C		an..6	
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
	0068		**COMMON ACCESS REFERENCE**	C	1	an..35	
			Reference serving as a key to relate all subsequent transfers of data to the				

same business case or file.

| | **S010** | | **STATUS OF THE TRANSFER** | **C** | **1** |

Statement that the message is one in a sequence of transfers relating to the same topic.

| **M** | | **0070** | **Sequence message transfer number** | **M** | **n..2** |

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

| | | **0073** | **First/last sequence message transfer indication** | **C** | **a1** |

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

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 order by means of its name and number and when necessary its function.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	C	an..3	
			Code specifying the document name.			
			105 Purchase order			
			Document/message issued within an enterprise to initiate the purchase of articles, materials or services required for the production or manufacture of goods to be offered for sale or otherwise supplied to customers. Used for "Marketplace" orders			
			220 Order			
			Document/message by means of which a buyer initiates a transaction with a seller involving the supply of goods or services as specified, according to conditions set out in an offer, or otherwise known to the buyer.			
	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
		1004	**Document identifier**	C	an..35	
			To identify a document.			
		1225	**MESSAGE FUNCTION CODE**	C	1 an..3	
			Code indicating the function of the message.			
			9 Original			
			Initial transmission related to a given transaction.			

Segment:	**DTM Date/Time/Period**	
Position:	0030	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	35	
Purpose:	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 order date. Examples of the use of this DTM segment are: Lead times that apply to the whole of the Order and, if no schedule is to be specified, the delivery date. The Date/time/period segment within other Segment group 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.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
			4 Order date/time			
			[2010] Date when an order is issued.			
			17 Delivery date/time, estimated			
			Date and/or time when the shipper of the goods expects delivery will take place.			
			38 Ship not later than date/time			
			Date/time by which the goods should have been shipped.			
			133 Departure date/time, estimated			
			Date/time when carrier estimates that a means of transport should depart at the place of departure.			
			137 Document/message date/time			
			(2006) Date/time when a document/message is issued. This may include authentication.			
		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
			304 CCYYMMDDHHMMSSZZZ			
			See 204 plus Z=Time zone.			

	Segment:	**FTX Free Text**
	Position:	0070
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	99
	Purpose:	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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M	1	an..3	
			Code qualifying the subject of the text.				
			DEL Delivery information				
			Information about delivery.				
	C108		**TEXT LITERAL**	C	1		
			Free text; one to five lines.				
M		4440	**Free text value**	M		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				

	Group:	**RFF Segment Group 1: Reference**
	Position:	0090
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	9999
	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, reservation number.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	Reference	M	1	

Segment:	**RFF Reference**				
Position:	0100 (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.				
Dependency Notes:					
Semantic Notes:					
Comments:					

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C506		REFERENCE	M	1	
			Identification of a reference.			
M		1153	**Reference code qualifier**	M	an..3	
			Code qualifying a reference.			
			CR Customer reference number			
			Reference number assigned by the customer to a transaction.			
			IL Internal order number			
			Number assigned to an order for internal handling/follow up.			
			ON Order number (purchase)			
			[1022] Reference number assigned by the buyer to an order.			
			SD Sales department number			
			A number that identifies a sales department.			
			Channel name			
		1154	**Reference identifier**	C	an..70	
			Identifies a reference.			
		1156	**Document line identifier**	C	an..6	
			To identify a line of a document.			
		4000	**Reference version identifier**	C	an..35	
			To identify the version of a reference.			
		1060	**Revision identifier**	C	an..6	
			To identify a revision.			

Group:	**NAD Segment Group 2: Name and Address**	
Position:	0120	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	99	
Purpose:	A group of segments identifying the parties with associated information.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	NAD	Name and Address	M	1	
	0220		Segment Group 5: Contact Information	C		5

![Rithum logo]

Segment:	**NAD Name and Address**
Position:	0130 (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 order. Identification of the seller and buyer parties is mandatory for the order 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	3035		**PARTY FUNCTION CODE QUALIFIER**	M	1	an..3	
			Code giving specific meaning to a party.				
			BY Buyer				
			Party to whom merchandise and/or service is sold.				
			ST Ship to				
			Identification of the party to where goods will be or have been shipped.				
	C080		**PARTY NAME**	C	1		
			Identification of a transaction party by name, one to five lines. Party name may be formatted.				
M		3036	**Party name**	M		an..35	
			Name of a party.				
		3036	**Party name**	C		an..35	
			Name of a party.				
		3036	**Party name**	C		an..35	
			Name of a party.				
		3036	**Party name**	C		an..35	
			Name of a party.				
		3036	**Party name**	C		an..35	
			Name of a party.				
		3045	**Party name format code**	C		an..3	
			Code specifying the representation of a party name.				
	C059		**STREET**	C	1		
			Street address and/or PO Box number in a structured address: one to four lines.				
M		3042	**Street and number or post office box identifier**	M		an..35	
			To identify a street and number and/or Post Office box number.				
		3042	**Street and number or post office box identifier**	C		an..35	
			To identify a street and number and/or Post Office box number.				
		3042	**Street and number or post office box identifier**	C		an..35	
			To identify a street and number and/or Post Office box number.				
		3042	**Street and number or post office box identifier**	C		an..35	
			To identify a street and number and/or Post Office box number.				

	3164	**CITY NAME**	**C**	**1**	**an..35**
		Name of a city.			
	C819	**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	
		To specify a part of a country (eg county or part of a city).			
X	3229	**Country sub-entity name code**	**C**		**an..9**
	3228	**Country sub-entity name**	**C**		**an..70**
		Name of a country sub-entity.			
	3251	**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**
		Code specifying the postal zone or address.			
	3207	**COUNTRY NAME CODE**	**C**	**1**	**an..3**
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Group:	**CTA Segment Group 5: Contact Information**	
Position:	0220	
Group:	Segment Group 2 (Name and Address)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0230	CTA	Contact Information	M	1	
	0240	COM	Communication Contact	C	5	

Rithum™

Segment:	**CTA Contact Information**	
Position:	0230 (Trigger Segment)	
Group:	Segment Group 5 (Contact Information)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to identify a person or department, and their function, to whom communications should be directed.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
	3139		**CONTACT FUNCTION CODE**	C 1 an..3	
			Code specifying the function of a contact (e.g. department or person).		
		IC	Information contact		
			Department/person to contact for questions regarding transactions.		

Segment:	**COM Communication Contact**	
Position:	0240	
Group:	Segment Group 5 (Contact Information)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A segment to identify a communications type and number for the contact specified in the CTA segment.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	C076		**COMMUNICATION CONTACT**	M	3
			Communication number of a department or employee in a specified channel.		
M		3148	**Communication address identifier**	M	an..512
			To identify a communication address.		
M		3155	**Communication address code qualifier**	M	an..3
			Code qualifying the communication address.		
			EM Electronic mail		
			Exchange of mail by electronic means.		
			TE Telephone		
			Voice/data transmission by telephone.		

Group:	**CUX Segment Group 7: Currencies**		
Position:	0290		
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 order. Currency data may be omitted in national applications but will be required for international transactions.		

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0300	CUX	Currencies	M	1	

Segment: **CUX Currencies**
Position: 0300 (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 order e.g. the order currency. A rate of exchange may be given to convert a reference currency into a target currency.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
	C504		**CURRENCY DETAILS**		C	1	
			The usage to which a currency relates.				
M		6347	**Currency usage code qualifier**		M	an..3	
			Code qualifying the usage of a currency.				
			2	Reference currency			
				The currency applicable to amounts stated. It may have to be converted.			
		6345	**Currency identification code**		C	an..3	
			Code specifying a monetary unit.				
		6343	**Currency type code qualifier**		C	an..3	
			Code qualifying the type of currency.				
			9	Order currency			
				The name or symbol of the monetary unit used in an order.			

Group:	**TDT Segment Group 10: Details of Transport**
Position:	0410
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	A group of segments identifying the mode and means of transport, location and relevant dates and times for transportation, relating to the whole order.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0420	TDT	Details of Transport	M	1	

Segment:		**TDT Details of Transport**			
Position:		0420 (Trigger Segment)			
Group:		Segment Group 10 (Details of Transport)	Conditional (Optional)		
Level:		1			
Usage:		Mandatory			
Max Use:		1			
Purpose:		A segment specifying the mode, means and identification of the transport for the goods being ordered. If required, the carrier's address should be indicated within the NAD Segment group.			

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		
M	8051		**TRANSPORT STAGE CODE QUALIFIER**	M	1	an..3
			Code qualifying a specific stage of transport.			
		20	Main-carriage transport			
			The primary stage in the movement of cargo from the point of origin to the intended destination.			
	C220		**MODE OF TRANSPORT**	C	1	
			Method of transport code or name. Code preferred.			
X		8067	**Transport mode name code**	C		an..3
		8066	**Transport mode name**	C		an..17
			Name of a mode of transport.			
			Informs the ship method			
	C040		**CARRIER**	C	1	
			Identification of a carrier by code and/or by name. Code preferred.			
		3127	**Carrier identifier**	C		an..17
			To identify a carrier.			
			Informs the ship code with service level			
		3128	**Carrier name**	C		an..35
			Name of a carrier.			
			Informs the ship carrier			

Group:	**LIN Segment Group 28: Line Item**	
Position:	1030	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	200000	
Purpose:	A group of segments providing details of the individual ordered items. This segment group may be repeated to give sub-line details.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1040	LIN	Line Item	M	1	
	1050	PIA	Additional Product Id	C	25	
	1060	IMD	Item Description	C	99	
	1080	QTY	Quantity	C	99	
	1120	MOA	Monetary Amount	C	10	
	1780		Segment Group 43: Allowance or Charge	C		99

Segment:	**LIN Line Item**	
Position:	1040 (Trigger Segment)	
Group:	Segment Group 28 (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 ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.	

Dependency Notes:
Semantic Notes:
Comments:

<div align="center">

Data Element Summary

</div>

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	1082		**LINE ITEM IDENTIFIER**	C	1 an..6	
			To identify a line item.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C	an..35	
			To identify an item.			
		7143	**Item type identification code**	C	an..3	
			Coded identification of an item type.			
			SK SKU (Stock keeping unit)			
			Reference number of a stock keeping unit.			

Segment:	PIA Additional Product Id	
Position:	1050	
Group:	Segment Group 28 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	25	
Purpose:	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.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3
			Code qualifying the product identifier.			
		5	Product identification			
			The item number is for product identification.			
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C		an..35
			To identify an item.			
		7143	**Item type identification code**	C		an..3
			Coded identification of an item type.			
		UP	UPC (Universal product code)			
			Number assigned to a manufacturer's product by the Product Code Council.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C		an..35
			To identify an item.			
		7143	**Item type identification code**	C		an..3
			Coded identification of an item type.			
		EN	International Article Numbering Association (EAN)			
			Number assigned to a manufacturer's product according to the International Article Numbering Association.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C		an..35
			To identify an item.			
		7143	**Item type identification code**	C		an..3
			Coded identification of an item type.			
		SRV	EAN.UCC Global Trade Item Number			
			A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C		an..35

To identify an item.

7143   **Item type identification code**   **C**   **an..3**

Coded identification of an item type.

    VN   Vendor item number

Reference number assigned by a vendor/seller identifying a product/service/article.

Segment:	**IMD Item Description**			
Position:	1060			
Group:	Segment Group 28 (Line Item)	Conditional (Optional)		
Level:	2			
Usage:	Conditional (Optional)			
Max Use:	99			
Purpose:	A segment for describing the product or service being ordered 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.			

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
	7077		**DESCRIPTION FORMAT CODE**	C	1	an..3	
			Code specifying the format of a description.				
		F	Free-form				
			Description of an item in free form text.				
	C272		**ITEM CHARACTERISTIC**	C	1		
			To provide the characteristic of the item being described.				
		7081	**Item characteristic code**	C		an..3	
			Code specifying the characteristic of an item.				
		8	Product				
			The characteristic of a product.				
		35	Colour				
			Description of the colour required/available on the product.				
		98	Size				
			Description of size in non-numeric terms.				
	C273		**ITEM DESCRIPTION**	C	1		
			Description of an item.				
X		7009	**Item description code**	C		an..17	
		7008	**Item description**	C		an..256	
			Free form description of an item.				
	7383		**SURFACE OR LAYER CODE**	C	1	an..3	
			Code specifying the surface or layer of an object.				

Segment: QTY Quantity
Position: 1080
Group: Segment Group 28 (Line Item)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment identifying the product quantities e.g. ordered quantity.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
			21 Ordered quantity			
			The quantity which has been ordered.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			

Segment: **MOA Monetary Amount**
Position: 1120
Group: Segment Group 28 (Line Item)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying any monetary amounts relating to the product e.g. item amount, insurance value, customs value.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**		M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.				
M		5025	**Monetary amount type code qualifier**		M	an..3	
			Code qualifying the type of monetary amount.				
			66	Goods item total			
				Net price x quantity for the line item.			
				Only at "Marketplace" orders			
			125	Taxable amount			
				Amount on which a tax has to be applied.			
				Only at "Marketplace" orders			
			128	Total amount			
				The amount specified is the total amount.			
				Only at "Marketplace" orders			
			139	Total payment amount			
				A complete charge for goods or services rendered.			
				Only at "Marketplace" orders			
			203	Line item amount			
				Goods item total minus allowances plus charges for line item. See also Code 66.			
		5004	**Monetary amount**		C	n..35	
			To specify a monetary amount.				

![Rithum logo]

Group:	**ALC Segment Group 43: Allowance or Charge**	
Position:	1780	
Group:	Segment Group 28 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	99	
Purpose:	A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1790	ALC	Allowance or Charge	M	1	
	1850		Segment Group 45: Percentage Details	C		1

Segment: **ALC Allowance or Charge**
Position: 1790 (Trigger Segment)
Group: Segment Group 43 (Allowance or Charge)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary its calculation sequence.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	5463		**ALLOWANCE OR CHARGE CODE QUALIFIER**	M	1 an..3	
			Code qualifying an allowance or charge.			
		A	Allowance			
			Code specifying an allowance.			

Group:	**PCD Segment Group 45: Percentage Details**
Position:	1850
Group:	Segment Group 43 (Allowance or Charge) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A group of segments specifying the percentage for the allowance or charge e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1860	PCD	Percentage Details	M	1	

Rithum

Segment:	PCD Percentage Details		
Position:	1860 (Trigger Segment)		
Group:	Segment Group 45 (Percentage Details)	Conditional (Optional)	
Level:	3		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C501		**PERCENTAGE DETAILS**	M	1	
			Percentage relating to a specified basis.			
M		5245	**Percentage type code qualifier**	M	an..3	
			Code qualifying the type of percentage.			
			Only at "Marketplace" orders			
		44	Gross turnover commission			
			Percentage of gross turnover used to calculate commission.			
		5482	**Percentage**	C	n..10	
			To specify a percentage.			

Segment:	**UNS Section Control**
Position:	2330
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment placed at the start of the summary section to avoid segment collision.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	0081		**SECTION IDENTIFIER**	M 1 a1	
			A character identifying the next section in a message.		
		S	Detail/summary section separation		
			To qualify the segment UNS, when separating the detail from the summary section of a message.		

Segment:	**MOA Monetary Amount**
Position:	2340
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A segment giving the total amounts for the whole order message.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
		86	Message total monetary amount			
			The total of all monetary amounts contained within the message.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			

Rithum

Segment:	CNT Control Total		
Position:	2350		
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.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
		2	Number of line items in message			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			

Segment:	**UNT Message Trailer**
Position:	2400
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6
			Control count of number of segments in a message.			
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			

DESADV Despatch Advice Message

Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions.
The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Heading Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
	0080		Segment Group 1: RFF	C		10	
M	0090	RFF	Reference	M	1		
	0240		Segment Group 6: TDT	C		10	
M	0250	TDT	Details of Transport	M	1		

Detail Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	0390		Segment Group 10: CPS-SG11-SG17	C		9999	
M	0400	CPS	Consignment Packing Sequence	M	1		
	0430		Segment Group 11: PAC-SG13	C		9999	
M	0440	PAC	Package	M	1		
	0500		Segment Group 13: PCI-RFF-DTM-SG15	C		1000	
M	0510	PCI	Package Identification	M	1		
	0520	RFF	Reference	C	1		
	0530	DTM	Date/Time/Period	C	5		
	0570		Segment Group 15: GIN	C		99	
M	0580	GIN	Goods Identity Number	M	1		
	0650		Segment Group 17: LIN-PIA-QTY	C		9999	
M	0660	LIN	Line Item	M	1		
	0670	PIA	Additional Product Id	C	10		
	0700	QTY	Quantity	C	10		

Summary Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	1140	CNT	Control Total	C	5		
M	1150	UNT	Message Trailer	M	1		

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 Despatch advice message is DESADV.
	Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:
	Data element 0065 DESADV 0052 D 0054 01B 0051 UN
Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			DESADV Despatch advice message				
			A code to identify the despatch advice message.				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..2	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
		0057	**Association assigned code**	C		an..6	
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
	0068		**COMMON ACCESS REFERENCE**	C	1	an..35	
			Reference serving as a key to relate all subsequent transfers of data to the				

same business case or file.

| | S010 | **STATUS OF THE TRANSFER** | C | 1 |

Statement that the message is one in a sequence of transfers relating to the same topic.

| M | | 0070 | **Sequence message transfer number** | M | n..2 |

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

| | 0073 | **First/last sequence message transfer indication** | C | a1 |

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

Segment:	**BGM Beginning of Message**	
Position:	0020	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment for unique identification of the Despatch Advice document, by means of its name and its number.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	C	an..3	
			Code specifying the document name.			
			351 Despatch advice			
			Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.			
	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
		1004	**Document identifier**	C	an..35	
			To identify a document.			
		1225	**MESSAGE FUNCTION CODE**	C	1 an..3	
			Code indicating the function of the message.			
			9 Original			
			Initial transmission related to a given transaction.			

Group:	**RFF Segment Group 1: Reference**	
Position:	0080	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use	10	
Purpose:	A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0090	RFF	Reference	M	1	

Segment:	**RFF Reference**	
Position:	0090 (Trigger Segment)	
Group:	Segment Group 1 (Reference)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C506		REFERENCE	M	1	
			Identification of a reference.			
M		1153	**Reference code qualifier**	M	an..3	
			Code qualifying a reference.			
			CR	Customer reference number		
				Reference number assigned by the customer to a transaction.		
			ON	Order number (purchase)		
				[1022] Reference number assigned by the buyer to an order.		
		1154	**Reference identifier**	C	an..70	
			Identifies a reference.			

Group:	**TDT Segment Group 6: Details of Transport**	
Position:	0240	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	10	
Purpose:	A group of segments specifying details of the mode, means and method of transport and date/time of departure and destination relevant to the whole despatch advice.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0250	TDT	Details of Transport	M	1	

Segment:	**TDT Details of Transport**	
Position:	0250 (Trigger Segment)	
Group:	Segment Group 6 (Details of Transport)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment specifying the carriage, and the mode and means of transport of the goods being despatched.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	8051		**TRANSPORT STAGE CODE QUALIFIER**	M	1	an..3	
			Code qualifying a specific stage of transport.				
		25	Delivery carrier all transport				
			Carrier responsible from the point of origin to the final delivery destination.				
	C220		**MODE OF TRANSPORT**	C	1		
			Method of transport code or name. Code preferred.				
X		8067	**Transport mode name code**	C		an..3	
		8066	**Transport mode name**	C		an..17	
			Name of a mode of transport.				
			Informs the ship method				
	C040		**CARRIER**	C	1		
			Identification of a carrier by code and/or by name. Code preferred.				
		3127	**Carrier identifier**	C		an..17	
			To identify a carrier.				
			Informs the shipping service level code				
		3128	**Carrier name**	C		an..35	
			Name of a carrier.				
			Informs the ship carrier				

Group:	**CPS Segment Group 10: Consignment Packing Sequence**	
Position:	0390	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	9999	
Purpose:	A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0400	CPS	Consignment Packing Sequence	M	1	
	0430		Segment Group 11: Package	C		9999
	0650		Segment Group 17: Line Item	C		9999

Rithum™

Segment:	**CPS Consignment Packing Sequence**	
Position:	0400 (Trigger Segment)	
Group:	Segment Group 10 (Consignment Packing Sequence)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	7164		**HIERARCHICAL STRUCTURE LEVEL IDENTIFIER**	M	1	an..35	
			To identify a level within a hierarchical structure.				
	7075		**PACKAGING LEVEL CODE**	C	1	an..3	
			Code specifying a level of packaging.				
		4	No packaging hierarchy				
			There is no specifiable level of packaging: packaging is inner and outer level as well.				

Group:	**PAC Segment Group 11: Package**
Position:	0430
Group:	Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0440	PAC	Package	M	1	
	0500		Segment Group 13: Package Identification	C		1000

Segment:	**PAC Package**		
Position:	0440 (Trigger Segment)		
Group:	Segment Group 11 (Package)	Conditional (Optional)	
Level:	2		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
	7224		**PACKAGE QUANTITY**	C 1 n..8	
			To specify the number of packages.		
			Hardcode "1", this is just a placeholder to allow reporting the package metadata within the PAC group		

Group:	**PCI Segment Group 13: Package Identification**
Position:	0500
Group:	Segment Group 11 (Package) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	1000
Purpose:	A group of segments specifying markings, labels, and packing numbers.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0510	PCI	Package Identification	M	1	
	0520	RFF	Reference	C	1	
	0530	DTM	Date/Time/Period	C	5	
	0570		Segment Group 15: Goods Identity Number	C		99

Segment:	**PCI Package Identification**		
Position:	0510 (Trigger Segment)		
Group:	Segment Group 13 (Package Identification)	Conditional (Optional)	
Level:	3		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
	4233		**MARKING INSTRUCTIONS CODE**	C 1 an..3	
			Code specifying instructions for marking.		
		30	Mark serial shipping container code		
			Requests the marking of the serial shipping container code to the transport container or packaging.		

Segment:	**RFF Reference**		
Position:	0520		
Group:	Segment Group 13 (Package Identification)	Conditional (Optional)	
Level:	4		
Usage:	Conditional (Optional)		
Max Use:	1		
Purpose:	A segment for referencing the package identification e.g. master label number.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	**C506**		**REFERENCE**	**M**	**1**	
			Identification of a reference.			
M		**1153**	**Reference code qualifier**	**M**	**an..3**	
			Code qualifying a reference.			
			WS Warehouse storage location number			
			A number identifying a warehouse storage location.			
		1154	**Reference identifier**	**C**	**an..70**	
			Identifies a reference.			

Segment:	**DTM Date/Time/Period**
Position:	0530
Group:	Segment Group 13 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	A segment for specifying date/time/period related to the document referenced.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
			79 Shipment date/time, promised for			
			Shipment might happen at given date/time.			
		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
			304 CCYYMMDDHHMMSSZZZ			
			See 204 plus Z=Time zone.			

Group:	**GIN Segment Group 15: Goods Identity Number**					
Position:	0570					
Group:	Segment Group 13 (Package Identification)		Conditional (Optional)			
Level:	4					
Usage:	Conditional (Optional)					
Max Use:	99					
Purpose:	A group of segments giving package identification numbers and, where relevant, delivery limitation information.					

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0580	GIN	Goods Identity Number	M	1	

Segment:	**GIN Goods Identity Number**
Position:	0580 (Trigger Segment)
Group:	Segment Group 15 (Goods Identity Number) Conditional (Optional)
Level:	4
Usage:	Mandatory
Max Use:	1
Purpose:	A segment providing the identity numbers of packages being despatched.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	7405		**OBJECT IDENTIFICATION CODE QUALIFIER**	M	1	an..3	
			Code qualifying the identification of an object.				
			BJ Serial shipping container code				
			Code requested for deletion.				
			Informs the package tracking number				
M	C208		**IDENTITY NUMBER RANGE**	M	1		
			Goods item identification numbers, start and end of consecutively numbered range.				
M		7402	**Object identifier**	M		an..35	
			Code specifying the unique identity of an object.				

Group:	**LIN Segment Group 17: Line Item**	
Position:	0650	
Group:	Segment Group 10 (Consignment Packing Sequence)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9999	
Purpose:	A group of segments providing details of the individual despatched items.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0660	LIN	Line Item	M	1	
	0670	PIA	Additional Product Id	C	10	
	0700	QTY	Quantity	C	10	

Segment:	**LIN Line Item**
Position:	0660 (Trigger Segment)
Group:	Segment Group 17 (Line Item) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the product being despatched.
	All other segments in the detail section following the LIN segment refer to that line item.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	1082		**LINE ITEM IDENTIFIER**	C	1 an..6	
			To identify a line item.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C	an..35	
			To identify an item.			
		7143	**Item type identification code**	C	an..3	
			Coded identification of an item type.			
		VN		Vendor item number		
				Reference number assigned by a vendor/seller identifying a product/service/article.		

Segment:	**PIA Additional Product Id**	
Position:	0670	
Group:	Segment Group 17 (Line Item)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	10	
Purpose:	A segment providing additional product identification.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3	
			Code qualifying the product identifier.				
			5 Product identification				
			The item number is for product identification.				
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
			SK SKU (Stock keeping unit)				
			Reference number of a stock keeping unit.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
			UP UPC (Universal product code)				
			Number assigned to a manufacturer's product by the Product Code Council.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
			EN International Article Numbering Association (EAN)				
			Number assigned to a manufacturer's product according to the International Article Numbering Association.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
			SRV EAN.UCC Global Trade Item Number				
			A unique number, up to 14-digits, assigned according to				

the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.

Segment:	QTY Quantity		
Position:	0700		
Group:	Segment Group 17 (Line Item)	Conditional (Optional)	
Level:	3		
Usage:	Conditional (Optional)		
Max Use:	10		
Purpose:	A segment to give quantity information concerning the product.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
		12	Despatch quantity			
			Quantity despatched by the seller.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			

Rithum™

Segment:	**CNT Control Total**	
Position:	1140	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A segment by which control totals may be provided by sender for checking by the receiver.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			
		6411	**Measurement unit code**	C	an..3	
			Code specifying the unit of measurement.			

Segment:	**UNT Message Trailer**	
Position:	1150	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6
			Control count of number of segments in a message.			
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			

ORDCHG Purchase Order Change Request Message

Introduction:

A message from the buyer to the seller, specifying details of the buyer's request to change a purchase order.

Notes:

DSCO only allows order cancellations

Heading Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
	0070	FTX	Free Text	C	99		
	0090		Segment Group 1: RFF	C		9999	
M	0100	RFF	Reference	M	1		

Detail Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	1000		Segment Group 27: LIN-PIA-QTY-QVR-FTX	C		200000	
M	1010	LIN	Line Item	M	1		
	1020	PIA	Additional Product Id	C	25		
	1050	QTY	Quantity	C	99		
	1130	QVR	Quantity Variances	C	1		
	1170	FTX	Free Text	C	99		

Section Control:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	2240	UNS	Section Control	M	1		

Summary Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	2260	CNT	Control Total	C	10		
M	2310	UNT	Message Trailer	M	1		

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 Purchase order change request message is ORDCHG.	
	Note: Purchase order change request messages conforming to this document must contain the following data in segment UNH, composite S009:	
	Data element 0065 ORDCHG 0052 D 0054 01B 0051 UN	
Dependency Notes:		
Semantic Notes:		
Comments:		
Business Rules:	Variable Name: UNH1	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			ORDCHG Purchase order change request message				
			A code to identify the purchase order change request message.				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..2	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
		0057	**Association assigned code**	C		an..6	
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
	0068		**COMMON ACCESS REFERENCE**	C	1	an..35	

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

| | **S010** | **STATUS OF THE TRANSFER** | **C** | **1** |

Statement that the message is one in a sequence of transfers relating to the same topic.

| **M** | | **0070** | **Sequence message transfer number** | **M** | **n..2** |

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

| | | **0073** | **First/last sequence message transfer indication** | **C** | **a1** |

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

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 order change by means of its number and when necessary its function.

If an Order is to be cancelled, use of Message Function Code (D/E: 1225) '1' indicates that the transmitted message requests a complete cancellation of a referenced Purchase Order. All data is to be cancelled.

If an Order is to be changed, use of Message function code '4' indicates that the transmitted message requests specified changes of the referred Purchase Order.

If an Order is to be replaced, use of Message Function Code '5' indicates that the transmitted message effects a complete replacement of the referenced Purchase Order. All data are to be replaced in their entirety by that in the current message.

If an Order response with changes is to be confirmed, use of Message Function Code '6' indicates the confirmation by the buyer of amendments proposed by the seller.

If an Order is to be duplicated, use of Message Function Code '7' indicates that the transmitted message is an exact duplication of a previous Purchase Order Change Request.

If an order is to be cancelled and to be re-issued, use of Message Function Code '17' indicates that the transmitted message effects a complete cancellation of the referenced Purchase Order, and that a Purchase Order will be issued.

If only the heading section of an order is to be replaced, use of Message Function Code '20' indicates that the transmitted message effects changes in Heading Section data only. The complete Heading Section data is transmitted to replace all data previously sent. Detail and Summary Section data remain unchanged.

If only item detail and summary is to be replaced, use of Message Function Code '21' indicates that the transmitted message effects changes in Detail Section data, and may affect Summary data. Heading Section data remains unchanged.

To indicate the last and final release of an order, use Message Function Code '22'.

If an order is to be placed on hold, use of Message Function Code '23' indicates that the processing against the referenced purchase order has been suspended until further release information. An order placed on hold is subsequently released by Message Function Code 'XX'.

If an Order is to be accepted without amendment, use of Message Function Code '29' indicates that the buyer accepts the reference message without amendments.

If an order is to be Changed in detail section, use of Message Function Code '36' indicates that the transmitted message requests specified changes in data in the Detail section. Changes are indicated at the line item level.

Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C002		**DOCUMENT/MESSAGE NAME**	**C**	**1**	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	**C**	**an..3**	

Code specifying the document name.

230	Purchase order change request			

Change to an purchase order already sent.

Only order cancellations are allowed

C106   **DOCUMENT/MESSAGE IDENTIFICATION**   **C**   **1**

Identification of a document/message by its number and eventually its version or revision.

     1004   **Document identifier**   **C**   **an..35**

To identify a document.

     1225   **MESSAGE FUNCTION CODE**   **C**   **1**   **an..3**

Code indicating the function of the message.

     1   Cancellation

Message cancelling a previous transmission for a given transaction.

Segment:	**DTM Date/Time/Period**	
Position:	0030	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	35	
Purpose:	A segment specifying general dates and, when relevant, times related to the whole order or order change message. The segment must be specified at least once to identify the order change date.	
	Examples of the use of this DTM segment are: Lead times that apply to the whole of the order and, if no schedule is to be specified, the delivery date.	
	The Date/time/period segment within other Segment group should be used whenever the date/time/period requires to be logically related to another specified data item. e.g. schedule dates are specified within Segment group 50.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
			137 Document/message date/time			
			(2006) Date/time when a document/message is issued. This may include authentication.			
		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
			304 CCYYMMDDHHMMSSZZZ			
			See 204 plus Z=Time zone.			

Segment:	FTX Free Text		
Position:	0070		
Group:			
Level:	1		
Usage:	Conditional (Optional)		
Max Use:	99		
Purpose:	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.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M	1	an..3	
			Code qualifying the subject of the text.				
			ACD Reason				
			Reason for a request or response.				
	C107		**TEXT REFERENCE**	C	1		
			Coded reference to a standard text and its source.				
M		4441	**Free text value code**	M		an..17	
			Code specifying free form text.				
			Hardcode "CancelReason"				
	C108		**TEXT LITERAL**	C	1		
			Free text; one to five lines.				
M		4440	**Free text value**	M		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				

Group:	**RFF Segment Group 1: Reference**	
Position:	0090	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	9999	
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, reservation number.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	Reference	M	1	

Segment:	**RFF Reference**	
Position:	0100 (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 that document.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	C506		**REFERENCE**		M	1	
			Identification of a reference.				
M		1153	**Reference code qualifier**		M	an..3	
			Code qualifying a reference.				
			ON	Order number (purchase)			
				[1022] Reference number assigned by the buyer to an order.			
		1154	**Reference identifier**		C	an..70	
			Identifies a reference.				

Group:	**LIN Segment Group 27: Line Item**	
Position:	1000	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	200000	
Purpose:	A group of segments providing details of the individual line items. This Segment group may be repeated to give sub-line details.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1010	LIN	Line Item	M	1	
	1020	PIA	Additional Product Id	C	25	
	1050	QTY	Quantity	C	99	
	1130	QVR	Quantity Variances	C	1	
	1170	FTX	Free Text	C	99	

Segment:	**LIN Line Item**
Position:	1010 (Trigger Segment)
Group:	Segment Group 27 (Line Item) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the line item with 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. The D.E. 1229 has to be used.
	The following Semantic Notes concern the use of the LIN segment and D/E 1229 Action request/notification description code for segment group 27.
	If a line item is requested to be added, use of Action Request Code '1' indicates that the line item is to be added to the Purchase Order as a new or additional item. All required data must be transmitted.
	If a line item is requested to be deleted, use of Action Request Code '2' indicates that the line item is to be deleted from the Purchase Order. The item is cancelled completely. No other data for the line item need be transmitted.
	If a line item is requested to be changed, use of Action Request Code '3' indicates that the line item is to be changed. The data transmitted in the LIN segment, and segments attached to the LIN, replaces that previously held for the order item.
	If a line item is not requested to be amended, use of Action Request Code '11' indicates that the line item has not changed and no action has been taken, and the item is transmitted for information purposes and/or positioning.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	1082		**LINE ITEM IDENTIFIER**	C	1 an..6	
			To identify a line item.			
	1229		**ACTION REQUEST/NOTIFICATION DESCRIPTION CODE**	C	1 an..3	
			Code specifying the action to be taken or already taken.			
		2	Deleted			
			The information is to be or has been deleted.			
	C212		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
		7140	**Item identifier**	C	an..35	
			To identify an item.			
		7143	**Item type identification code**	C	an..3	
			Coded identification of an item type.			
		SK	SKU (Stock keeping unit)			
			Reference number of a stock keeping unit.			

Segment:	**PIA Additional Product Id**	
Position:	1020	
Group:	Segment Group 27 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	25	
Purpose:	A segment providing either additional identification of the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M 1 an..3	
			Code qualifying the product identifier.		
		5	Product identification		
			The item number is for product identification.		
M	C212		**ITEM NUMBER IDENTIFICATION**	M 1	
			Goods identification for a specified source.		
		7140	**Item identifier**	C an..35	
			To identify an item.		
		7143	**Item type identification code**	C an..3	
			Coded identification of an item type.		
		VN	Vendor item number		
			Reference number assigned by a vendor/seller identifying a product/service/article.		
	C212		**ITEM NUMBER IDENTIFICATION**	C 1	
			Goods identification for a specified source.		
		7140	**Item identifier**	C an..35	
			To identify an item.		
		7143	**Item type identification code**	C an..3	
			Coded identification of an item type.		
		UP	UPC (Universal product code)		
			Number assigned to a manufacturer's product by the Product Code Council.		
	C212		**ITEM NUMBER IDENTIFICATION**	C 1	
			Goods identification for a specified source.		
		7140	**Item identifier**	C an..35	
			To identify an item.		
		7143	**Item type identification code**	C an..3	
			Coded identification of an item type.		
		EN	International Article Numbering Association (EAN)		
			Number assigned to a manufacturer's product according to the International Article Numbering Association.		

Segment: **QTY Quantity**
Position: 1050
Group: Segment Group 27 (Line Item)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment identifying a quantity as specified by the Action Code Request.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
			21 Ordered quantity			
			The quantity which has been ordered.			
			182 Cancelled quantity			
			Quantity of the referenced item which has previously been ordered and is now cancelled.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			

Segment:	**QVR Quantity Variances**	
Position:	1130	
Group:	Segment Group 27 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	1	
Purpose:	A segment identifying order quantity variances.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C960		**REASON FOR CHANGE**	C	1	
			Code and/or description of the reason for a change.			
X		4295	**Change reason description code**	C	an..3	
M		4294	**Change reason description**	M	an..35	
			Free form description of the reason for change.			
			Mandatory. Codified cancel reason as configured on the platform			

Segment:	**FTX Free Text**	
Position:	1170	
Group:	Segment Group 27 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	99	
Purpose:	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.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M	1	an..3	
			Code qualifying the subject of the text.				
			ACD Reason				
			Reason for a request or response.				
	C107		**TEXT REFERENCE**	C	1		
			Coded reference to a standard text and its source.				
M		4441	**Free text value code**	M		an..17	
			Code specifying free form text.				
			Hardcode "CancelReason"				
	C108		**TEXT LITERAL**	C	1		
			Free text; one to five lines.				
M		4440	**Free text value**	M		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				
		4440	**Free text value**	C		an..512	
			Free form text.				

Segment:	**UNS Section Control**		
Position:	2240		
Group:			
Level:	0		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A service segment placed at the start of the summary section to avoid segment collision.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	0081		**SECTION IDENTIFIER**	M 1 a1	
			A character identifying the next section in a message.		
		S	Detail/summary section separation		
			To qualify the segment UNS, when separating the detail from the summary section of a message.		

Segment:	CNT Control Total
Position:	2260
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	A segment by which control totals may be provided.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
			2 Number of line items in message			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			

Segment: **UNT Message Trailer**
Position: 2310
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6
			Control count of number of segments in a message.			
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			

INVOIC Invoice Message

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:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
	0120		Segment Group 1: RFF	C		99999	
M	0130	RFF	Reference	M	1		
	0220		Segment Group 2: NAD-SG3-SG5	C		99	
M	0230	NAD	Name and Address	M	1		
	0270		Segment Group 3: RFF	C		9999	
M	0280	RFF	Reference	M	1		
	0330		Segment Group 5: CTA-COM	C		5	
M	0340	CTA	Contact Information	M	1		
	0350	COM	Communication Contact	C	5		
	0400		Segment Group 7: CUX	C		99	
M	0410	CUX	Currencies	M	1		
	0430		Segment Group 8: PAT-DTM	C		10	
M	0440	PAT	Payment Terms Basis	M	1		
	0450	DTM	Date/Time/Period	C	5		

Detail Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	1090		Segment Group 26: LIN-PIA-QTY-SG27-SG34	C		9999999	
M	1100	LIN	Line Item	M	1		
	1110	PIA	Additional Product Id	C	25		
	1150	QTY	Quantity	C	5		
	1250		Segment Group 27: MOA	C		99	
M	1260	MOA	Monetary Amount	M	1		
	1550		Segment Group 34: TAX-MOA	C		99	
M	1560	TAX	Duty/Tax/Fee Details	M	1		
	1570	MOA	Monetary Amount	C	2		

Section Control:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	2170	UNS	Section Control	M	1		

Summary Section:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	2180	CNT	Control Total	C	10		
M	2190		Segment Group 50: MOA	M		100	
M	2200	MOA	Monetary Amount	M	1		
	2240		Segment Group 52: TAX-MOA	C		10	
M	2250	TAX	Duty/Tax/Fee Details	M	1		
	2260	MOA	Monetary Amount	C	9		
	2270		Segment Group 53: ALC-MOA	C		15	
M	2280	ALC	Allowance or Charge	M	1		
	2300	MOA	Monetary Amount	C	2		
M	2320	UNT	Message Trailer	M	1		

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 01B 0051 UN	
Dependency Notes:		
Semantic Notes:		
Comments:		
Business Rules:	Variable Name: UNH1	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			INVOIC Invoice message				
			A code to identify the invoice message.				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..2	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
		0057	**Association assigned code**	C		an..6	
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
	0068		**COMMON ACCESS REFERENCE**	C	1	an..35	
			Reference serving as a key to relate all subsequent transfers of data to the				

same business case or file.

| | S010 | **STATUS OF THE TRANSFER** | C | 1 |

Statement that the message is one in a sequence of transfers relating to the same topic.

| M | 0070 | **Sequence message transfer number** | M | n..2 |

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

| | 0073 | **First/last sequence message transfer indication** | C | a1 |

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

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.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	C		an..3
			Code specifying the document name.			
			380 Commercial invoice			
			Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.			
	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
		1004	**Document identifier**	C		an..35
			To identify a document.			
		1225	**MESSAGE FUNCTION CODE**	C	1	an..3
			Code indicating the function of the message.			
			9 Original			
			Initial transmission related to a given transaction.			

Segment:	**DTM Date/Time/Period**		
Position:	0030		
Group:			
Level:	1		
Usage:	Mandatory		
Max Use:	35		
Purpose:	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.		

Dependency Notes:
Semantic Notes:
Comments:

<div align="center">

Data Element Summary

</div>

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
			3 Invoice date/time			
			[2376] Date when a Commercial Invoice is issued.			
			11 Despatch date and or time			
			(2170) Date/time on which the goods are or are expected to be despatched or shipped.			
			137 Document/message date/time			
			(2006) Date/time when a document/message is issued. This may include authentication.			
		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
			304 CCYYMMDDHHMMSSZZZ			
			See 204 plus Z=Time zone.			

Group:	**RFF Segment Group 1: Reference**
Position:	0120
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	99999
Purpose:	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.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	RFF	Reference	M	1	

![Rithum logo]

Segment:	**RFF Reference**		
Position:	0130 (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.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C506		**REFERENCE**	M	1	
			Identification of a reference.			
M		1153	**Reference code qualifier**	M	an..3	
			Code qualifying a reference.			
			IV Invoice number			
			[1334] Reference number assigned by the seller to a Commercial Invoice.			
			ON Order number (purchase)			
			[1022] Reference number assigned by the buyer to an order.			
		1154	**Reference identifier**	C	an..70	
			Identifies a reference.			

Group:	**NAD Segment Group 2: Name and Address**					
Position:	0220					
Group:						
Level:	1					
Usage:	Conditional (Optional)					
Max Use:	99					
Purpose:	A group of segments identifying the parties with associated information.					

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0230	NAD	Name and Address	M	1	
	0270		Segment Group 3: Reference	C		9999
	0330		Segment Group 5: Contact Information	C		5

Segment:	**NAD Name and Address**		
Position:	0230 (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.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	3035		**PARTY FUNCTION CODE QUALIFIER**	M	1	an..3	
			Code giving specific meaning to a party.				
			BY Buyer				
			Party to whom merchandise and/or service is sold.				
			SF Ship from				
			Identification of the party from where goods will be or have been shipped.				
			ST Ship to				
			Identification of the party to where goods will be or have been shipped.				
			SU Supplier				
			Party who supplies goods and/or services.				
	C082		**PARTY IDENTIFICATION DETAILS**	C	1		
			Identification of a transaction party by code.				
M		3039	**Party identifier**	M		an..35	
			Code specifying the identity of a party.				
		1131	**Code list identification code**	C		an..17	
			Code identifying a user or association maintained code list.				
		3055	**Code list responsible agency code**	C		an..3	
			Code specifying the agency responsible for a code list.				
	C058		**NAME AND ADDRESS**	C	1		
			Unstructured name and address: one to five lines.				
M		3124	**Name and address description**	M		an..35	
			Free form description of a name and address line.				
		3124	**Name and address description**	C		an..35	
			Free form description of a name and address line.				
		3124	**Name and address description**	C		an..35	
			Free form description of a name and address line.				
		3124	**Name and address description**	C		an..35	
			Free form description of a name and address line.				
		3124	**Name and address description**	C		an..35	
			Free form description of a name and address line.				
	C080		**PARTY NAME**	C	1		

Identification of a transaction party by name, one to five lines. Party name may be formatted.

M		3036	**Party name**	M		an..35
			Name of a party.			
		3036	**Party name**	C		an..35
			Name of a party.			
		3036	**Party name**	C		an..35
			Name of a party.			
		3036	**Party name**	C		an..35
			Name of a party.			
		3036	**Party name**	C		an..35
			Name of a party.			
		3045	**Party name format code**	C		an..3
			Code specifying the representation of a party name.			
	C059		**STREET**	C	1	
			Street address and/or PO Box number in a structured address: one to four lines.			
M		3042	**Street and number or post office box identifier**	M		an..35
			To identify a street and number and/or Post Office box number.			
		3042	**Street and number or post office box identifier**	C		an..35
			To identify a street and number and/or Post Office box number.			
		3042	**Street and number or post office box identifier**	C		an..35
			To identify a street and number and/or Post Office box number.			
		3042	**Street and number or post office box identifier**	C		an..35
			To identify a street and number and/or Post Office box number.			
	3164		**CITY NAME**	C	1	an..35
			Name of a city.			
	C819		**COUNTRY SUB-ENTITY DETAILS**	C	1	
			To specify a part of a country (eg county or part of a city).			
		3229	**Country sub-entity name code**	C		an..9
			Code specifying the name of a country sub-entity.			
		1131	**Code list identification code**	C		an..17
			Code identifying a user or association maintained code list.			
		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
		3228	**Country sub-entity name**	C		an..70
			Name of a country sub-entity.			
	3251		**POSTAL IDENTIFICATION CODE**	C	1	an..17
			Code specifying the postal zone or address.			
	3207		**COUNTRY NAME CODE**	C	1	an..3
			Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Group:	**RFF Segment Group 3: Reference**
Position:	0270
Group:	Segment Group 2 (Name and Address) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segment for giving references only relevant to the specified party rather than the whole invoice.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0280	RFF	Reference	M	1	

Segment:	**RFF Reference**	
Position:	0280 (Trigger Segment)	
Group:	Segment Group 3 (Reference)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the reference by its number and where appropriate a line number within a document.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	C506		REFERENCE	M	1	
			Identification of a reference.		
M		1153	**Reference code qualifier**	M	an..3
			Code qualifying a reference.		
			VA VAT registration number		
			Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).		
			Only used for NAD+SU and NAD+BY (Supplier and buyer VAT IDs)		
		1154	**Reference identifier**	C	an..70
			Identifies a reference.		

Group:	**CTA Segment Group 5: Contact Information**
Position:	0330
Group:	Segment Group 2 (Name and Address) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0340	CTA	Contact Information	M	1	
	0350	COM	Communication Contact	C	5	

Rithum

Segment:	CTA Contact Information	
Position:	0340 (Trigger Segment)	
Group:	Segment Group 5 (Contact Information)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to identify a person or department, and their function, to whom communications should be directed.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
	3139		CONTACT FUNCTION CODE	C	1	an..3	
			Code specifying the function of a contact (e.g. department or person).				
			IC Information contact				
			Department/person to contact for questions regarding transactions.				
	C056		DEPARTMENT OR EMPLOYEE DETAILS	C	1		
			Code and/or name of a department or employee. Code preferred.				
		3413	Department or employee name code	C		an..17	
			Code specifying the name of a department or employee.				
		3412	Department or employee name	C		an..35	
			Name of a department or employee.				

Segment:	**COM Communication Contact**		
Position:	0350		
Group:	Segment Group 5 (Contact Information)	Conditional (Optional)	
Level:	3		
Usage:	Conditional (Optional)		
Max Use:	5		
Purpose:	A segment to identify a communications type and number for the contact specified in the CTA segment.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C076		**COMMUNICATION CONTACT**	M	3	
			Communication number of a department or employee in a specified channel.			
M		3148	**Communication address identifier**	M	an..512	
			To identify a communication address.			
M		3155	**Communication address code qualifier**	M	an..3	
			Code qualifying the communication address.			
			EM Electronic mail			
			Exchange of mail by electronic means.			
			TE Telephone			
			Voice/data transmission by telephone.			

Group:	**CUX Segment Group 7: Currencies**
Position:	0400
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	99
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

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0410	CUX	Currencies	M	1	

Rithum

Segment:	**CUX Currencies**		
Position:	0410 (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.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
	C504		**CURRENCY DETAILS**	C	1	
			The usage to which a currency relates.			
M		6347	**Currency usage code qualifier**	M	an..3	
			Code qualifying the usage of a currency.			
			2 Reference currency			
			The currency applicable to amounts stated. It may have to be converted.			
		6345	**Currency identification code**	C	an..3	
			Code specifying a monetary unit.			

Group:	**PAT Segment Group 8: Payment Terms Basis**	
Position:	0430	
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

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0440	PAT	Payment Terms Basis	M	1	
	0450	DTM	Date/Time/Period	C	5	

Rithum

Segment:	**PAT Payment Terms Basis**	
Position:	0440 (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.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	4279		**PAYMENT TERMS TYPE CODE QUALIFIER**		M	1 an..3	
			Code qualifying the type of payment terms.				
			1	Basic			
				Payment conditions normally applied.			
			2	End of month			
				Payments are due at end of month.			
			5	Discount not applicable			
				Payment terms on which discounts are not applicable.			
			8	Basic discount offered			
				Payment terms reflect the basic offered discount.			
			12	10 days after end of month			
				Payment due ten days after end of a calendar month.			
	C112		**TERMS/TIME INFORMATION**		C	1	
			Time details in payment terms.				
M		2475	**Time reference code**		M	an..3	
			Code referencing a point in time.				
			5	Date of invoice			
				Payment time reference is date of invoice.			
		2009	**Terms time relation code**		C	an..3	
			Code relating terms to a reference date, time or period.				
			3	After reference			
				Payment terms related to time after reference date.			
		2151	**Period type code**		C	an..3	
			Code specifying the type of period.				
			D	Day			
				The twenty-four hour period during which the earth completes one rotation on its axis.			
		2152	**Period count quantity**		C	n..3	
			Count of the number of periods.				

Segment:	DTM Date/Time/Period		
Position:	0450		
Group:	Segment Group 8 (Payment Terms Basis)	Conditional (Optional)	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	5		
Purpose:	A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
			13 Terms net due date			
			Date by which payment must be made.			
		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
			304 CCYYMMDDHHMMSSZZZ			
			See 204 plus Z=Time zone.			

Group:	**LIN Segment Group 26: Line Item**					
Position:	1090					
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 26 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

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1100	LIN	Line Item	M	1	
	1110	PIA	Additional Product Id	C	25	
	1150	QTY	Quantity	C	5	
	1250		Segment Group 27: Monetary Amount	C		99
	1550		Segment Group 34: Duty/Tax/Fee Details	C		99

Segment:	**LIN Line Item**						
Position:	1100 (Trigger Segment)						
Group:	Segment Group 26 (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. Buyer product number etc., can be specified within the following PIA segment.						

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
	1082		**LINE ITEM IDENTIFIER**	C	1	an..6	
			To identify a line item.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
			SK SKU (Stock keeping unit)				
			Reference number of a stock keeping unit.				

Segment:	PIA Additional Product Id		
Position:	1110		
Group:	Segment Group 26 (Line Item)	Conditional (Optional)	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	25		
Purpose:	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.		

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3	
			Code qualifying the product identifier.				
		1	Additional identification				
			Information which specifies and qualifies product identifications.				
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		UP	UPC (Universal product code)				
			Number assigned to a manufacturer's product by the Product Code Council.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		EN	International Article Numbering Association (EAN)				
			Number assigned to a manufacturer's product according to the International Article Numbering Association.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
		7140	**Item identifier**	C		an..35	
			To identify an item.				
		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SRV	EAN.UCC Global Trade Item Number				
			A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				

7140	**Item identifier**	C	an..35
	To identify an item.		
7143	**Item type identification code**	C	an..3
	Coded identification of an item type.		

VN   Vendor item number
Reference number assigned by a vendor/seller identifying a product/service/article.

Segment:	QTY Quantity	
Position:	1150	
Group:	Segment Group 26 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	5	
Purpose:	A segment identifying the product quantities e.g. invoiced quantity.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
			47 Invoiced quantity			
			The quantity as per invoice.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			
		6411	**Measurement unit code**	C	an..3	
			Code specifying the unit of measurement.			

Group:	**MOA Segment Group 27: Monetary Amount**
Position:	1250
Group:	Segment Group 26 (Line Item) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1260	MOA	Monetary Amount	M	1	

	Segment:	**MOA Monetary Amount**
	Position:	1260 (Trigger Segment)
	Group:	Segment Group 27 (Monetary Amount) Conditional (Optional)
	Level:	2
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

| Dependency Notes: |
| Semantic Notes: |
| Comments: |

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
			66 Goods item total			
			Net price x quantity for the line item.			
			124 Tax amount			
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.			
			125 Taxable amount			
			Amount on which a tax has to be applied.			
			146 Unit price			
			(5110) Reporting monetary amount is a "per unit" amount.			
			203 Line item amount			
			Goods item total minus allowances plus charges for line item. See also Code 66.			
			320 Fee of intermediary			
			Amount to be paid to an intermediary as a handling fee.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			
		6345	**Currency identification code**	C	an..3	
			Code specifying a monetary unit.			
		6343	**Currency type code qualifier**	C	an..3	
			Code qualifying the type of currency.			
		4405	**Status description code**	C	an..3	
			Code specifying a status.			

Group:	**TAX Segment Group 34: Duty/Tax/Fee Details**	
Position:	1550	
Group:	Segment Group 26 (Line Item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	99	
Purpose:	A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1560	TAX	Duty/Tax/Fee Details	M	1	
	1570	MOA	Monetary Amount	C	2	

Segment:	**TAX Duty/Tax/Fee Details**				
Position:	1560 (Trigger Segment)				
Group:	Segment Group 34 (Duty/Tax/Fee Details)	Conditional (Optional)			
Level:	2				
Usage:	Mandatory				
Max Use:	1				
Purpose:	A segment specifying a tax type, category and rate, or exemption, relating to the line item.				
Dependency Notes:					
Semantic Notes:					
Comments:					

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	5283		**DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER**	M	1	an..3	
			Code qualifying the function of a duty or tax or fee.				
			7 Tax				
			Contribution levied by an authority.				
	C241		**DUTY/TAX/FEE TYPE**	C	1		
			Code and/or name identifying duty, tax or fee.				
		5153	**Duty or tax or fee type name code**	C		an..3	
			Code specifying a type of duty, tax or fee.				
			ENV Environmental tax				
			Tax assessed for funding or assuring environmental protection or clean-up.				
			GST Goods and services tax				
			Tax levied on the final consumption of goods and services throughout the production and distribution chain.				
			VAT Value added tax				
			A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.				
	5286		**DUTY OR TAX OR FEE ASSESSMENT BASIS VALUE**	C	1	an..15	
			To specify the basis on which a duty or tax or fee will be assessed.				
	C243		**DUTY/TAX/FEE DETAIL**	C	1		
			Rate of duty/tax/fee applicable to commodities or of tax applicable to services.				
X		5279	**Duty or tax or fee rate code**	C		an..7	
		5278	**Duty or tax or fee rate**	C		an..17	
			Rate of a duty or tax or fee.				

Rithum

Segment:	**MOA Monetary Amount**	
Position:	1570	
Group:	Segment Group 34 (Duty/Tax/Fee Details)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	2	
Purpose:	A segment specifying the amount for the identified tax/fee.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
			124 Tax amount			
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			

Segment:	**UNS Section Control**		
Position:	2170		
Group:			
Level:	0		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	0081		**SECTION IDENTIFIER**	M 1 a1	
			A character identifying the next section in a message.		
		S	Detail/summary section separation		
			To qualify the segment UNS, when separating the detail from the summary section of a message.		

Rithum™

Segment:	**CNT Control Total**
Position:	2180
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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
		2	Number of line items in message			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			

Group:	**MOA Segment Group 50: Monetary Amount**
Position:	2190
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

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	2200	MOA	Monetary Amount	M	1	

Segment:	**MOA Monetary Amount**	
Position:	2200 (Trigger Segment)	
Group:	Segment Group 50 (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, 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.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
		64	Freight charge			
			Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).			
		79	Total line items amount			
			The sum of all the line item amounts.			
		86	Message total monetary amount			
			The total of all monetary amounts contained within the message.			
		124	Tax amount			
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.			
		125	Taxable amount			
			Amount on which a tax has to be applied.			
		259	Total charges			
		320	Fee of intermediary			
			Amount to be paid to an intermediary as a handling fee.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			

Group:	**TAX Segment Group 52: Duty/Tax/Fee Details**	
Position:	2240	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	10	
Purpose:	A group of segments specifying taxes totals for the invoice.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	2250	TAX	Duty/Tax/Fee Details	M	1	
	2260	MOA	Monetary Amount	C	9	

Segment:	**TAX Duty/Tax/Fee Details**	
Position:	2250 (Trigger Segment)	
Group:	Segment Group 52 (Duty/Tax/Fee Details)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment specifying the tax type to be summarized.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	5283		**DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER**	M	1	an..3	
			Code qualifying the function of a duty or tax or fee.				
			7　　　　　　Tax				
			Contribution levied by an authority.				
	C241		**DUTY/TAX/FEE TYPE**	C	1		
			Code and/or name identifying duty, tax or fee.				
		5153	**Duty or tax or fee type name code**	C		an..3	
			Code specifying a type of duty, tax or fee.				
			ENV　　　　　Environmental tax				
			Tax assessed for funding or assuring environmental protection or clean-up.				
			GST　　　　　Goods and services tax				
			Tax levied on the final consumption of goods and services throughout the production and distribution chain.				
			VAT　　　　　Value added tax				
			A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.				
	5286		**DUTY OR TAX OR FEE ASSESSMENT BASIS VALUE**	C	1	an..15	
			To specify the basis on which a duty or tax or fee will be assessed.				
	C243		**DUTY/TAX/FEE DETAIL**	C	1		
			Rate of duty/tax/fee applicable to commodities or of tax applicable to services.				
X		5279	**Duty or tax or fee rate code**	C		an..7	
		5278	**Duty or tax or fee rate**	C		an..17	
			Rate of a duty or tax or fee.				

Segment:	**MOA Monetary Amount**	
Position:	2260	
Group:	Segment Group 52 (Duty/Tax/Fee Details)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment specifying the summary amount for the tax specified.	

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
			79 Total line items amount			
			The sum of all the line item amounts.			
			124 Tax amount			
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			

Group:	**ALC Segment Group 53: Allowance or Charge**	
Position:	2270	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	15	
Purpose:	A group of segments specifying allowances and charges summary totals for the invoice.	

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	2280	ALC	Allowance or Charge	M	1	
	2300	MOA	Monetary Amount	C	2	

Segment:	**ALC Allowance or Charge**	
Position:	2280 (Trigger Segment)	
Group:	Segment Group 53 (Allowance or Charge)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the charge or allowance type to be summarised.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	5463		**ALLOWANCE OR CHARGE CODE QUALIFIER**	M	1	an..3	
			Code qualifying an allowance or charge.				
			C — Charge				
			Code specifying a charge.				
	C214		**SPECIAL SERVICES IDENTIFICATION**	C	1		
			Identification of a special service by a code from a specified source or by description.				
		7161	**Special service description code**	C		an..3	
			Code specifying a special service.				
			FC — Freight charge				
			Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).				
			HD — Handling				
			Charge for handling of the item.				
			ZZZ — Mutually defined				
		7160	**Special service description**	C		an..35	
			Free form description of a special service.				

Rithum

Segment:	**MOA Monetary Amount**
Position:	2300
Group:	Segment Group 53 (Allowance or Charge) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	2
Purpose:	A segment specifying the summary amount for the allowance or charge.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C516		**MONETARY AMOUNT**	M	1	
			Amount of goods or services stated as a monetary amount in a specified currency.			
M		5025	**Monetary amount type code qualifier**	M	an..3	
			Code qualifying the type of monetary amount.			
			23 Charge amount			
			The amount of money charged for the provision of a service or product.			
		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			

Segment:	**UNT Message Trailer**	
Position:	2320	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6
			Control count of number of segments in a message.			
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			

RETANN Announcement for returns message – Created returns

Introduction:

0. INTRODUCTION
This specification provides the definition of the Announcement for returns message (RETANN) to be used in Electronic Data Interchange (EDI) between trading partners involved in administration, commerce and transport.

1. SCOPE

1.1 Functional Definition
A message by which a party announces to another party details of goods for return due to specified reasons (e.g. returns for repair, returns at end of leasing period, returns because of damage).

1.2 Field of Application
The Announcement for returns message may be used for both national and international applications. It is based on universal practice related to administration, commerce and transport, and is not dependent on the type of business or industry.

1.3 Principles
This message may be used by the message sender to request credit for goods, or the replacement of goods from the message recipient.

This message should stimulate the message recipient to instruct on how the named goods should be returned, destroyed, or disposed of.

In the case where the recipient of the announcement refuses to accept the return of goods the sender would expect to receive notification of this decision and also instructions on what should happen instead of the return. This process will usually be handled using the Instruction for Return message.

The announcement for returns can be used by a party to inform another party on the requested return of:

- goods received in bad condition;
- goods received but not ordered;
- goods for repair;
- goods which have to be returned due to the end of a leasing contract;
- goods which have exceeded their expiry date without being sold;
- goods on commission;
- goods from sale on approval;
- sale or return goods;
- returnable transport or packaging containers;
- obsolete goods.

The announcement for returns may be used to return received goods for which receipt of delivery may already have been acknowledged by way of the Receiving Advice message (where this message is being used), e.g., the faulty goods are only discovered on opening a container for which a receiving advice has been issued.

The announcement for returns may also be used to specify additional information regarding the return of goods such as handling instructions or hazardous material information.

The recipient of the announcement for returns is requested to decide the final disposition of the goods for return:

- whether the goods shall be returned, repaired, destroyed, or disposed of;
- which transport means and mode should be used;
- on or by which date the return should take place;
- which party is responsible for the cost of return.

2. REFERENCES
See UNTDID, Part 4, Chapter 2.3 UN/ECE UNSM - General Introduction, Section 1.

3. TERMS AND DEFINITIONS

3.1 Standard terms and definitions
See UNTDID, Part 4, Chapter 2.3 UN/ECE UNSM - General Introduction, Section 2.

4. MESSAGE DEFINITION

4.1 Data Segment Clarification
This section should be read in conjunction with the segment table which indicates mandatory, conditional and repeating requirements.

The following guidelines and principles apply to the whole message and are intended to facilitate the understanding and implementation of the message:

All specified dates/times should be in the format 'ccyymmdd' /'hhmm' unless all parties involved in the transaction agree that there is a functional requirement for an alternative format. Periods should be specified as whole numbers representing the required period as indicated in the format qualifier (weeks, months, etc.)

Where a choice of code or text is given only the code element should be used wherever possible.

Conditional data that is not required in the message should not be included.

Care must be taken that the segment qualifier in dependent segments do not conflict with the segment qualifier of the trigger segment of a group.

Free text information within the message should be avoided as this inhibits automatic processing. It is only used when additional information that cannot be accommodated within the other segments is required.

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message header	M	1		
M	0020	BGM	Beginning of message	M	1		
	0030	DTM	Date/time/period	C	9		
	0090		Segment Group 2: RFF	C		9	
M	0100	RFF	Reference	M	1		
	0120		Segment Group 3: NAD	C		9	
M	0130	NAD	Name and address	M	1		
	0400		Segment Group 11: LIN-PIA-SG13	C		9999	
M	0410	LIN	Line item	M	1		

	0420	PIA	Additional product id	C	9	
	0530		Segment Group 13: QTY-CDI	C		9
M	0540	QTY	Quantity	M	1	
	0550	CDI	Physical or logical state	C	9	
M	0920	UNS	Section control	M	1	
	0930	CNT	Control total	C	9	
M	0980	UNT	Message trailer	M	1	

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 Announcement for returns message is RETANN.		
	Note: Announcement for returns messages conforming to this document must contain the following data in segment UNH, composite S009:		
	Data element 0065 RETANN	0052 D	0054 01B	0051 UN

Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1
Notes:	Announcement For Returns Heading Section

This segment is used to head, identify and specify a message.
DE's 0065, 0052, and 0054: Indicate that the message is a UNSM Announcement For Returns message based on the D.01B directory.
Example:
UNH+ME000001+RETANN:D:01B:UN:EAN003'

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version, etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			RETANN Announcement for returns message				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..3	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
			EAN Description:				
			UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade				

procedures (WP.4).

0057   Association assigned code   C   an..6

Code, assigned by the association responsible for the design and
maintenance of the message type concerned, which further identifies the
message.

Indicates that the message is the EANCOM version 003 of the UNSM
Announcement For Returns.

EAN003   EAN version control number (EAN Code)

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 Announcement For Returns message.	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	This segment is used to indicate the type and function of a message and to transmit the identifying number. All references other than the document number DE 1004 are to be put in the RFF segment. Example: BGM+70E+665+9'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M/U	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
M/U		1001	**Document name code**	C	an..3	
			Code specifying the document name.			
			70E Announcement for returns (EAN Code)			
			A message by which a party announces to another party details of goods for return due to specified reasons (e.g. returns for repair, returns because of damage, etc).			
M/U	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
M/U		1004	**Document identifier**	C	an..35	
			To identify a document.			
			Announcement number assigned by the document sender. It is recommended that the length of the document number be restricted to a maximum of 17 characters.			
		1225	**MESSAGE FUNCTION CODE**	C	1	an..3
			Code indicating the function of the message.			
			9 Original			
			Initial transmission related to a given transaction.			

Segment:	**DTM Date/time/period**	
Position:	0030	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment specifying the dates, and when relevant, the times related to the whole message. The segment must be specified at least once to specify the message date as allocated by the sender.	

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to specify any dates applicable to the complete announcement for returns message.
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.
Example:
DTM+137:20021201:204'

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**		M	1	
			Date and/or time, or period relevant to the specified date/time/period type.				
M		2005	**Date or time or period function code qualifier**		M	an..3	
			Code qualifying the function of a date, time or period.				
			137	Document/message date/time			
				(2006) Date/time when a document/message is issued. This may include authentication.			
			557	Returned date			
				Date return takes place.			
				EAN Description:			
				Date by which goods must be, or have been, returned.			
M/U		2380	**Date or time or period value**		C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.				
M/U		2379	**Date or time or period format code**		C	an..3	
			Code specifying the representation of a date, time or period.				
			204	CCYYMMDDHHMMSS			
				Calendar date including time with seconds:			
				C=Century;Y=Year;			
				M=Month;D=Day;H=Hour;M=Minute;S=Second.			

Rithum

Group:	**RFF Segment Group 2: Reference**
Position:	0090
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments providing references and where necessary associated dates related to the current message, e.g. despatch note number, invoice, etc.
Notes:	A group of segments providing references and where necessary associated dates related to the current message, e.g. despatch note number, invoice, etc.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	Reference	M	1	

Segment:	**RFF Reference**		
Position:	0100 (Trigger Segment)		
Group:	Segment Group 2 (Reference)	Conditional (Optional)	
Level:	1		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment for identifying a reference by its type and number.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	This segment is used to specify any references valid for the complete announcement for returns message. Example: RFF+ON:52114'		

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr		Attributes
M	**C506**		**REFERENCE**		**M**	**1**	
			Identification of a reference.				
M		**1153**	**Reference code qualifier**		**M**	**an..3**	
			Code qualifying a reference.				
			ALQ	Returns notice number			
				A reference number to a returns notice.			
				Multiple RFF+ALQ may be informed			
			ON	Order number (buyer)			
				[1022] Reference number assigned by the buyer to an order.			
			ZZZ	Mutually defined reference number			
				Number based on party agreement.			
M/U		**1154**	**Reference identifier**		**C**	**an..70**	
			Identifies a reference.				
		4000	**Reference version identifier**		**C**	**an..35**	
			To identify the version of a reference.				
			Used to provide additional information for RFF+ZZZ				

Group:	**NAD Segment Group 3: Name and address**
Position:	0120
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments identifying the parties involved in the announcement for returns message and any associated information.
Notes:	A group of segments identifying the parties involved in the announcement for returns message and any associated information.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	NAD	Name and address	M	1	

Segment:	**NAD Name and address**	
Position:	0130 (Trigger Segment)	
Group:	Segment Group 3 (Name and address)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to identify a party name and address, either by coded identification or in clear form. It is recommended that where possible only the coded form of the party identification should be specified, e.g. the Buyer and Seller are known to each other, thus only the coded identification is required. It is recommended that the party announcing the return and the party to whom the announcement is directed are identified in this segment.	

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is used to identify the parties involved in the announcement for return process. Example: NAD+MR+5412345000020' NAD+MS+4012345500004'

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr			Attributes
M	3035		**PARTY FUNCTION CODE QUALIFIER**		M	1	an..3	
			Code giving specific meaning to a party.					
			MR	Message recipient				
				A party to receive a message or messages.				
			MS	Document/message issuer/sender				
				Issuer of a document and/or sender of a message.				
			SU	Supplier				
				Party who supplies goods and/or services.				
			EAN Description: Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.					
R	C082		**PARTY IDENTIFICATION DETAILS**		C	1		
			Identification of a transaction party by code.					
M		3039	**Party identifier**		M		an..35	
			Code specifying the identity of a party.					
			For identification of parties it is recommended to use GLN - Format n13.					
		3055	**Code list responsible agency code**		C		an..3	
			Code specifying the agency responsible for a code list.					
			ZZZ	Mutually defined				
				A code assigned within a code list to be used on an interim basis and as defined among trading partners until a precise code can be assigned to the code list.				
	C058		**NAME AND ADDRESS**		C	1		
			Unstructured name and address: one to five lines.					
M		3124	**Name and address description**		M		an..35	
			Free form description of a name and address line.					

Group:	**LIN Segment Group 11: Line item**
Position:	0400
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segments providing details of the individual items which are being announced for return. There must be at least one occurrence of segment group 11 within an announcement for returns.
Notes:	A group of segments providing details of the individual items which are being announced for return. There must be at least one occurrence of segment group 11 within an announcement for returns. Announcement For Returns Detail Section

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0410	LIN	Line item	M	1	
	0420	PIA	Additional product id	C	9	
	0530		Segment Group 13: Quantity	C		9

Segment:	**LIN Line item**
Position:	0410 (Trigger Segment)
Group:	Segment Group 11 (Line item) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying a line item by the line item number and configuration level, and additionally, identifying the return product. Other product identification numbers, e.g. supplier product number etc., can be specified within the following PIA segment.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	Each LIN segment corresponds to a different product being announced for return. Example: LIN+1++4000862141404:SRV' If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M/U	1082		**LINE ITEM IDENTIFIER**	C	1	an..6	
			To identify a line item.				
			Application generated number of the item lines within the message.				
D	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SRV	EAN.UCC Global Trade Item Number A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.				
			SKU number				

Rithum

Segment:	**PIA Additional product id**	
Position:	0420	
Group:	Segment Group 11 (Line item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment to provide additional identification to the product specified in the LIN segment (e.g. Harmonized System number).	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number. Examples: PIA+5+ABC5343:UP'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3	
			Code qualifying the product identifier.				
		5	Product identification				
			The item number is for product identification.				
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		UP	UPC (Universal product code)				
			Number assigned to a manufacturer's product by the Product Code Council.				
			Note:				
			THIS CODE WAS DELETED ON 01.12.2001.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		EN	International Article Numbering Association (EAN)				
			Number assigned to a manufacturer's product according to the International Article Numbering Association.				
			Note:				
			THIS CODE WAS DELETED ON 01.12.2001.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SA	Supplier's article number				

Number assigned to an article by the supplier of that article.

Group:	**QTY Segment Group 13: Quantity**
Position:	0530
Group:	Segment Group 11 (Line item) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments specifying quantities for return and states related to the quantities being returned, e.g. never ordered, damaged.
Notes:	A group of segments specifying quantities for return and states related to the quantities being returned, e.g. never ordered, damaged.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0540	QTY	Quantity	M	1	
	0550	CDI	Physical or logical state	C	9	

Segment: **QTY Quantity**
Position: 0540 (Trigger Segment)
Group: Segment Group 13 (Quantity)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the product quantities, e.g. requested return quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to specify any relevant quantities for the current line item.
Example:
QTY+61:40'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
		61	Return quantity			
			Quantity of goods returned.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			

Segment:	**CDI Physical or logical state**	
Position:	0550	
Group:	Segment Group 13 (Quantity)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment to indicate the physical or logical state of the quantity detailed in the QTY segment for the current line item, e.g. never ordered, damaged.	

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is used to indicate conditions (actions) requested by the message sender for the current line item. Example: CDI+3E+::92:CRP' Item returned due to reason "CRP"

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	7001		**PHYSICAL OR LOGICAL STATE TYPE CODE QUALIFIER**	M	1	an..3	
			Code qualifying the type of physical or logical state.				
			3E Upon return (EAN Code)				
			At the time of return.				
M	C564		**PHYSICAL OR LOGICAL STATE INFORMATION**	M	1		
			To give information in coded or clear text form on the physical or logical state.				
X		7007	**Physical or logical state description code**	C		an..3	
D		3055	**Code list responsible agency code**	C		an..3	
			Code specifying the agency responsible for a code list.				
			92 Assigned by buyer or buyer's agent				
			Codes assigned by a buyer or buyer's agent.				
		7006	**Physical or logical state description**	C		an..70	
			Free form description of a physical or logical state.				

Segment:	**UNS Section control**
Position:	0920
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A segment placed at the start of the summary section to separate the detail and summary sections.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	Announcement For Returns Summary Section This segment is used to identify the break between the message detail and message trailer sections. Example: UNS+S'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0081		**SECTION IDENTIFIER**	M	1	a1	
			A character identifying the next section in a message.				
		S	Detail/summary section separation To qualify the segment UNS, when separating the detail from the summary section of a message.				

Segment:	**CNT Control total**	
Position:	0930	
Group:		
Level:	1	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment by which control totals may be provided by the sender for checking by the receiver.	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	This is used to provide message control information for checking on the message receivers in-house system. Example: CNT+2:120'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
			2 Number of line items in message Self-explanatory. EAN Description: The total number of LIN segments in a message.			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			

Segment:	**UNT Message trailer**
Position:	0980
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is a mandatory EN/EDIFACT segment. It must always be the last segment in the message. Example: UNT+45+ME000001'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..10	
			Control count of number of segments in a message.				
			The total number of segments in the message is detailed here.				
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
			The message reference numbered detailed here should equal the one specified in the UNH segment.				

RETANN Announcement for returns message – Complete returns

Introduction:

0. INTRODUCTION
This specification provides the definition of the Announcement for returns message (RETANN) to be used in Electronic Data Interchange (EDI) between trading partners involved in administration, commerce and transport.

1. SCOPE

1.1 Functional Definition
A message by which a party announces to another party details of goods for return due to specified reasons (e.g. returns for repair, returns at end of leasing period, returns because of damage).

1.2 Field of Application
The Announcement for returns message may be used for both national and international applications. It is based on universal practice related to administration, commerce and transport, and is not dependent on the type of business or industry.

1.3 Principles
This message may be used by the message sender to request credit for goods, or the replacement of goods from the message recipient.

This message should stimulate the message recipient to instruct on how the named goods should be returned, destroyed, or disposed of.

In the case where the recipient of the announcement refuses to accept the return of goods the sender would expect to receive notification of this decision and also instructions on what should happen instead of the return. This process will usually be handled using the Instruction for Return message.

The announcement for returns can be used by a party to inform another party on the requested return of:

-   goods received in bad condition;
-   goods received but not ordered;
-   goods for repair;
-   goods which have to be returned due to the end of a leasing contract;
-   goods which have exceeded their expiry date without being sold;
-   goods on commission;
-   goods from sale on approval;
-   sale or return goods;
-   returnable transport or packaging containers;
-   obsolete goods.

The announcement for returns may be used to return received goods for which receipt of delivery may already have been acknowledged by way of the Receiving Advice message (where this message is being used), e.g., the faulty goods are only discovered on opening a container for which a receiving advice has been issued.

The announcement for returns may also be used to specify additional information regarding the return of goods such as handling instructions or hazardous material information.

The recipient of the announcement for returns is requested to decide the final disposition of the goods for return:

- whether the goods shall be returned, repaired, destroyed, or disposed of;
- which transport means and mode should be used;
- on or by which date the return should take place;
- which party is responsible for the cost of return.

2. REFERENCES
See UNTDID, Part 4, Chapter 2.3 UN/ECE UNSM - General Introduction, Section 1.

3. TERMS AND DEFINITIONS

3.1 Standard terms and definitions
See UNTDID, Part 4, Chapter 2.3 UN/ECE UNSM - General Introduction, Section 2.

4. MESSAGE DEFINITION

4.1 Data Segment Clarification
This section should be read in conjunction with the segment table which indicates mandatory, conditional and repeating requirements.

The following guidelines and principles apply to the whole message and are intended to facilitate the understanding and implementation of the message:

All specified dates/times should be in the format 'ccyymmdd' /'hhmm' unless all parties involved in the transaction agree that there is a functional requirement for an alternative format. Periods should be specified as whole numbers representing the required period as indicated in the format qualifier (weeks, months, etc.)

Where a choice of code or text is given only the code element should be used wherever possible.

Conditional data that is not required in the message should not be included.

Care must be taken that the segment qualifier in dependent segments do not conflict with the segment qualifier of the trigger segment of a group.

Free text information within the message should be avoided as this inhibits automatic processing. It is only used when additional information that cannot be accommodated within the other segments is required.

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message header	M	1		
M	0020	BGM	Beginning of message	M	1		
	0030	DTM	Date/time/period	C	9		
	0090		Segment Group 2: RFF	C		9	
M	0100	RFF	Reference	M	1		
	0400		Segment Group 11: LIN-PIA-SG13	C		9999	
M	0410	LIN	Line item	M	1		
	0420	PIA	Additional product id	C	9		
	0530		Segment Group 13: QTY-CDI	C		9	

M	0540	QTY	Quantity	M	1	
	0550	CDI	Physical or logical state	C	9	
M	0920	UNS	Section control	M	1	
	0930	CNT	Control total	C	9	
M	0980	UNT	Message trailer	M	1	

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 Announcement for returns message is RETANN.

Note: Announcement for returns messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 RETANN   0052 D   0054 01B   0051 UN

Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1
Notes:	Announcement For Returns Heading Section This segment is used to head, identify and specify a message. DE's 0065, 0052, and 0054: Indicate that the message is a UNSM Announcement For Returns message based on the D.01B directory. Example: UNH+ME000001+RETANN:D:01B:UN:EAN003'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version, etc. of the message being interchanged.				
M		0065	**Message type identifier**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
			RETANN Announcement for returns message				
M		0052	**Message type version number**	M		an..3	
			Version number of a message type.				
			D Draft version/UN/EDIFACT Directory				
M		0054	**Message type release number**	M		an..3	
			Release number within the current message type version number (0052).				
			01B Release 2001 - B				
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..3	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
			UN UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				
			EAN Description: UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade				

procedures (WP.4).

| 0057 | **Association assigned code** | C | an..6 |

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

Indicates that the message is the EANCOM version 003 of the UNSM Announcement For Returns.

EAN003   EAN version control number (EAN Code)

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 Announcement For Returns message.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	This segment is used to indicate the type and function of a message and to transmit the identifying number.		

All references other than the document number DE 1004 are to be put in the RFF segment.
Example:
BGM+70E+665+6'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M/U	C002		**DOCUMENT/MESSAGE NAME**	C	1	
			Identification of a type of document/message by code or name. Code preferred.			
M/U		1001	**Document name code**	C	an..3	
			Code specifying the document name.			
			70E Announcement for returns (EAN Code)			
			A message by which a party announces to another party details of goods for return due to specified reasons (e.g. returns for repair, returns because of damage, etc).			
M/U	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1	
			Identification of a document/message by its number and eventually its version or revision.			
M/U		1004	**Document identifier**	C	an..35	
			To identify a document.			
			Announcement number assigned by the document sender.			
			It is recommended that the length of the document number be restricted to a maximum of 17 characters.			
		1225	**MESSAGE FUNCTION CODE**	C	1	an..3
			Code indicating the function of the message.			
			6 Confirmation			
			Message confirming the details of a previous transmission where such confirmation is required or recommended under the terms of a trading partner agreement.			

Rithum

Segment:	**DTM Date/time/period**
Position:	0030
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A segment specifying the dates, and when relevant, the times related to the whole message. The segment must be specified at least once to specify the message date as allocated by the sender.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is used to specify any dates applicable to the complete announcement for returns message. DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message. Example: DTM+137:20021201:204'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date or time or period function code qualifier**	M	an..3	
			Code qualifying the function of a date, time or period.			
		137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.			
M/U		2380	**Date or time or period value**	C	an..35	
			The value of a date, a date and time, a time or of a period in a specified representation.			
M/U		2379	**Date or time or period format code**	C	an..3	
			Code specifying the representation of a date, time or period.			
		204	CCYYMMDDHHMMSS Calendar date including time with seconds: C=Century;Y=Year; M=Month;D=Day;H=Hour;M=Minute;S=Second.			

Group:	**RFF Segment Group 2: Reference**
Position:	0090
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments providing references and where necessary associated dates related to the current message, e.g. despatch note number, invoice, etc.
Notes:	A group of segments providing references and where necessary associated dates related to the current message, e.g. despatch note number, invoice, etc.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	Reference	M	1	

Segment:	**RFF Reference**			
Position:	0100 (Trigger Segment)			
Group:	Segment Group 2 (Reference)	Conditional (Optional)		
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment for identifying a reference by its type and number.			
Dependency Notes:				
Semantic Notes:				
Comments:				
Notes:	This segment is used to specify any references valid for the complete announcement for returns message. Example: RFF+ON:52114'			

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C506		**REFERENCE** Identification of a reference.	M	1	
M		1153	**Reference code qualifier** Code qualifying a reference.	M	an..3	
			ALO Receiving advice number A reference number to a receiving advice.			
			Partner return number used by the counter-party			
			ON Order number (buyer) [1022] Reference number assigned by the buyer to an order.			
M/U		1154	**Reference identifier** Identifies a reference.	C	an..70	
		4000	**Reference version identifier** To identify the version of a reference.	C	an..35	
			Used to provide additional information for RFF+ZZZ			

Group:	**LIN Segment Group 11: Line item**
Position:	0400
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segments providing details of the individual items which are being announced for return. There must be at least one occurrence of segment group 11 within an announcement for returns.
Notes:	A group of segments providing details of the individual items which are being announced for return. There must be at least one occurrence of segment group 11 within an announcement for returns. Announcement For Returns Detail Section

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0410	LIN	Line item	M	1	
	0420	PIA	Additional product id	C	9	
	0530		Segment Group 13: Quantity	C		9

Segment:	**LIN Line item**
Position:	0410 (Trigger Segment)
Group:	Segment Group 11 (Line item) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying a line item by the line item number and configuration level, and additionally, identifying the return product. Other product identification numbers, e.g. supplier product number etc., can be specified within the following PIA segment.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	Each LIN segment corresponds to a different product being announced for return. Example: LIN+1++4000862141404:SRV' If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M/U	1082		**LINE ITEM IDENTIFIER**	C	1	an..6	
			To identify a line item.				
			Application generated number of the item lines within the message.				
D	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SRV	EAN.UCC Global Trade Item Number				
			A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.				
			SKU number				

Segment:	**PIA Additional product id**	
Position:	0420	
Group:	Segment Group 11 (Line item)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment to provide additional identification to the product specified in the LIN segment (e.g. Harmonized System number).	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number. Examples: PIA+5+ABC5343:UP'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	4347		**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3	
			Code qualifying the product identifier.				
		5	Product identification				
			The item number is for product identification.				
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		UP	UPC (Universal product code)				
			Number assigned to a manufacturer's product by the Product Code Council.				
			Note:				
			THIS CODE WAS DELETED ON 01.12.2001.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		EN	International Article Numbering Association (EAN)				
			Number assigned to a manufacturer's product according to the International Article Numbering Association.				
			Note:				
			THIS CODE WAS DELETED ON 01.12.2001.				
	C212		**ITEM NUMBER IDENTIFICATION**	C	1		
			Goods identification for a specified source.				
M/U		7140	**Item identifier**	C		an..35	
			To identify an item.				
M/U		7143	**Item type identification code**	C		an..3	
			Coded identification of an item type.				
		SA	Supplier's article number				

Number assigned to an article by the supplier of that article.

Group:	**QTY Segment Group 13: Quantity**
Position:	0530
Group:	Segment Group 11 (Line item) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments specifying quantities for return and states related to the quantities being returned, e.g. never ordered, damaged.

Segment Summary

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0540	QTY	Quantity	M	1	
	0550	CDI	Physical or logical state	C	9	

Segment:	**QTY Quantity**	
Position:	0540 (Trigger Segment)	
Group:	Segment Group 13 (Quantity)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the product quantities, e.g. requested return quantity.	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	This segment is used to specify any relevant quantities for the current line item. Example: QTY+61:40'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C186		**QUANTITY DETAILS** Quantity information in a transaction, qualified when relevant.	M	1	
M		6063	**Quantity type code qualifier** Code qualifying the type of quantity. 61 Return quantity Quantity of goods returned.	M	an..3	
M		6060	**Quantity** Alphanumeric representation of a quantity.	M	an..35	

Segment:	**CDI Physical or logical state**				
Position:	0550				
Group:	Segment Group 13 (Quantity)		Conditional (Optional)		
Level:	3				
Usage:	Conditional (Optional)				
Max Use:	9				
Purpose:	A segment to indicate the physical or logical state of the quantity detailed in the QTY segment for the current line item, e.g. never ordered, damaged.				

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is used to indicate conditions (actions) requested by the message sender for the current line item. Example: CDI+3E+17E::9' CDI+3E+::92:CRP' Item return rejected, returned due to reason "CRP" CDI+3E+12E::9' CDI+3E+::92:CRP' Item return accepted, returned due to reason "CRP"

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	7001		**PHYSICAL OR LOGICAL STATE TYPE CODE QUALIFIER**	M	1 an..3	
			Code qualifying the type of physical or logical state.			
			3E	Upon return (EAN Code)		
				At the time of return.		
M	C564		**PHYSICAL OR LOGICAL STATE INFORMATION**	M	1	
			To give information in coded or clear text form on the physical or logical state.			
		7007	**Physical or logical state description code**	C	an..3	
			Code specifying a physical or logical state.			
			12E	Return goods (EAN Code)		
				Identified goods are to be returned according to specified conditions.		
			17E	Return refused (EAN Code)		
				The return of the identified goods has been refused.		
D		3055	**Code list responsible agency code**	C	an..3	
			Code specifying the agency responsible for a code list.			
			9	EAN (International Article Numbering association)		
				EAN International, based in Belgium, is an organization of EAN Member Organizations that jointly manages the EAN.UCC System with the Uniform Code Council.		
				EAN Description:		
				EAN International.		
			92	Assigned by buyer or buyer's agent		
				Codes assigned by a buyer or buyer's agent.		
		7006	**Physical or logical state description**	C	an..70	
			Free form description of a physical or logical state.			

Segment:	**UNS Section control**	
Position:	0920	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment placed at the start of the summary section to separate the detail and summary sections.	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	Announcement For Returns Summary Section This segment is used to identify the break between the message detail and message trailer sections. Example: UNS+S'	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr	Attributes
M	0081		**SECTION IDENTIFIER** A character identifying the next section in a message.	M 1 a1	
		S	Detail/summary section separation To qualify the segment UNS, when separating the detail from the summary section of a message.		

Segment:	**CNT Control total**
Position:	0930
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A segment by which control totals may be provided by the sender for checking by the receiver.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This is used to provide message control information for checking on the message receivers in-house system. Example: CNT+2:120'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr		Attributes
M	C270		**CONTROL**	M	1	
			Control total for checking integrity of a message or part of a message.			
M		6069	**Control total type code qualifier**	M	an..3	
			Code qualifying the type of control of hash total.			
			2 Number of line items in message			
			Self-explanatory.			
			EAN Description:			
			The total number of LIN segments in a message.			
M		6066	**Control total value**	M	n..18	
			To specify the value of a control quantity.			

Segment:	**UNT Message trailer**
Position:	0980
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is a mandatory EN/EDIFACT segment. It must always be the last segment in the message. Example: UNT+45+ME000001'

Data Element Summary

User Attribute	Data Element	Component Element	Name		Req/Repeat/Repr			Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**		M	1	n..10	
			Control count of number of segments in a message.					
			The total number of segments in the message is detailed here.					
M	0062		**MESSAGE REFERENCE NUMBER**		M	1	an..14	
			Unique message reference assigned by the sender.					
			The message reference numbered detailed here should equal the one specified in the UNH segment.					

CONTRL Syntax and service report message for batch EDI

Introduction:

CONTRL is a message syntactically acknowledging or rejecting, with error indication, a received interchange, group, message, or package.
A CONTRL message shall be used to:
a) acknowledge or reject a received interchange, group, message, or package and list any syntactical errors or unsupported functionality contained therein, or
b) indicate only the receipt of an interchange.

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
D	0010	UNH	Message header	O	1		
M	0020	UCI	Interchange response	M	1		
M	0150	UNT	Message trailer	M	1		

Segment:	**UNH Message header**
Position:	0010
Group:	
Level:	0
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	A service segment starting and uniquely identifying a message. The message type code for Syntax and service report message is CONTRL.
	Note: Syntax and service report messages conforming to this document shall contain the following data in segment UNH, composite S009:
	Data element 0065 CONTRL 0052 4 0054 1 0051 UN
Dependency Notes:	
Semantic Notes:	
Comments:	
Business Rules:	Variable Name: UNH1

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				
M	S009		**MESSAGE IDENTIFIER**	M	1		
			Identification of the type, version, etc. of the message being interchanged.				
M		0065	**Message type**	M		an..6	
			Code identifying a type of message and assigned by its controlling agency.				
		CONTRL	Syntax and service report message				
			A code to identify the syntax and service report message.				
M		0052	**Message version number**	M		an..3	
			Version number of a message type.				
		D	Draft version/UN/EDIFACT Directory				
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).				
M		0054	**Message release number**	M		an..3	
			Release number within the current message type version number (0052).				
		96A	Release 1996 - A				
			Message approved and issued in the first 1996 release of the UNTDID (United Nations Trade Data Interchange Directory).				
M		0051	**Controlling agency**	M		an..3	
			Code identifying the agency controlling the specification, maintenance and publication of the message type.				
		UN	UN/CEFACT				
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).				

Segment:	**UCI Interchange response**	
Position:	0020	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the interchange being responded to (the subject interchange).It also indicates interchange receipt, acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and identifies any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the interchange level. Depending on the action code, it may also indicate the action taken on the groups, messages, and packages within that interchange.	

The subject interchange shall be identified by copying its Interchange Sender, Interchange Recipient, and Interchange Control Reference data elements into the identical data elements in this segment. An erroneous or missing UNA, UNB, UNZ, USA, USC, USD, USH, USR, UST, or USU segment may be identified. If no segment is identified, the error relates to the complete interchange.

Dependency Notes:
1 If UCI06 is present, then UCI05 must also be present.
2 If UCI07 is present, then all of UCI06 UCI05 must also be present.
3 If UCI08 is present, then all of UCI06 UCI05 UCI09 must also be present.
4 If UCI09 is present, then all of UCI08 UCI06 UCI05 must also be present.
5 One of S01102 S01103 may be present or None.

Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0020		**INTERCHANGE CONTROL REFERENCE**	M	1	an..14	
			Unique reference assigned by the sender to an interchange.				
M	S002		**INTERCHANGE SENDER**	M	1		
			Identification of the sender of the interchange.				
M		0004	**Interchange sender identification**	M		an..35	
			Name or coded representation of the sender of a data interchange.				
		0007	**Identification code qualifier**	C		an..4	
			Qualifier referring to the identification code.				
			Refer to LAZH Data Element Dictionary for acceptable code values.				
M	S003		**INTERCHANGE RECIPIENT**	M	1		
			Identification of the recipient of the interchange.				
M		0010	**Interchange recipient identification**	M		an..35	
			Name or coded representation of the recipient of a data interchange.				
		0007	**Identification code qualifier**	C		an..4	
			Qualifier referring to the identification code.				
			Refer to LAZH Data Element Dictionary for acceptable code values.				
M	0083		**ACTION,CODED**	M	1	an..3	
		8	Interchange received				
			Indication of interchange receipt.				

Segment:	**UNT Message trailer**	
Position:	0150	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A service segment ending a message, giving the total number of segments and the control reference number of the message.	
Dependency Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

User Attribute	Data Element	Component Element	Name	Req/Repeat/Repr			Attributes
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..10	
			Control count of number of segments in a message.				
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14	
			Unique message reference assigned by the sender.				