

ORDERS Purchase Order Message

UN/EDIFACT Version D.93A

ERICO International 31700 Solon Rd. Solon, OH 44139

Preface

Purpose and Scope

The purpose of this guide is to provide ERICO's trading partners with the necessary information to be able to send Purchase Orders via EDI to ERICO. The material presented here covers the ORDERS transaction set of version D.93A of the UN/EDIFACT standard. Please contact ERICO for information on other standards and versions that are supported.

American National Standards Institute Accredited Standards Committee X12 and UN/EDIFACT

ERICO uses ANSI ASC X12 standard format transaction sets for the exchange of electronic documents with its EDI trading partners in North America and UN/EDIFACT standard in Europe. ERICO is a leader in the use of EDI in the Electrical Industry and firmly supports the use of both standards in EDI trading partner relationships. The use of such standards cultivates a common language between trading partners and expedites EDI setup.

Mandatory Requirements

To implement electronic purchase orders, ERICO requires a list of all locations. This list should include the business name of each location and the complete address including the street, city, state, and zip.

ERICO will use the ID (ILN) numbers you send or will assign an internal customer code to each location on the list that you supplied. It will be necessary to exchange electronic purchase orders to send a location code in the NAD segment that ERICO will cross reference to our internal customer code. If necessary, ERICO can supply those customer codes back to the trading partner to be sent in the NAD segment.

Communications

ERICO uses a third party Value Added Network to send and receive EDI transmissions. Below is our Network information and contact.

Network: IDX2

Network ID: 340961012 Qualifier :01 Network Contact: George Warren

Network Contact Phone Number: (925) 449-0606 x3722 Network Contact email: george.warren@activant.com

Additional Notes: It is important to understand that ERICO's Freight Policy applies. For freight policy

information, go to http://www.erico.com/globalSearch.asp?keywords=freight

ERICO Terms and Conditions of sale can be found at:

http://www.erico.com/public/library/Terms/TermsOfSaleEU.pdf



Dear ERICO Customer,

Thank you for your interest in trading electronic documents with ERICO. We look forward to working with you to implement EDI.

Please take time to fill out this document and send it back to me, along with a copy of your branch listing which should include the complete address as well as the location ID numbers.

In addition, we have found that making sure our customers have correct ERICO part numbers loaded in their system, makes sense for an easier implementation and post implementation.

If you can please send a spreadsheet of all the parts that are loaded in your system, we can scrub the file and help you correct any inaccurate data.

If you have any questions about any EDI issues please feel free to contact me, or in my absence any one of the persons listed below.

Thanks.

Best regards.

Sandra Müller Jr. EDI Analyst ERICO Europe B.V. 0031-13583-5134 smuller@erico.com Adam Goch
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ERICO International
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ERICO International
001- (440) 528-3718
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EDI Trading Partner Profile

Trading Partner address

Company name	
Street	
Zip-code	
City	
Phone	
Number of branches	
Buying-group	

ERICO EDI-Trading Partner

Contact person for EDI	Sandra Müller (NL)	
	Adam Goch (USA)	
Phone	0031-13583-5134	
	001-440-528-3751 (USA)	
Fax	0800-1890274	
Email	smuller@erico.com	
	agoch@erico.com	
System	AS400/Trusted	
	Link/Premenos/BizManager	
Converter	EDI400	
Provider (VAN)	IDX	

ED	IFA	CT
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EDI Version

D93 <i>A</i>	D96 <i>A</i>	☐ D96B	Others:

Transaction Se	ets	
☐ INVOIC ☐ ORDERS	ORDRSP DESADV	,
Others:		
ERICO ×400 - Address	ERICO	EDI-Trading Partner
С	US	
ADMD	STERLING	
Privat Domain	GTS .	
Surname	SERVICE	
Given name		
Organisation (O)		
Allg. Name (CN)		
Qualifier	ZZZ	
UNB Recipient ID	ERICOEDIFACT	
Others:		·•

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ORDERS PURCHASE ORDER MESSAGE

Message Status=2

Purpose: .A message specifying details for goods or services ordered underconditions agreed between the seller and the buyer.

Not	Defined:

<u>Pos</u>	<u>Tag</u> UNB	<u>Segment Name</u> INTERCHANGE HEADER	<u>Status</u> M	<u>Rep</u> 1	<u>Notes</u>	<u>Usage</u> Must use			
Heading	Heading:								
Pos	Tag	Segment Name	<u>Status</u>	Rep	<u>Notes</u>	<u>Usage</u>			
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use			
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use			
0030	DTM	DATE/TIME/PERIOD	M	35	N1/0030	Must use			
0070	FTX	FREE TEXT	С	5	N1/0070	Used			
0080	_	Segment Group 1	<u>C</u>	<u>10</u>	N1/0080	<u>Used</u>			
0090	RFF	REFERENCE	M	1	N1/0090	Must use			
0100	DTM	DATE/TIME/PERIOD	С	5	N1/0100	Used			
<u>0110</u>	_	Segment Group 2	<u>C</u>	<u>20</u>	N1/0110	Used			
0120	NAD	NAME AND ADDRESS	M	1	N1/0120	Must use			
<u>0150</u>	_	Segment Group 3	<u>C</u>	<u>10</u>	N1/0150	Used			
0160	RFF	REFERENCE	M	1	N1/0160	Must use			
0170	DTM	DATE/TIME/PERIOD	С	5	N1/0170	Used			
0180		Segment Group 4	<u>C</u>	<u>5</u>	N1/0180	Used			
0190	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N1/0190	Must use			
0200	DTM	DATE/TIME/PERIOD	С	5	N1/0200	Used			
0010		Commont Common 5	^	-	N4 /004 C	Head			
<u>0210</u>	OT A	Segment Group 5	<u>C</u>	<u>5</u>	N1/0210	<u>Used</u>			
0220	CTA	CONTACT INFORMATION	M	1	N1/0220	Must use			
0230	COM	COMMUNICATION CONTACT	С	5	N1/0230	Used			

Detail:

Pos	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
<u>0930</u>		Segment Group 25	<u>C</u>	200000	N2/0930	<u>Used</u>
0940	LIN	LINE ITEM	M	1	N2/0940	Must use
0950	PIA	ADDITIONAL PRODUCT ID	С	25	N2/0950	Used
0960	IMD	ITEM DESCRIPTION	С	10	N2/0960	Used
0980	QTY	QUANTITY	С	10	N2/0980	Used
1010	DTM	DATE/TIME/PERIOD	С	35	N2/1010	Used
1060	DOC	DOCUMENT/MESSAGE DETAILS	С	1	N2/1060	Used
<u>1140</u>		Segment Group 27	<u>C</u>	<u>25</u>	N2/1140	<u>Used</u>
1150	PRI	PRICE DETAILS	M	1	N2/1150	Must use
1170	API	ADDITIONAL PRICE INFORMATION	С	1	N2/1170	Used
4050	·	2		400	NO/4050	
<u> 1950</u>	_	Segment Group 50	<u>C</u>	<u>100</u>	N2/1950	<u>Used</u>
1970	RFF	REFERENCE	С	5	N2/1970	Used
1990	FTX	FREE TEXT	С	5	N2/1990	Used

Summary:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
2000	UNS	SECTION CONTROL	M	1	N3/2000	Must use

<u>Pos</u>	Tag	Segment Name	<u>Status</u>	Rep	Notes	<u>Usage</u>
Not Defi	ined:					
2020	CNT	CONTROL TOTAL	С	10	N3/2020	Used

<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
UNE	FUNCTIONAL GROUP TRAILER	С	1		Used
UNZ	INTERCHANGE TRAILER	M	1		Must use

Clarification:

- 1/0010 A service segment starting and uniquely identifying a message. The message type code for the UN Order Message is 'ORDERS'. Note: Order messages conforming to this document must contain the following data in UNH, composite S009:Data element 0065 ORDERS 0052 D 0054 93A 0051 UN
- 1/0020 A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function.
- 1/0030 A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the 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.
- 1/0070 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
- 1/0080 A group of segments for giving references and where necessary, theirdates, relating to the whole message e.g. contract number, import/export license number, reservation number.
- 1/0090 A segment identifying the reference by its number and whereappropriate a line number within a document.
- 1/0100 A segment specifying the date/time related to the reference.
- 1/0110 A group of segments identifying the parties with associated information.
- 1/0120 A segment identifying names and addresses of the parties, in codedor clear form, and their functions relevant to the order.Identification of the seller and buyer parties is mandatory for theorder message. It is recommended that where possible only the codedform of the party ID should be specified e.g. The Buyer and Sellerare known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.
- 1/0150 A group of segments giving references only relevant to the specifiedparty rather than the whole order.
- 1/0160 A segment identifying the reference by its number and whereappropriate a line number within a document.
- 1/0170 A segment specifying the date and/or time related to thereference.
- 1/0180 A group of segments identifying the documentary requirements of thespecified party.
- 1/0190 A segment identifying and providing information relating to the documents required by the party specified by the NAD segment. For example, the party may require a Certificate of Analysis.
- 1/0200 A segment specifying the date and/or time of the document.
- 1/0210 A group of segments giving contact details of the specific person ordepartment within the party identified in the NAD segment.
- 1/0220 A segment to identify a person or department, and their function,to whom communications should be directed.
- 1/0230 A segment to identify a communications type and number for the contact specified in the CTA segment.
- 2/0930 SG50A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.
- 2/0940 A segment identifying the line item by the line number and configuration level, and additionally, identifying the product orservice ordered. Other product identification numbers e.g. Buyerproduct number, etc. can be specified within the following PIAsegment.
- 2/0950 A segment providing either additional identification to the productspecified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.
- 2/0960 A segment for describing the product or service being ordered aswell as product characteristic. This segment should be used forproducts or services that cannot be fully identified by a productcode or article number.
- 2/0980 A segment identifying the product quantities e.g. ordered quantity.
- 2/1010 A segment specifying date/time/period details relating to the lineitem only.
- 2/1060 A segment to indicate that a certificate/declaration of origin isrequired for the ordered article.
- 2/1140 A group of segments identifying the relevant pricing information forthe goods or services ordered.

- 2/1150 A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'price'.
- 2/1170 A segment to identify pricing information such as a pricemultiplier, the class or type of trade and additionally identifying the reason for any changes.
- 2/1950 A group of segments identifying any rules, laws or regulations withwhich the supplier must comply to meet requirements e.g. buildingregulations, safety requirements, etc.
- 2/1970 A segment identifying the referenced document by its number andwhere appropriate, a line number.
- 2/1990 A segment with free text information, in coded or clear form, usedwhen additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such textwill normally require the receiver to process this segmentmanually.
- 3/2000 A service segment placed at the start of the summary section to avoid segment collision.
- 3/2020 A segment by which control totals may be provided by the sender for checking by the receiver.

INTERCHANGE HEADER UNB

Pos: Max: 1 Mandatory Group: N/A Elements: 6

User Option (Usage): Must use **Purpose:** To start, identify and specify an interchange.

Ref Tag UNB010 S001	Element Name SYNTAX IDENTIFIER	<u>Status</u> M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
	Description: Identification of the agency level.	y controlli	ng the syi	ntax and indica	ation of syntax
UNB010-010 0001	Syntax identifier	М	а	4/4	Must use
	Description: Coded identification of the in an interchange. All valid standard codes are used.	agency o	ontrolling	a syntax and	syntax level used
UNB010-020 0002	Syntax version number	М	n	1/1	Must use
	Description: Version number of the syn All valid standard codes are used.	ıtax identi	fied in the	e syntax identif	fier (0001).
UNB020 S002	INTERCHANGE SENDER	М	Comp		Must use
	Description: Identification of the sender	r of the int	erchange) .	
UNB020-010 0004	Sender identification	M	an	1/35	Must use
	Description: Name or coded representa	ation of th	e sender	of a data inter	change.
UNB020-020 0007	Partner identification code qualifier	С	an	1/4	Used
	Description: Qualifier referring to the so partners. All valid standard codes are used.	ource of c	odes for t	he identifiers	of interchanging
UNB020-030 0008	Address for reverse routing	С	an	1/14	Used
	Description: Address specified by the strecipient in the response interchanges to				cluded by the
UNB030 S003	INTERCHANGE RECIPIENT	М	Comp		Must use
	Description: Identification of the recipie	nt of the i	nterchanç	ge.	
UNB030-010 0010	Recipient identification	М	an	1/35	Must use
	Description: Name or coded representa	ation of th	e recipier	nt of a data int	terchange.
	Erico receive ids are:				
	ERICOEDIFACT 8711893000009				
UNB030-020 0007	Partner identification code qualifier	С	an	1/4	Used
	Description: Qualifier referring to the so partners.	ource of c	odes for t	he identifiers o	of interchanging
	Qualifier will be based off of which receive	ver ID is ι	ısed		
	CodeName14GS1ZZZMutually defined				
UNB040 S004	DATE/TIME OF PREPARATION	М	Comp		Must use

		Description: Date/time of preparation of the	e inter	change.		
UNB040-010	0017	Date of preparation	M	n	6/6	Must use
		Description: Local date when an interchan	ige or a	a functiona	ıl group was p	repared.
UNB040-020	0019	Time of preparation	M	n	4/4	Must use
		Description: Local time of day when an int	erchar	nge or a fu	nctional group	was prepared.
UNB050	0020	Interchange control reference	M	an	1/14	Must use
		Description: Unique reference assigned by	y the s	ender to a	n interchange.	
UNB060	S005	RECIPIENTS REFERENCE PASSWORD	С	Comp		Used
		Description: Reference or password as ag	reed b	etween th	e communicat	ing partners.

UNH MESSAGE HEADER

Pos: 0010 Max: 1 Mandatory Group: N/A Elements: 2

User Option (Usage): Must use

Purpose: To head, identify and specify a Message.

<u>Ref</u>	<u>Tag</u>	Element Na	<u>me</u>	<u>Status</u>	Type	Min/Max	<u>Usage</u>	
UNH010	0062	Message re	ference number	M	an	1/14	Must use	
		Description	: Unique message reference	assigned	by the s	ender.		
UNH020	S009	MESSAGE I	DENTIFIER	М	Comp		Must use	
UNH020-010	0065	Message ty	oe identifier	М	an	1/6	Must use	
		Description: Code identifying a type of message and assigned by its controlling agency.						
		<u>Code</u> ORDERS	Name Purchase order message					
UNH020-020	0052	Message ty	oe versiion number	М	an	1/3	Must use	
		Description	: Version number of a messa	ige type.				
		Version - D						
UNH020-030	0054	Message type	oe release number	M	an	1/3	Must use	
		Description	: Release number within the	current n	nessage t	ype version n	umber (0052).	
		Version - 93	4					
UNH020-040	0051	Controlling	agency	М	an	1/2	Must use	
		•	: Code identifying the agency f the message type.	/ controlli	ng the sp	ecification, m	aintenance and	
		<u>Code</u> UN	Name UN/ECE/TRADE/WP.4, Uni	ted Natio	ns Stand	ard Messages	(UNSM)	

BGM BEGINNING OF MESSAGE

Pos: 0020 Max: 1 Mandatory Group: N/A Elements: 2

User Option (Usage): Must use

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

<u>Ref</u>	<u>Tag</u>	Element Na	<u>ame</u>	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>
BGM010	C002	DOCUMEN	T/MESSAGE NAME	С	Comp		Used
		Description preferred.	1: Identification of a type of d	locument/	message	by code or n	ame. Code
BGM010-010	1001	Document/	message name, coded	С	an	1/3	Used
		Description	n: Document/message identi	fier expre	ssed in c	ode.	
		<u>Code</u> 220	<u>Name</u> Order				
BGM020	1004	Document/	message number	С	an	1/35	Used
		Description	n: Reference number assigne	ed to the o	documen	t/message by	the issuer.

DTM DATE/TIME/PERIOD

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

User Option (Usage): Must use

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

Element Summary:

RefTagElement NameStatusTypeMin/MaxUsageDTM010C507DATE/TIME/PERIODMCompMust use

Description: Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010 2005 **Date/time/period qualifier** M an 1/3 Must use

Description: Code giving specific meaning to a date, time or period.

Code Name

Delivery date/time, requestedDocument/message date/time

DTM010-020 2380 **Date/time/period** C an 1/35 Used

Description: The value of a date, a date and time, a time or of a period in a specified

representation.

DTM010-030 2379 Date/time/period format qualifier C an 1/3 Used

Description: Specification of the representation of a date, a date and time or of a period.

Code Name

102 CCYYMMDD

FREE TEXT

Pos: 0070 Max: 5 Conditional Group: N/A Elements: 3

User Option (Usage): Used **Purpose:** To provide free form or coded text information.

<u>Ref</u> FTX010	<u>Tag</u> 4451	Element Na Text subject		Status M	Type an	Min/Max 1/3	<u>Usage</u> Must use
		-	n: Code specifying subject of	f a free te	ĸt.		
		Code PUR ZZZ	Name Purchasing information Mutually defined				
FTX020	4453	Text function	on, coded	С	an	1/3	Used
			n: Code specifying how to ha andard codes are used.	andle the t	ext.		
FTX040	C108	TEXT LITE	RAL	С	Comp		Used
		Description	: Free text; one to five lines.				
FTX040-010	4440	Free text		M	an	1/70	Must use
		Description	: Free text field available to	the mess	age send	ler for informa	ition.
FTX040-020	4440	Free text		С	an	1/70	Used
		Description	: Free text field available to	the mess	age send	ler for informa	ition.
FTX040-030	4440	Free text		С	an	1/70	Used
		Description	: Free text field available to	the mess	age send	ler for informa	ition.
FTX040-040	4440	Free text		С	an	1/70	Used
		Description	: Free text field available to	the mess	age send	ler for informa	ition.
FTX040-050	4440	Free text		С	an	1/70	Used
		Description	1: Free text field available to	the mess	age send	ler for informa	ition.

Pos: 0080 Repeat: 10 Conditional

Group: 1 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	RFF	REFERENCE	M	1	Must use
0100	DTM	DATE/TIME/PERIOD	C	5	Used

RFF REFERENCE

Pos: 0090 Max: 1 Mandatory

Group: 1 Elements: 1

User Option (Usage): Must use **Purpose:** To specify a reference.

Ref RFF010	<u>Tag</u> C506	Element Name REFERENCE	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
		Description: Identification of a reference	Э.			
RFF010-010	1153	Reference qualifier	М	an	1/3	Must use
		Description: Code giving specific mean number. All valid standard codes are used.	ing to a re	eference	segment or a	reference
RFF010-020	1154	Reference number	С	an	1/35	Used
		Description: Identification number the nan entry in data element 1153 Reference			of which can	be qualified by

DTM DATE/TIME/PERIOD

Pos: 0100 Max: 5 Conditional Group: 1 Elements: 1

User Option (Usage): Used

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

Ref Tag DTM010 C507	Element Name DATE/TIME/PERIOD	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
	Description: Date and/or time, or period	d relevant	to the sp	ecified date/ti	me/period type.
DTM010-010 2005	Date/time/period qualifier	М	an	1/3	Must use
	Description: Code giving specific mean All valid standard codes are used.	ing to a d	ate, time	or period.	
DTM010-020 2380	Date/time/period	С	an	1/35	Used
	Description: The value of a date, a date representation.	e and time	e, a time o	or of a period i	in a specified
DTM010-030 2379	Date/time/period format qualifier	С	an	1/3	Used
	Description: Specification of the repres All valid standard codes are used.	entation o	f a date,	a date and tin	ne or of a period.

Pos: 0110 Repeat: 20 Conditional

Group: 2 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	Tag	Segment Name	<u>Status</u>	Rep	<u>Usage</u>
0120	NAD	NAME AND ADDRESS	M	1	Must use
0150		Segment Group 3	С	10	Used
0180		Segment Group 4	С	5	Used
0210		Seament Group 5	С	5	Used

NAD NAME AND ADDRESS

Pos: 0120 Max: 1 Mandatory

Group: 2 Elements: 8

User Option (Usage): Must use

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

Ref NAD010	<u>Tag</u> 3035	Element Name Party qualifier	Status M	<u>Type</u> an	Min/Max 1/3	<u>Usage</u> Must use
		Description: Code giving specific mean	ing to a p	arty.		
		CodeNameBYBuyerDPDelivery partyIVInvoiceeSUSupplier				
NAD020	C082	PARTY IDENTIFICATION DETAILS	С	Comp		Used
		Description: Identification of a transacti	on party l	oy code.		
NAD020-010	3039	Party id identification	М	an	1/17	Must use
		Description: Code identifying a party in	volved in	a transac	tion.	
NAD020-020	1131	Code list qualifier	С	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used.	•			
NAD020-030	3055	Code list responsible agency, coded	С	an	1/3	Used
		Description: Code identifying the agend All valid standard codes are used.	cy respon	sible for a	a code list.	
NAD040	C080	PARTY NAME	С	Comp		Used
		Description: Identification of a transacti may be formatted.	on party l	oy name,	one to five lir	nes. Party name
NAD040-010	3036	Party name	М	an	1/35	Must use
		Description: Name of a party involved i	n a transa	action.		
NAD040-020	3036	Party name	С	an	1/35	Used
		Description: Name of a party involved i	n a transa	action.		
NAD040-030	3036	Party name	С	an	1/35	Used
		Description: Name of a party involved i	n a transa	action.		
NAD050	C059	STREET	С	Comp		Used
		Description: Street address and/or PO lines.	Box numl	ber in a s	tructured add	ress: one to three
NAD050-010	3042	Street and number/p.o. box	М	an	1/35	Must use
		Description: Street and number in plain	languag	e, or Post	Office Box No	0.
NAD050-020	3042	Street and number/p.o. box	С	an	1/35	Used
		Description: Street and number in plain	languag	e, or Post	Office Box No	0.
NAD060	3164	City name	С	an	1/35	Used
		Description: Name of a city (a town, a v	/illage) fo	r address	ing purposes.	

NAD070	3229	Country sub-entity identification	С	an	1/9	Used
		Description: Identification of the name of appropriate governmental agencies.	of sub-en	tities (state	e, province)	defined by
NAD080	3251	Postcode identification	С	an	1/9	Used
		Description: Code defining postal zone	s or addr	esses.		
NAD090	3207	Country, coded	С	an	1/3	Used
		Description: Identification of the name of specified in ISO 3166.	of a coun	try or othe	r geographic	al entity as

Pos: 0150 Repeat: 10 Conditional

Group: 3 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	Tag	Segment Name	<u>Status</u>	Rep	<u>Usage</u>
0160	RFF	REFERENCE	M	1	Must use
0170	DTM	DATE/TIME/PERIOD	C	5	Used

RFF REFERENCE

Pos: 0160 Max: 1 Mandatory

Group: 3 Elements: 1

User Option (Usage): Must use **Purpose:** To specify a reference.

<u>Ref</u>	<u>Tag</u>	Element Name	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
		Description: Identification of a reference				
RFF010-010	1153	Reference qualifier	М	an	1/3	Must use
		Description: Code giving specific meaning number. All valid standard codes are used.	ng to a re	eference	segment or a	reference
RFF010-020	1154	Reference number	С	an	1/35	Used
		Description: Identification number the na an entry in data element 1153 Reference			of which can	be qualified by
RFF010-030	1156	Line number	С	an	1/6	Used
		Description: Number of the line in the donumber.	cument/	message	referenced in	n1154 Reference
RFF010-040	4000	Reference version number	С	an	1/35	Used
		Description: To uniquely identify a refere	ence by it	ts revisio	n number.	

DTM DATE/TIME/PERIOD

Pos: 0170 Max: 5 Conditional Group: 3 Elements: 1

User Option (Usage): Used

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

Ref Tag DTM010 C507	Element Name DATE/TIME/PERIOD	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
	Description: Date and/or time, or period	d relevant	to the sp	ecified date/ti	me/period type.
DTM010-010 2005	Date/time/period qualifier	М	an	1/3	Must use
	Description: Code giving specific meaning to a date, time or period. All valid standard codes are used.				
DTM010-020 2380	Date/time/period	С	an	1/35	Used
	Description: The value of a date, a date representation.	e and time	e, a time o	or of a period i	in a specified
DTM010-030 2379	Date/time/period format qualifier	С	an	1/3	Used
	Description: Specification of the repres All valid standard codes are used.	entation o	f a date,	a date and tin	ne or of a period.

Pos: 0180 Repeat: 5 Conditional

Group: 4 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0190	DOC	DOCUMENT/MESSAGE DETAILS	M	1	Must use
0200	DTM	DATE/TIME/PERIOD	С	5	Used

DOC DOCUMENT/MESSAGE DETAILS

Pos: 0190 Max: 1 Mandatory Group: 4 Elements: 5

User Option (Usage): Must use

Purpose: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

Ref DOC010	<u>Tag</u> C002	Element Name DOCUMENT/MESSAGE NAME	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
		Description: Identification of a type of d preferred.	locument/	message	by code or n	ame. Code
DOC010-010	1001	Document/message name, coded	С	an	1/3	Used
		Description: Document/message identi All valid standard codes are used.	fier expre	ssed in c	ode.	
DOC010-020	1131	Code list qualifier	С	an	1/3	Used
		Description: Identification of a code list All valid standard codes are used.	•			
DOC010-030	3055	Code list responsible agency, coded	С	an	1/3	Used
		Description: Code identifying the agend All valid standard codes are used.	cy respon	sible for a	a code list.	
DOC010-040	1000	Document/message name	С	an	1/35	Used
		Description: Plain language identifier s	pecifying	the functi	on of a docun	nent/message.
DOC020	C503	DOCUMENT/MESSAGE DETAILS	С	Comp		Used
		Description: Identification of document/language.	/message	by numb	er, status, so	urce and/or
DOC020-010	1004	Document/message number	С	an	1/35	Used
		Description: Reference number assigned	ed to the	documen	t/message by	the issuer.
DOC020-020	1373	Document/message status, coded	С	an	1/3	Used
		Description: To identify the status of a All valid standard codes are used.	document	/messag	e.	
DOC020-030	1366	Document/message source	С	an	1/35	Used
		Description: Indication of the source from been obtained.	m which	the printe	ed information	is to be or has
DOC020-040	3453	Language, coded	С	an	1/3	Used
		Description: Code of language (ISO 63	9-1988).			
DOC030	3153	Communication channel identifier, coded	С	an	1/3	Used
		Description: Code identifying the type of All valid standard codes are used.	of commu	nication o	channel being	used.
DOC040	1220	Number of copies of document required	С	n	1/2	Used
		Description: Number of originals or copbeing required.	oies of a d	ocument	stipulated or	referred to as

DOC050 1218 Number of originals of document C n 1/2 Used required

Description: Specification of the number of originals of a stipulated document that are required.

DTM DATE/TIME/PERIOD

Pos: 0200 Max: 5 Conditional Group: 4 Elements: 1

User Option (Usage): Used

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

Ref Tag DTM010 C507	Element Name DATE/TIME/PERIOD	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
	Description: Date and/or time, or period	d relevant	to the sp	ecified date/ti	me/period type.
DTM010-010 2005	Date/time/period qualifier	М	an	1/3	Must use
	Description: Code giving specific meaning to a date, time or period. All valid standard codes are used.				
DTM010-020 2380	Date/time/period	С	an	1/35	Used
	Description: The value of a date, a date representation.	e and time	e, a time o	or of a period i	in a specified
DTM010-030 2379	Date/time/period format qualifier	С	an	1/3	Used
	Description: Specification of the repres All valid standard codes are used.	entation o	f a date,	a date and tin	ne or of a period.

Pos: 0210 Repeat: 5 Conditional

Group: 5 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0220	CTA	CONTACT INFORMATION	M	1	Must use
0230	COM	COMMUNICATION CONTACT	С	5	Used

CTA CONTACT INFORMATION

Pos: 0220 Max: 1 Mandatory Group: 5 Elements: 2

User Option (Usage): Must use

Purpose: To identify a person or a department to whom communication should be directed.

<u>Ref</u>	<u>Tag</u>	Element Name	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>
CTA010	3139	Contact function, coded	С	an	1/3	Used
		Description: Code specifying the function All valid standard codes are used.	n of a co	ntact (e.g	. department	or person).
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	С	Comp		Used
		Description: Code and/or name of a dep	artment	or employ	ee. Code pre	ferred.
CTA020-010	3413	Department or employee identification	С	an	1/17	Used
		Description: Internal identification code.				
CTA020-020	3412	Department or employee	С	an	1/35	Used
		Description: The department or person	within an	organizat	tional entity.	

COM COMMUNICATION CONTACT

Pos: 0230 Max: 5 Conditional

CONTACT Group: 5 Elements: 1

User Option (Usage): Used

Purpose: To identify a communication number of a department or as person to whom communication should be directed.

Ref	<u>Tag</u>	Element Name	<u>Status</u>	Type	Min/Max	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use
		Description: Communication number of channel.	a departr	ment or e	mployee in a	specified
COM010-010	3148	Communication number	M	an	1/25	Must use
		Description: Complete communication rapplicable. Also see: 3153 Communication		•	•	code when
COM010-020	3155	Communication channel qualifier	М	an	1/3	Must use
		Description: Code identifying the type of All valid standard codes are used.	f commur	nication c	hannel being	used.

Pos: 0930 Repeat: 200000

Conditional

Group: 25 Elements: N/A

User Option (Usage): Used

Purpose:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	Rep	<u>Usage</u>
0940	LIN	LINE ITEM	M	1	Must use
0950	PIA	ADDITIONAL PRODUCT ID	С	25	Used
0960	IMD	ITEM DESCRIPTION	С	10	Used
0980	QTY	QUANTITY	С	10	Used
1010	DTM	DATE/TIME/PERIOD	С	35	Used
1060	DOC	DOCUMENT/MESSAGE DETAILS	С	1	Used
1140		Segment Group 27	С	25	Used
1950		Segment Group 50	С	100	Used

LINE ITEM LIN

Pos: 0940 Max: 1 Mandatory

Group: 25 Elements: 2

User Option (Usage): Must use **Purpose:** To identify a line item and configuration.

MF

Element Summary:

<u>Ref</u> LIN010	<u>Taq</u> 1082	Element Na Line item ni		Status C	Type n	Min/Max 1/6	<u>Usage</u> Used
	.002		: Serial number designating				
LIN030	C212	ITEM NUMB	ER IDENTIFICATION	С	Comp		Used
		Description	: Goods identification for a s	pecified s	ource.		
LIN030-010	7140	Item numbe	r	С	an	1/35	Used
		Description	: A number allocated to a gr	oup or ite	m.		
LIN030-020	7143	Item numbe	r type, coded	С	an	1/3	Used
		Description: Identification of the type of item number.					
		<u>Code</u> EN	Name International Article Number	ering Asso	ciation (E	EAN)	

Manufacturer's (producer's) article number

PIA ADDITIONAL PRODUCT ID

Pos: 0950 Max: 25 Conditional Group: 25 Elements: 2

User Option (Usage): Used

Purpose: To specify additional or substitutional item identification codes.

<u>Ref</u> PIA010	<u>Taq</u> 4347	Element Na Product id	<u>ame</u> function qualifier	Status M	Type an	Min/Max 1/3	<u>Usage</u> Must use
		Description	n: Indication of the function of	of the prod	uct code		
		<u>Code</u> 1 5	Name Additional identification Product identification				
PIA020	C212	ITEM NUM	BER IDENTIFICATION	М	Comp		Must use
		Description	n: Goods identification for a				
PIA020-010	7140	Item numb	er	С	an	1/35	Used
		Description	n: A number allocated to a g	roup or ite	m.		
PIA020-020	7143	Item numb	er type, coded	С	an	1/3	Used
		Description	n: Identification of the type o	f item num	ber.		
		<u>Code</u> BP EN SA	Name Buyer's part number International Article Numb Supplier's article number	ering Asso	ociation (EAN)	

IMD ITEM DESCRIPTION

Pos: 0960 Max: 10 Conditional Group: 25 Elements: 4

User Option (Usage): Used

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

<u>Ref</u> IMD010	<u>Tag</u> 7077		Element Name Item description type, coded		Type an	Min/Max 1/3	<u>Usage</u> Used
		Description:	Code indicating the format	of a desc	ription.		
			<u>Name</u> Free-form				
IMD020	7081	Item characte	eristic, coded	С	an	1/3	Used
			Code specifying the item codard codes are used.	haracteris	tic being	described.	
IMD030	C273	ITEM DESCR	RIPTION	С	Comp		Used
		Description:	Code of a standard article	descriptio	n from a	specified source	
IMD030-040	7008	Item descript	tion	С	an	1/35	Used
		Description:	Plain language description	of articles	s or prod	ucts.	
IMD030-050	7008	Item descript	tion	С	an	1/35	Used
		Description:	Plain language description	of articles	s or prod	ucts.	
IMD040	7383	Surface/layer	r indicator, coded	С	an	1/3	Used
		•	Code indicating the surface dard codes are used.	e or layer	of a prod	luct that is being	described.

QTY QUANTITY

Pos: 0980 Max: 10 Conditional Group: 25 Elements: 1

User Option (Usage): Used

Purpose: To specify a pertinent quantity.

Ref QTY010	<u>Tag</u> C186	Element Na QUANTITY		Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use	
		Description	: Quantity information in a tr	ansaction	, qualifie	d when relevan	t.	
QTY010-010	6063	Quantity qu	alifier	М	an	1/3	Must use	
		Description	Description: Code giving specific meaning to a quantity.					
		<u>Code</u> 21	<u>Name</u> Ordered quantity					
QTY010-020	6060	Quantity		М	n	1/15	Must use	
		Description	: Numeric value of a quantity	y.				
QTY010-030	6411	Measure un	it qualifier	С	an	1/3	Used	
		Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						

DTM DATE/TIME/PERIOD

Pos: 1010 Max: 35 Conditional Group: 25 Elements: 1

User Option (Usage): Used

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

Element Summary:

RefTagElement NameStatusTypeMin/MaxUsageDTM010C507DATE/TIME/PERIODMCompMust use

Description: Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010 2005 Date/time/period qualifier M an 1/3 Must use

Description: Code giving specific meaning to a date, time or period.

Code Name

Delivery date/time, requestedDocument/message date/time

DTM010-020 2380 Date/time/period C an 1/35 Used

Description: The value of a date, a date and time, a time or of a period in a specified

representation.

DTM010-030 2379 Date/time/period format qualifier C an 1/3 Used

Description: Specification of the representation of a date, a date and time or of a period.

Code Name

102 CCYYMMDD

DOC DOCUMENT/MESSAGE DETAILS

Pos: 1060 Max: 1 Conditional Group: 25 Elements: 5

User Option (Usage): Used

Purpose: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

Ref DOC010	<u>Tag</u> C002	Element Name DOCUMENT/MESSAGE NAME	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
		Description: Identification of a type of depreferred.	ocument/	message	by code or na	me. Code
DOC010-010	1001	Document/message name, coded	С	an	1/3	Used
		Description: Document/message identif All valid standard codes are used.	ier expre	ssed in c	ode.	
DOC010-020	1131	Code list qualifier	С	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used.				
DOC010-030	3055	Code list responsible agency, coded	С	an	1/3	Used
		Description: Code identifying the agenc All valid standard codes are used.	y respons	sible for a	a code list.	
DOC010-040	1000	Document/message name	С	an	1/35	Used
		Description: Plain language identifier sp	ecifying t	he functi	on of a docum	ent/message.
DOC020	C503	DOCUMENT/MESSAGE DETAILS	С	Comp		Used
		Description: Identification of document/language.	message	by numb	er, status, sou	rce and/or
DOC020-010	1004	Document/message number	С	an	1/35	Used
		Description: Reference number assigned	ed to the o	documen	t/message by t	he issuer.
DOC020-020	1373	Document/message status, coded	С	an	1/3	Used
		Description: To identify the status of a call valid standard codes are used.	document	/message	э.	
DOC020-030	1366	Document/message source	С	an	1/35	Used
		Description: Indication of the source fro been obtained.	m which	the printe	ed information	is to be or has
DOC020-040	3453	Language, coded	С	an	1/3	Used
		Description: Code of language (ISO 639	9-1988).			
DOC030	3153	Communication channel identifier, coded	С	an	1/3	Used
		Description: Code identifying the type o All valid standard codes are used.	f commu	nication c	hannel being ı	used.
DOC040	1220	Number of copies of document required	С	n	1/2	Used
		Description: Number of originals or copie being required.	ies of a d	ocument	stipulated or re	eferred to as

DOC050 1218 Number of originals of document C n 1/2 Used required

Description: Specification of the number of originals of a stipulated document that are required.

Segment Group 27

Pos: 1140 Repeat: 25 Conditional

Group: 27 Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1150	PRI	PRICE DETAILS	M	1	Must use
1170	API	ADDITIONAL PRICE INFORMATION	С	1	Used

PRI PRICE DETAILS

Pos: 1150 Max: 1 Mandatory

Group: 27 Elements: 1

User Option (Usage): Must use **Purpose:** To specify price information.

<u>Ref</u> PRI010	<u>Tag</u> C509	Element Na PRICE INFO		Status C	<u>Type</u> Comp	Min/Max	<u>Usage</u> Used
		Description	: Identification of price type,	price and	l related	details.	
PRI010-010	5125	Price qualifi	ier	М	an	1/3	Must use
		Description	: Identification of a type of p	rice.			
		<u>Code</u> AAA	Name Calculation net				
PRI010-020	5118	Price		С	n	1/15	Used
		Description product or se	: The monetary value assoc ervice.	ciated with	a purch	ase or sale of a	ın article,
PRI010-050	5284	Unit price b	asis	С	n	1/9	Used
		Description	: Basis on which the unit pri	ce/rate ap	plies.		
PRI010-060	6411	Measure un	it qualifier	С	an	1/3	Used
Description: Indication of the unit of measurement in which weight (mass),capacity, length, area, volume or other quantity is expressed.							s),capacity,

API ADDITIONAL PRICE INFORMATION

Pos: 1170 Max: 1 Conditional

Group: 27 Elements: 3

User Option (Usage): Used

Purpose: To provide information concerning pricing related to

Ref	Tag	Element Name	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>		
API010	4043	Class of trade, coded	С	an	1/3	Used		
		Description: Code identifying the class All valid standard codes are used.	of trade.					
API020	C138	PRICE MULTIPLIER INFORMATION	С	Comp		Used		
		Description: Price multiplier and its identification.						
API020-010	5394	Price multiplier	М	n	1/12	Must use		
		Description: Rate to be used to multiply a price.						
API020-020	5393	Price multiplier qualifier	С	an	1/3	Used		
		Description: Type of price multiplier. All valid standard codes are used.						
API030	C262	REASON FOR CHANGE	С	Comp		Used		
		Description: Code and/or description m	otivating	a price or	quantity			
API030-010	4295	Change reason, coded	С	an	1/3	Used		
		Description: Identification of the reason All valid standard codes are used.	for a cha	inge.				
API030-020	4294	Change reason	С	an	1/35	Used		
		Description: Description of the reason f	or a chan	ge.				

Segment Group 50

Pos: 1950 Repeat: 100 Conditional

Group: 50 Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	Segment Name	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1970	RFF	REFERENCE	С	5	Used
1990	FTX	FREE TEXT	С	5	Used

RFF REFERENCE

Pos: 1970 Max: 5 Conditional

Group: 50 Elements: 1

User Option (Usage): Used **Purpose:** To specify a reference.

<u>Ref</u> RFF010	<u>Tag</u> C506	Element Name REFERENCE	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
		Description: Identification of a reference	e.			
RFF010-010	1153	Reference qualifier	М	an	1/3	Must use
		Description: Code giving specific mean number. All valid standard codes are used.	ing to a re	eference	segment or a	reference
RFF010-020	1154	Reference number	С	an	1/35	Used
		Description: Identification number the ran entry in data element 1153 Reference			of which can	be qualified by

FREE TEXT

Pos: 1990 Max: 5 Conditional Group: 50 Elements: 4

User Option (Usage): Used **Purpose:** To provide free form or coded text information.

<u>Ref</u> FTX010	<u>Tag</u> 4451	<u>Element Name</u> Text subject qualifier	Status M	<u>Type</u> an	Min/Max 1/3	<u>Usage</u> Must use
		Description: Code specifying subject of	a free tex	ct.		
		Code ORINameOrder instruction				
FTX020	4453	Text function, coded	С	an	1/3	Used
		Description: Code specifying how to ha All valid standard codes are used.	ndle the t	ext.		
FTX030	C107	TEXT REFERENCE	С	Comp		Used
		Description: Coded reference to a stand	dard text	and its so	ource.	
FTX030-010	4441	Free text, coded	M	an	1/3	Must use
		Description: Free text in coded form.				
FTX030-020	1131	Code list qualifier	С	an	1/3	Used
		Description: Identification of a code list. All valid standard codes are used.				
FTX030-030	3055	Code list responsible agency, coded	С	an	1/3	Used
		Description: Code identifying the agend All valid standard codes are used.	y respons	sible for a	a code list.	
FTX040	C108	TEXT LITERAL	С	Comp		Used
		Description: Free text; one to five lines.				
FTX040-010	4440	Free text	M	an	1/70	Must use
		Description: Free text field available to	the mess	age send	der for informa	tion.
FTX040-020	4440	Free text	С	an	1/70	Used
		Description: Free text field available to	the mess	age send	der for informa	tion.
FTX040-030	4440	Free text	С	an	1/70	Used
		Description: Free text field available to	the mess	age send	der for informa	tion.
FTX040-040	4440	Free text	С	an	1/70	Used
		Description: Free text field available to	the mess	age send	der for informa	tion.
FTX040-050	4440	Free text	С	an	1/70	Used
		Description: Free text field available to	the mess	age senc	der for informa	tion.

UNS SECTION CONTROL

Pos: 2000 Max: 1 Mandatory Group: N/A Elements: 1

User Option (Usage): Must use

Purpose: To separate Header, Detail and Summary sections of a message.

Element Summary:

RefTaqElement NameStatusTypeMin/MaxUsageUNS0100081Section identifierMa1/1Must use

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

Code Name

S Detail/summary section separation

CNT CONTROL TOTAL

Pos: 2020 Max: 10 Conditional Group: N/A Elements: 1

User Option (Usage): Used

Purpose: To provide message control total.

<u>Ref</u> CNT010	<u>Tag</u> C270	Element Na CONTROL	<u>me</u>	Status M	<u>Type</u> Comp	Min/Max	<u>Usage</u> Must use
		Description	: Control total for checking in	ntegrity of	a messa	ge or part of	a message.
CNT010-010	6069	Control qua	lifier	М	an	1/3	Must use
		Description: Determines the source data elements in the message which forms the b for 6066 Control value.					ch forms the basis
		<u>Code</u> 1 2	<u>Name</u> Algebraic total of the quantity values in line items in a message Number of line items in message				
CNT010-020	6066	Control valu	ıe	М	n	1/18	Must use
		•	: Value obtained from summ ne message (Hash total).	ing the va	alues spe	cified by the	Control Qualifier

UNE FUNCTIONAL GROUP TRAILER

Pos: Max: 1 Conditional Group: N/A Elements: 2

User Option (Usage): Used

Purpose: To end and check the completeness of a functional group.

<u>Ref</u>	<u>Tag</u>	Element Name	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>
UNE010	0060	Number of messages	M	n	1/6	Must use
		Description: A count of the number of r	messages	in a fund	ctional group.	
UNE020	0048	Functional group reference number	М	an	1/14	Must use
		Description: Reference number for the the sender's division, department etc.	functional	group a	ssigned by and	d unique within

INTERCHANGE TRAILER UNZ

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

User Option (Usage): Must use **Purpose:** To end and check the completeness of an interchange.

Ref	<u>Tag</u>	Element Name	<u>Status</u>	<u>Type</u>	Min/Max	<u>Usage</u>
UNZ010	0036	Interchange control count	М	n	1/6	Must use
		Description: Count either of the number functional groups in an interchange.	per of messa	ages or, i	if used, of the	number of
UNZ020	0020	Interchange control reference	М	an	1/14	Must use
		Description: Unique reference assigned by the sender to an interchange.				