



ORDERS Purchase order message

EDIFACT/D97A/ORDERS: ORDERS Purchase order message

Version: 1.0 Final

Author:	Ingram Micro
Company:	
Created:	14/12/2020
Modified:	22/02/2021
Current:	23/02/2021

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ORDERS

Purchase order message

Message Status=

Not Defined:

Pos	Tag	Segment Name	Status	Rep	Notes
	UNB	INTERCHANGE HEADER	M	1	

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes
0010	UNH	MESSAGE HEADER	M	1	N1/0010
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020
0030	DTM	DATE	M	35	N1/0030
0070	FTX	FREE TEXT	C	99	N1/0070
0080		Segment Group 1	C	9999	N1/0080
0090	RFF	REFERENCE	M	1	N1/0090
0110		Segment Group 2	C	99	N1/0110
0120	NAD	NAME AND ADDRESS	M	1	N1/0120
0210		Segment Group 5	C	5	N1/0210
0220	CTA	CONTACT INFORMATION	M	1	N1/0220
0230	COM	COMMUNICATION CONTACT	C	5	N1/0230
0280		Segment Group 7	C	5	N1/0280
0290	CUX	CURRENCIES	M	1	N1/0290
0390		Segment Group 10	C	10	N1/0390
0400	TDT	DETAILS OF TRANSPORT	M	1	N1/0400
0600		Segment Group 16	C	10	N1/0600
0610	SCC	SCHEDULING CONDITIONS	M	1	N1/0610

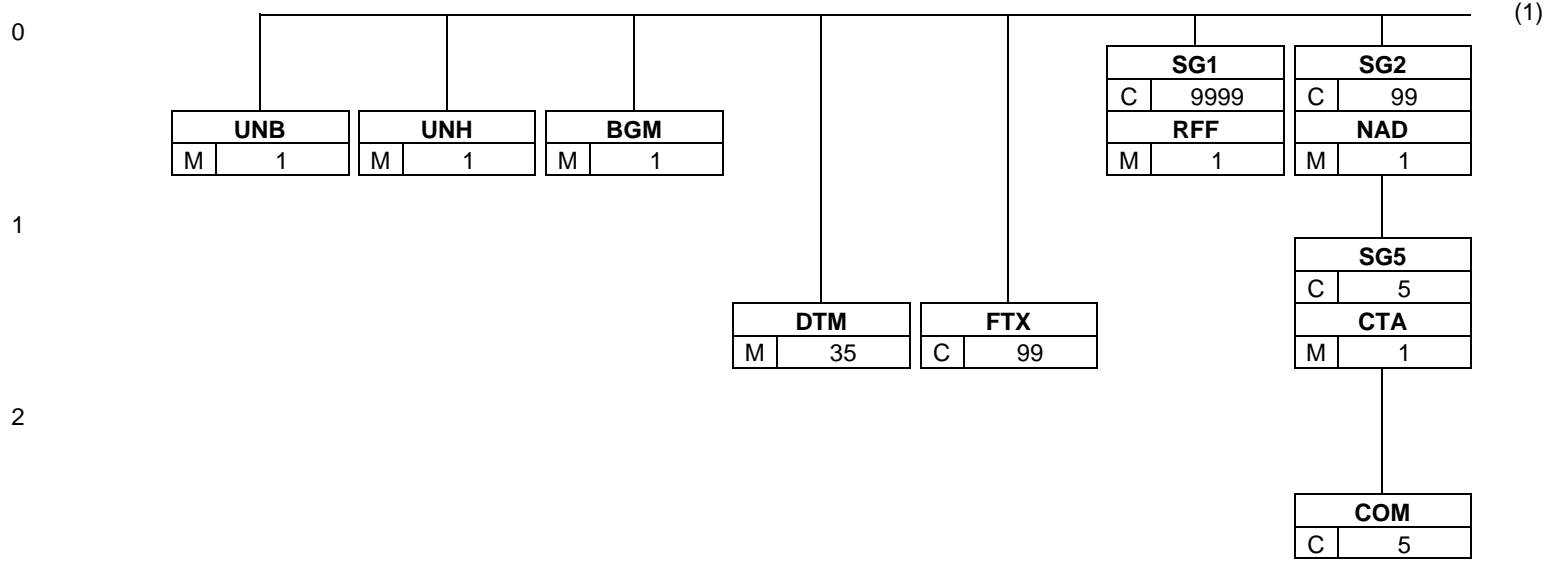
Detail:

Pos	Tag	Segment Name	Status	Rep	Notes
1010		Segment Group 28	C	200000	N2/1010
1020	LIN	LINE ITEM	M	1	N2/1020
1030	PIA	ADDITIONAL PRODUCT ID	C	25	N2/1030
1040	IMD	ITEM DESCRIPTION	C	99	N2/1040
1060	QTY	QUANTITY	C	99	N2/1060
1110	GIN	GOODS IDENTITY NUMBER	C	1000	N2/1110
1160	FTX	FREE TEXT	C	99	N2/1160
1280		Segment Group 32	C	25	N2/1280
1290	PRI	PRICE DETAILS	M	1	N2/1290
1340		Segment Group 33	C	9999	N2/1340
1350	RFF	REFERENCE	M	1	N2/1350
1360	DTM	DATE/TIME/PERIOD	C	5	N2/1360
1590		Segment Group 39	C	999	N2/1590
1600	NAD	NAME AND ADDRESS	M	1	N2/1600
1680		Segment Group 42	C	5	N2/1680
1690	CTA	CONTACT INFORMATION	M	1	N2/1690
1700	COM	COMMUNICATION CONTACT	C	5	N2/1700
2260	UNS	SECTION CONTROL	M	1	N2/2260
2280	CNT	CONTROL TOTAL	C	10	N2/2280
2330	UNT	MESSAGE TRAILER	M	1	N2/2330

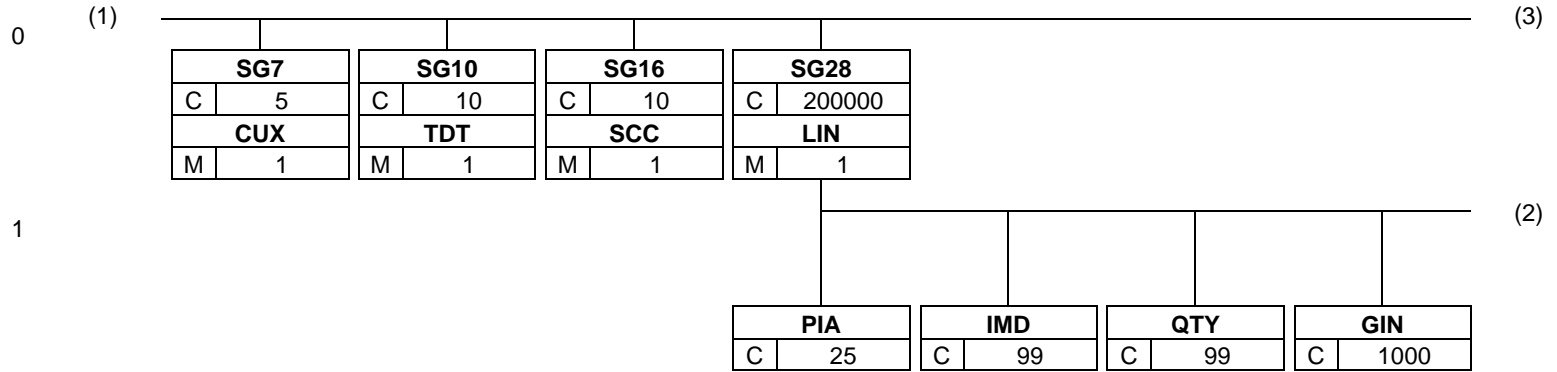
Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>
	UNZ	INTERCHANGE TRAILER	M	1	

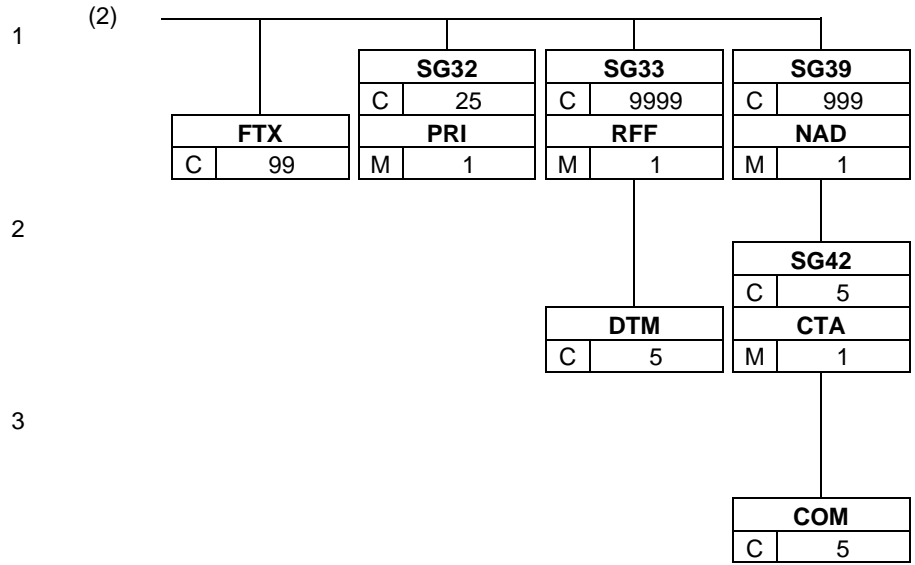
Branching Diagram: ORDERS(Purchase order message)



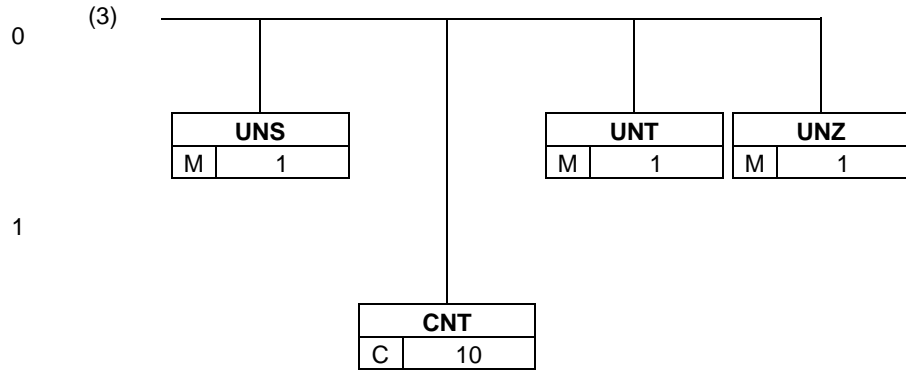
Branching Diagram: ORDERS(Purchase order message)



Branching Diagram: ORDERS(Purchase order message)



Branching Diagram: ORDERS(Purchase order message)



UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 7

Function: To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
UNB010	S001	SYNTAX IDENTIFIER Description: Identification of the agency controlling the syntax and indication of syntax level.	M	Comp		Must use				
UNB010-010	0001	Syntax identifier Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange. CodeList Summary (Total Codes: 6, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UNOC</td> <td>UN/ECE level C</td> </tr> </tbody> </table> Description: <i>As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.</i>	<u>Code</u>	<u>Name</u>	UNOC	UN/ECE level C	M	a	4/4	Must use
<u>Code</u>	<u>Name</u>									
UNOC	UN/ECE level C									
UNB010-020	0002	Syntax version number Description: Version number of the syntax identified in the syntax identifier (0001). CodeList Summary (Total Codes: 3, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Version 2</td> </tr> </tbody> </table> Description: <i>ISO 9735:1990.</i>	<u>Code</u>	<u>Name</u>	2	Version 2	M	n	1/1	Must use
<u>Code</u>	<u>Name</u>									
2	Version 2									
UNB020	S002	INTERCHANGE SENDER Description: Identification of the sender of the interchange.	M	Comp		Must use				
UNB020-010	0004	Sender identification Description: Name or coded representation of the sender of a data interchange.	M	an	1/35	Must use				
UNB020-020	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.	C	an	1/4	Used				
UNB030	S003	INTERCHANGE RECIPIENT Description: Identification of the recipient of the interchange.	M	Comp		Must use				
UNB030-010	0010	Recipient identification Description: Name or coded representation of the recipient of a data interchange.	M	an	1/35	Must use				
UNB030-020	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.	C	an	1/4	Used				
UNB040	S004	DATE/TIME OF PREPARATION Description: Date/time of preparation of the interchange.	M	Comp		Must use				

UNB040-010	0017	Date of preparation Description: Local date when an interchange or a functional group was prepared.	M	n	6/6	Must use				
UNB040-020	0019	Time of preparation Description: Local time of day when an interchange or a functional group was prepared.	M	n	4/4	Must use				
UNB050	0020	Interchange control reference Description: Unique reference assigned by the sender to an interchange.	M	an	1/14	Must use				
UNB070	0026	Application reference Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.	C	an	1/14	Used				
UNB110	0035	Test indicator Description: Indication that the interchange is a test. CodeList Summary (Total Codes: 1, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Interchange is a test</td> </tr> </tbody> </table> Description: <i>Indicates that the interchange is a test.</i>	<u>Code</u>	<u>Name</u>	1	Interchange is a test	C	n	1/1	Used
<u>Code</u>	<u>Name</u>									
1	Interchange is a test									

Example:

```
UNA:+.? '
UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
```

UNH

MESSAGE HEADER

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

Function: To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
UNH010	0062	MESSAGE REFERENCE NUMBER Description: Unique message reference assigned by the sender.	M	AN	1/14	Must use				
UNH020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version etc. of the message being interchanged.	M	Comp		Must use				
UNH020-010	0065	Message type identifier Description: Code identifying a type of message and assigned by its controlling agency. CodeList Summary (Total Codes: 145, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ORDERS</td> <td>Purchase order message</td> </tr> </tbody> </table> Description: A code to identify the purchase order message.	<u>Code</u>	<u>Name</u>	ORDERS	Purchase order message	M	AN	1/6	Must use
<u>Code</u>	<u>Name</u>									
ORDERS	Purchase order message									
UNH020-020	0052	Message type version number Description: 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). CodeList Summary (Total Codes: 7, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Draft version</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	D	Draft version	M	AN	1/3	Must use
<u>Code</u>	<u>Name</u>									
D	Draft version									
UNH020-030	0054	Message type release number Description: Release number within the current message type version number (0052). CodeList Summary (Total Codes: 15, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>97A</td> <td>Release 1997 - A</td> </tr> </tbody> </table> Description: Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	<u>Code</u>	<u>Name</u>	97A	Release 1997 - A	M	AN	1/3	Must use
<u>Code</u>	<u>Name</u>									
97A	Release 1997 - A									
UNH020-040	0051	Controlling agency Description: Code identifying the agency controlling the specification, maintenance and publication of the message type. CodeList Summary (Total Codes: 20, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UN</td> <td>UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</td> </tr> </tbody> </table> 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).	<u>Code</u>	<u>Name</u>	UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M	AN	1/2	Must use
<u>Code</u>	<u>Name</u>									
UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)									

Example:

UNH+14072226+ORDERS:D:97A:UN'

BGM

BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Used
		Description: Identification of a type of document/message by code or name.				
BGM010-010	1001	Document/message name, coded	C	AN	1/3	Used
		Description: Document/message identifier expressed in code.				
		CodeList Summary (Total Codes: 424, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		105		Purchase order		
		Description: 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.				
BGM010-040	1000	Document/message name	C	AN	1/35	Used
		Description: Plain language identifier specifying the function of a document/message.				
		NE - New Order LO - License Order				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
BGM020-010	1004	Document/message number	C	AN	1/35	Used
		Description: Buyers Purchase Order reference				
BGM030	1225	MESSAGE FUNCTION, CODED	C	AN	1/3	Used
		Description: Code indicating the function of the message.				
		CodeList Summary (Total Codes: 55, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		9		Original		
		Description: Initial transmission related to a given transaction.				

Example:

`BGM+105:::NE+4701103424+9'`

DTM

DATE

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

Function: To specify date.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE	M	Comp		Must use
Description: Date relevant to the specified date type.						
DTM010-010	2005	Date qualifier	M	AN	1/3	Must use
Description: Code giving specific meaning to a date, time or period.						
CodeList Summary (Total Codes: 364, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		2		Requested delivery date		
				Description: <i>Date on which buyer requests goods to be delivered.</i>		
		4		Order date		
				Description: <i>Date when an order is issued.</i>		
		137		Document/message date/time		
				Description: <i>Date when a document/message is issued. This may include authentication.</i>		
DTM010-020	2380	Date	C	AN	1/35	Used
Description: The value of a date in a specified representation.						
DTM010-030	2379	Date format qualifier	C	AN	1/3	Used
Description: Specification of the representation of a date.						
CodeList Summary (Total Codes: 70, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		
				Description:		
				<i>Calendar date where:</i>		
				<i>CC = Century, YY = Year, MM = Month, DD = Day.</i>		

Example:

DTM+2:20070713:102'
 DTM+4:20070709:102'
 DTM+137:20070709:102'

FTX

FREE TEXT

Pos: 0070	Max: 99
Conditional	
Group: N/A	Elements: 3

Function: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	TEXT SUBJECT QUALIFIER	M	AN	1/3	Must use
Description: Code specifying subject of a free text.						
CodeList Summary (Total Codes: 189, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		DEL	Delivery information			
		Description: <i>Information about delivery.</i>				
		ORI	Order instruction			
		Description: <i>Free text contains order instructions.</i>				
FTX020	4453	TEXT FUNCTION, CODED	C	AN	1/3	Used
Description: Code specifying how to handle the text.						
CodeList Summary (Total Codes: 4, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		1	Text for subsequent use			
		Description: <i>The occurrence of this text does not affect message processing.</i>				
FTX040	C108	TEXT LITERAL	C	Comp		Used
Description: Free text; one to five lines.						
FTX040-010	4440	Free text	M	AN	1/60	Must use
Description: Free text field available to the message sender for information.						
FTX040-020	4440	Free text	C	an	1/60	Used
Description: Free text field available to the message sender for information.						
FTX040-030	4440	Free text	C	an	1/60	Used
Description: Free text field available to the message sender for information.						
FTX040-040	4440	Free text	C	an	1/60	Used
Description: Free text field available to the message sender for information.						
FTX040-050	4440	Free text	C	an	1/60	Used
Description: Free text field available to the message sender for information.						

Example:

FTX+ORI+1++ORDER INFORMATION'
FTX+DEL+1++DELIVERY INFORMATION'

Business rules :

FTX+DEL - will be printed on shipping documentation

Segment Group 1

Pos: 0080	Repeat: 9999
Conditional	
Group: 1	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>
0090	RFF	REFERENCE

<u>Status</u>	<u>Rep</u>
M	1

RFF

REFERENCE

Pos: 0090	Max: 1
Mandatory	
Group: 1	Elements: 1

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
Description: Identification of a reference.						
RFF010-010	1153	Reference qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a reference segment or a reference number.						
CodeList Summary (Total Codes: 504, Included: 5)						
		<u>Code</u>		<u>Name</u>		
		SS		Sellers reference number		
				Description: Reference number assigned to a transaction by the seller.		
		UC		Ultimate customer's reference number		
				Description: The originator's reference number as forwarded in a sequence of parties involved.		
		UO		Ultimate customer's order number		
				Description: The originator's order number as forwarded in a sequence of parties involved.		
		VC		Vendor contract number		
				Description: Number assigned by the vendor to a contract.		
		ZZZ		Mutually defined reference number		
				Description: Number based on party agreement.		
RFF010-020	1154	Reference number	C	an	1/35	Used
Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						

Example:

RFF+UC:END-USER PO'
 RFF+SS:UCID number'
 RFF+UO:Apple END-USER DEP ID'
 RFF+VC:Apple Reseller DEP ID'
 RFF+ZZZ:Order reference number'

Segment Group 2

Pos: 0110	Repeat: 99
Conditional	
Group: 2	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
0120	NAD	NAME AND ADDRESS	M	1
0210		Segment Group 5	C	5

NAD

NAME AND ADDRESS

Pos: 0120	Max: 1
Mandatory	
Group: 2	Elements: 7

Function: To specify the name/address and their related function.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>												
NAD010	3035	PARTY QUALIFIER Description: Code giving specific meaning to a party. CodeList Summary (Total Codes: 325, Included: 5) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AP</td> <td>Accepting party Description: <i>Entitled Party</i></td> </tr> <tr> <td>BY</td> <td>Buyer Description: <i>Party to which merchandise is sold.</i></td> </tr> <tr> <td>DP</td> <td>Delivery party Description: <i>(3144) Party to which goods should be delivered, if not identical with consignee.</i></td> </tr> <tr> <td>GC</td> <td>Goods custodian Description: <i>Asset Location</i></td> </tr> <tr> <td>UC</td> <td>Ultimate consignee Description: <i>Party who has been designated on the invoice or packing list as the final recipient of the stated merchandise.</i></td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AP	Accepting party Description: <i>Entitled Party</i>	BY	Buyer Description: <i>Party to which merchandise is sold.</i>	DP	Delivery party Description: <i>(3144) Party to which goods should be delivered, if not identical with consignee.</i>	GC	Goods custodian Description: <i>Asset Location</i>	UC	Ultimate consignee Description: <i>Party who has been designated on the invoice or packing list as the final recipient of the stated merchandise.</i>	M	AN	1/3	Must use
<u>Code</u>	<u>Name</u>																	
AP	Accepting party Description: <i>Entitled Party</i>																	
BY	Buyer Description: <i>Party to which merchandise is sold.</i>																	
DP	Delivery party Description: <i>(3144) Party to which goods should be delivered, if not identical with consignee.</i>																	
GC	Goods custodian Description: <i>Asset Location</i>																	
UC	Ultimate consignee Description: <i>Party who has been designated on the invoice or packing list as the final recipient of the stated merchandise.</i>																	
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used												
NAD020-010	3039	Party id. identification Description: Code identifying a party involved in a transaction.	M	AN	1/35	Must use												
NAD020-030	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list. CodeList Summary (Total Codes: 195, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>EAN (International Article Numbering association) Description: <i>Self explanatory.</i></td> </tr> <tr> <td>92</td> <td>Assigned by buyer or buyer's agent Description: <i>Self explanatory.</i></td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	9	EAN (International Article Numbering association) Description: <i>Self explanatory.</i>	92	Assigned by buyer or buyer's agent Description: <i>Self explanatory.</i>	C	AN	1/3	Used						
<u>Code</u>	<u>Name</u>																	
9	EAN (International Article Numbering association) Description: <i>Self explanatory.</i>																	
92	Assigned by buyer or buyer's agent Description: <i>Self explanatory.</i>																	
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used												
NAD040-010	3036	Party name Description: Name of a party involved in a transaction.	M	AN	1/35	Must use												
NAD040-020	3036	Party name Description: For the attention of	C	AN	1/35	Used												

User: !! Used as the ship-to attention field in case of NAD+CN !!

NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.	C	Comp		Used
NAD050-010	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	M	AN	1/35	Must use
NAD050-020	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	AN	1/35	Used
NAD060	3164	CITY NAME Description: Name of a city (a town, a village) for addressing purposes.	C	AN	1/35	Used
NAD080	3251	POSTCODE IDENTIFICATION Description: Code defining postal zones or addresses.	C	AN	1/9	Used
NAD090	3207	COUNTRY, CODED Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.	C	AN	1/3	Used

Example:

NAD+BY+44479620-000'
NAD+CN+++SHIP-TO NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'

Business rules :

The full address in the NAD+CN segment should only be provided in case of fulfilment addresses.

Segment Group 5

Pos: 0210	Repeat: 5
Conditional	
Group: 5	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
0220	CTA	CONTACT INFORMATION	M	1
0230	COM	COMMUNICATION CONTACT	C	5

CTA

CONTACT INFORMATION

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

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
CTA010	3139	CONTACT FUNCTION, CODED	C	AN	1/3	Used				
<p>Description: Code specifying the function of a contact (e.g. department or person).</p> <p>CodeList Summary (Total Codes: 85, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PD</td> <td>Purchasing contact</td> </tr> </tbody> </table> <p>Description: <i>Department/person responsible for issuing this purchase order.</i></p>							<u>Code</u>	<u>Name</u>	PD	Purchasing contact
<u>Code</u>	<u>Name</u>									
PD	Purchasing contact									
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp		Used				
<p>Description: Code and/or name of a department or employee. Code preferred.</p>										
CTA020-020	3412	Department or employee	C	AN	1/35	Used				
<p>Description: The department or person within an organizational entity.</p>										

Example:

CTA+PD+:CONTACT NAME'

COM

COMMUNICATION CONTACT

Pos: 0230	Max: 5
Conditional	
Group: 5	Elements: 1

Function: To identify a communication point of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use
Description: Communication number of a department or employee in a specified channel.						
COM010-010	3148	Communication number	M	AN	1/512	Must use
Description: The communication number.						
COM010-020	3155	Communication channel qualifier	M	AN	1/3	Must use
Description: Code identifying the type of communication channel being used.						
CodeList Summary (Total Codes: 27, Included: 2)						
	<u>Code</u>	<u>Name</u>				
	EM	Electronic mail				
		Description: Receipt of unstructured free text messages or documents using computer network, a mini-computer or an attached modem and regular telephone line or other electronic transmission media.				
	TE	Telephone				
		Description: Voice transmission by telephone.				

Example:

COM+CONTECT PHONE:TE'
COM+CONTACT EMAIL:EM'

Segment Group 7

Pos: 0280	Repeat: 5
Conditional	
Group: 7	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>
0290	CUX	CURRENCIES

<u>Status</u>	<u>Rep</u>
M	1

CUX

CURRENCIES

Pos: 0290	Max: 1
Mandatory	
Group: 7	Elements: 1

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		Used
Description: The usage to which a currency relates.						
CUX010-010	6347	Currency details qualifier	M	AN	1/3	Must use
Description: Specification of the usage to which the currency relates.						
CodeList Summary (Total Codes: 7, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		2		Reference currency		
Description: <i>The currency applicable to amounts stated. It may have to be converted.</i>						
CUX010-020	6345	Currency, coded	C	AN	1/3	Used
Description: Identification of the name or symbol of the monetary unit involved in the transaction.						

Example:

CUX+2:EUR'

Segment Group 10

Pos: 0390	Repeat: 10
Conditional	
Group: 10	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
0400	TDT	DETAILS OF TRANSPORT	M	1

TDT

DETAILS OF TRANSPORT

Pos: 0400	Max: 1
Mandatory	
Group: 10	Elements: 3

Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
TDT010	8051	TRANSPORT STAGE QUALIFIER	M	AN	1/3	Must use				
<p>Description: Qualifier giving a specific meaning to the transport details.</p> <p>CodeList Summary (Total Codes: 17, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>20</td> <td>Main-carriage transport</td> </tr> </tbody> </table> <p>Description: <i>The primary stage in the movement of cargo from the point of origin to the intended destination.</i></p>							<u>Code</u>	<u>Name</u>	20	Main-carriage transport
<u>Code</u>	<u>Name</u>									
20	Main-carriage transport									
TDT030	C220	MODE OF TRANSPORT	C	Comp		Used				
<p>Description: Method of transport (coded).</p>										
TDT030-010	8067	Mode of transport, coded	C	AN	1/3	Used				
<p>Description: Coded method of transport used for the carriage of the goods.</p> <p>20 - Rail 30 - Road 40 - Air 50 - Mail</p>										
TDT050	C040	CARRIER	C	Comp		Used				
<p>Description: Identification of a carrier by code and/or by name. Code preferred.</p>										
TDT050-010	3127	Carrier identification	C	AN	1/10	Used				
<p>Description: Identification of party undertaking or arranging transport of goods between named points.</p> <p>User: <i>The carrier identification will need to be cross reference to the Ingram Micro carrier code.</i></p> <p><i>Maximum number of digits to be processed = 10</i></p>										
TDT050-040	3128	Carrier name	C	AN	1/35	Used				
<p>Description: Name of party undertaking or arranging transport of goods between named points.</p>										

Example:

TDT+20++30++TF:::TRANS-O-FLEX'

Segment Group 16

Pos: 0600	Repeat: 10
Conditional	
Group: 16	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>
0610	SCC	SCHEDULING CONDITIONS

<u>Status</u>	<u>Rep</u>
M	1

SCC

SCHEDULING CONDITIONS

Pos: 0610	Max: 1
Mandatory	
Group: 16	Elements: 2

Function: To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
SCC010	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	AN	1/3	Must use								
<p>Description: Code indicating the level of commitment of schedule information.</p> <p>CodeList Summary (Total Codes: 23, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>User defined</td> </tr> </tbody> </table> <p>Description: <i>Self explanatory.</i></p>							<u>Code</u>	<u>Name</u>	9	User defined				
<u>Code</u>	<u>Name</u>													
9	User defined													
SCC020	4493	DELIVERY REQUIREMENTS, CODED	C	AN	1/3	Used								
<p>Description: Indication of general instruction for delivery.</p> <p>CodeList Summary (Total Codes: 12, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BK</td> <td>Ship partial - balance back order</td> </tr> <tr> <td>SC</td> <td>Ship complete order</td> </tr> <tr> <td>SP</td> <td>Ship partial - balance cancel</td> </tr> </tbody> </table> <p>Description: <i>Partial shipping is allowed. The rest of the order should be delivered as soon as possible.</i></p> <p>Description: <i>The order should be delivered only complete, not partial.</i></p> <p>Description: <i>Partial shipping is allowed. The rest of the order should be cancelled.</i></p> <p><i>No backorder allowed</i></p>							<u>Code</u>	<u>Name</u>	BK	Ship partial - balance back order	SC	Ship complete order	SP	Ship partial - balance cancel
<u>Code</u>	<u>Name</u>													
BK	Ship partial - balance back order													
SC	Ship complete order													
SP	Ship partial - balance cancel													

Example:

SCC+9+BK'

Segment Group 28

Pos: 1010	Repeat: 200000
Conditional	
Group: 28	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
1020	LIN	LINE ITEM	M	1
1030	PIA	ADDITIONAL PRODUCT ID	C	25
1040	IMD	ITEM DESCRIPTION	C	99
1060	QTY	QUANTITY	C	99
1110	GIN	GOODS IDENTITY NUMBER	C	1000
1160	FTX	FREE TEXT	C	99
1280		Segment Group 32	C	25
1340		Segment Group 33	C	9999
1590		Segment Group 39	C	999

LIN

LINE ITEM

Pos: 1020	Max: 1
Mandatory	
Group: 28	Elements: 2

Function: To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	LINE ITEM NUMBER Description: Serial number designating each separate item within a series of articles.	C	AN	1/6	Used
LIN030	C212	ITEM NUMBER IDENTIFICATION Description: Goods identification for a specified source.	C	Comp		Used
LIN030-010	7140	Item number Description: A number allocated to a group or item.	C	AN	1/35	Used
LIN030-020	7143	Item number type, coded Description: Identification of the type of item number.	C	AN	1/3	Used

CodeList Summary (Total Codes: 86, Included: 4)

<u>Code</u>	<u>Name</u>
BP	Buyer's part number Description: Reference number assigned by the buyer to identify an article.
EN	International Article Numbering Association (EAN) Description: Number assigned to a manufacturer's product according to the International Article Numbering Association.
MF	Manufacturer's (producer's) article number Description: The number given to an article by its manufacturer.
VP	Vendor's (seller's) part number Description: Reference number assigned by a vendor/seller identifying an article.

LIN030-040	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.	C	AN	1/3	Used
------------	------	--	---	----	-----	------

CodeList Summary (Total Codes: 195, Included: 4)

<u>Code</u>	<u>Name</u>
9	EAN (International Article Numbering association)
90	Assigned by manufacturer
91	Assigned by seller or seller's agent
92	Assigned by buyer or buyer's agent

Example:

LIN+10++4517562:VP::91'

PIA

ADDITIONAL PRODUCT ID

Pos: 1030	Max: 25
Conditional	
Group: 28	Elements: 2

Function: To specify additional or substitutional item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																										
PIA010	4347	PRODUCT ID. FUNCTION QUALIFIER	M	AN	1/3	Must use																										
<p>Description: Indication of the function of the product code.</p> <p>CodeList Summary (Total Codes: 9, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Additional identification</td> </tr> </tbody> </table> <p>Description: Information which specifies and qualifies product identifications.</p>							<u>Code</u>	<u>Name</u>	1	Additional identification																						
<u>Code</u>	<u>Name</u>																															
1	Additional identification																															
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Must use																										
<p>Description: Goods identification for a specified source.</p>																																
PIA020-010	7140	Item number	C	AN	1/35	Used																										
<p>Description: A number allocated to a group or item.</p>																																
PIA020-020	7143	Item number type, coded	C	AN	1/3	Used																										
<p>Description: Identification of the type of item number.</p> <p>CodeList Summary (Total Codes: 86, Included: 5)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BP</td> <td>Buyer's part number</td> </tr> <tr> <td colspan="2">Description: Reference number assigned by the buyer to identify an article.</td> </tr> <tr> <td>EN</td> <td>International Article Numbering Association (EAN)</td> </tr> <tr> <td colspan="2">Description: Number assigned to a manufacturer's product according to the International Article Numbering Association.</td> </tr> <tr> <td>MF</td> <td>Manufacturer's (producer's) article number</td> </tr> <tr> <td colspan="2">Description: The number given to an article by its manufacturer.</td> </tr> <tr> <td>PV</td> <td>Promotional variant number</td> </tr> <tr> <td colspan="2">Description: Self explanatory.</td> </tr> <tr> <td colspan="2">User:</td> </tr> <tr> <td colspan="2">UCID number</td> </tr> <tr> <td>VP</td> <td>Vendor's (seller's) part number</td> </tr> <tr> <td colspan="2">Description: Reference number assigned by a vendor/seller identifying an article.</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BP	Buyer's part number	Description: Reference number assigned by the buyer to identify an article.		EN	International Article Numbering Association (EAN)	Description: Number assigned to a manufacturer's product according to the International Article Numbering Association.		MF	Manufacturer's (producer's) article number	Description: The number given to an article by its manufacturer.		PV	Promotional variant number	Description: Self explanatory.		User:		UCID number		VP	Vendor's (seller's) part number	Description: Reference number assigned by a vendor/seller identifying an article.	
<u>Code</u>	<u>Name</u>																															
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PIA020-040	3055	Code list responsible agency, coded	C	AN	1/3	Used																										
<p>Description: Code identifying the agency responsible for a code list.</p> <p>CodeList Summary (Total Codes: 195, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>EAN (International Article Numbering association)</td> </tr> <tr> <td>90</td> <td>Assigned by manufacturer</td> </tr> <tr> <td>91</td> <td>Assigned by seller or seller's agent</td> </tr> <tr> <td>92</td> <td>Assigned by buyer or buyer's agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	9	EAN (International Article Numbering association)	90	Assigned by manufacturer	91	Assigned by seller or seller's agent	92	Assigned by buyer or buyer's agent																
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90	Assigned by manufacturer																															
91	Assigned by seller or seller's agent																															
92	Assigned by buyer or buyer's agent																															

Example:

PIA+1+0734646724616:EN::9'

PIA+1+BUYERPART:BP::92'
PIA+1+0020G0461:MF::90'
PIA+1+1234567890:PV::90'

IMD

ITEM DESCRIPTION

Pos: 1040	Max: 99
Conditional	
Group: 28	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
IMD010	7077	ITEM DESCRIPTION TYPE, CODED Description: Code indicating the format of a description. CodeList Summary (Total Codes: 8, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	F	Free-form	C	AN	1/3	Used
<u>Code</u>	<u>Name</u>									
F	Free-form									
IMD030	C273	ITEM DESCRIPTION Description: Description of an item.	C	Comp		Used				
IMD030-040	7008	Item description Description: Plain language description of articles or products.	C	AN	1/35	Used				
IMD030-050	7008	Item description Description: Continuation of plain language description of articles or products.	C	AN	1/35	Used				

Example:

IMD+F+++::T644TN MONOLASER A4 47 PPM:128MB 1000BL.PAR USB 10/100BTX'

QTY

QUANTITY

Pos: 1060	Max: 99
Conditional	
Group: 28	Elements: 1

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
QTY010	C186	QUANTITY DETAILS Description: Quantity information in a transaction, qualified when relevant.	M	Comp		Must use				
QTY010-010	6063	Quantity qualifier Description: Code giving specific meaning to a quantity. CodeList Summary (Total Codes: 199, Included: 1)	M	AN	1/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>21</td> <td>Ordered quantity</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	21	Ordered quantity				
<u>Code</u>	<u>Name</u>									
21	Ordered quantity									
QTY010-020	6060	Quantity Description: Numeric value of a quantity.	M	N	1/15	Must use				

Example:

QTY+21:1'

GIN

GOODS IDENTITY NUMBER

Pos: 1110	Max: 1000
Conditional	
Group: 28	Elements: 2

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
GIN010	7405	IDENTITY NUMBER QUALIFIER	M	an	1/3	Must use				
<p>Description: Code specifying the type/source of identity number.</p> <p>CodeList Summary (Total Codes: 55, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BN</td> <td>Serial number</td> </tr> </tbody> </table> <p>Description: <i>Identification number of an item which distinguishes this specific item out of a number of identical items.</i></p>							<u>Code</u>	<u>Name</u>	BN	Serial number
<u>Code</u>	<u>Name</u>									
BN	Serial number									
GIN020	C208	IDENTITY NUMBER RANGE	M	Comp		Must use				
<p>Description: Goods item identification numbers, start and end of consecutively numbered range.</p>										
GIN020-010	7402	Identity number	M	an	1/35	Must use				
<p>Description: The number given to an object for its unique identification.</p>										
GIN020-020	7402	Identity number	C	an	1/35	Used				
<p>Description: The number given to an object for its unique identification.</p>										

Example:

GIN+BN+123456789A:89799666B'

Business rules :

*Serial number for primary hardware device should be in first occurrence of 7402
1 secondary hardware device is allowed (second occurrence)*

FTX

FREE TEXT

Pos: 1160	Max: 99
Conditional	
Group: 28	Elements: 3

Function: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
FTX010	4451	TEXT SUBJECT QUALIFIER	M	an	1/3	Must use										
<p>Description: Code specifying subject of a free text.</p> <p>CodeList Summary (Total Codes: 189, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DEL</td> <td>Delivery information</td> </tr> <tr> <td colspan="2">Description: <i>Information about delivery.</i></td> </tr> <tr> <td>ORI</td> <td>Order instruction</td> </tr> <tr> <td colspan="2">Description: <i>Free text contains order instructions.</i></td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	DEL	Delivery information	Description: <i>Information about delivery.</i>		ORI	Order instruction	Description: <i>Free text contains order instructions.</i>	
<u>Code</u>	<u>Name</u>															
DEL	Delivery information															
Description: <i>Information about delivery.</i>																
ORI	Order instruction															
Description: <i>Free text contains order instructions.</i>																
FTX020	4453	TEXT FUNCTION, CODED	C	an	1/3	Used										
<p>Description: Code specifying how to handle the text.</p> <p>CodeList Summary (Total Codes: 4, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Text for subsequent use</td> </tr> <tr> <td colspan="2">Description: <i>The occurrence of this text does not affect message processing.</i></td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	1	Text for subsequent use	Description: <i>The occurrence of this text does not affect message processing.</i>					
<u>Code</u>	<u>Name</u>															
1	Text for subsequent use															
Description: <i>The occurrence of this text does not affect message processing.</i>																
FTX040	C108	TEXT LITERAL	C	Comp		Used										
<p>Description: Free text; one to five lines.</p>																
FTX040-010	4440	Free text	M	an	1/60	Must use										
<p>Description: Free text field available to the message sender for information.</p>																
FTX040-020	4440	Free text	C	an	1/60	Used										
<p>Description: Free text field available to the message sender for information.</p>																
FTX040-030	4440	Free text	C	an	1/60	Used										
<p>Description: Free text field available to the message sender for information.</p>																
FTX040-040	4440	Free text	C	an	1/60	Used										
<p>Description: Free text field available to the message sender for information.</p>																
FTX040-050	4440	Free text	C	an	1/60	Used										
<p>Description: Free text field available to the message sender for information.</p>																

Example:

FTX+ORI+1+++SPECIAL INSTRUCTIONS'

Segment Group 32

Pos: 1280	Repeat: 25
Conditional	
Group: 32	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>
1290	PRI	PRICE DETAILS

<u>Status</u>	<u>Rep</u>
M	1

PRI PRICE DETAILS

Pos: 1290	Max: 1
Mandatory	
Group: 32	Elements: 1

Function: To specify price information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
PRI010	C509	PRICE INFORMATION Description: Identification of price type, price and related details.	C	Comp		Used						
PRI010-010	5125	Price qualifier Description: Identification of a type of price. CodeList Summary (Total Codes: 10, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CAL</td> <td>Calculation price</td> </tr> </tbody> </table> Description: <i>The price stated is the price for the calculation of the line item amount.</i>	<u>Code</u>	<u>Name</u>	CAL	Calculation price	M	AN	1/3	Must use		
<u>Code</u>	<u>Name</u>											
CAL	Calculation price											
PRI010-020	5118	Price Description: The monetary value associated with a purchase or sale of an article, product or service.	C	N	1/15	Used						
PRI010-030	5375	Price type, coded Description: Code identifying the type of price of an item. CodeList Summary (Total Codes: 27, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TU</td> <td>Traded unit</td> </tr> </tbody> </table> Description: <i>The price is referring to the traded unit.</i>	<u>Code</u>	<u>Name</u>	TU	Traded unit	C	AN	1/3	Used		
<u>Code</u>	<u>Name</u>											
TU	Traded unit											
PRI010-040	5387	Price type qualifier Description: Code identifying pricing specification. CodeList Summary (Total Codes: 89, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DR</td> <td>Dealer price</td> </tr> <tr> <td>QTE</td> <td>Quote price</td> </tr> </tbody> </table> Description: <i>Self explanatory.</i> Description: <i>Price per unit of quantity of a product as specified in a quote.</i>	<u>Code</u>	<u>Name</u>	DR	Dealer price	QTE	Quote price	C	AN	1/3	Used
<u>Code</u>	<u>Name</u>											
DR	Dealer price											
QTE	Quote price											

Example:

PRI+CAL:133.03:TU:DR'

Business rules :

Qualifier 'QTE' in PRI.5387 is linked to the RFF+PD segment and is to be used for special bid / promotional deal pricing

Segment Group 33

Pos: 1340	Repeat: 9999
Conditional	
Group: 33	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
1350	RFF	REFERENCE	M	1
1360	DTM	DATE/TIME/PERIOD	C	5

RFF

REFERENCE

Pos: 1350	Max: 1
Mandatory	
Group: 33	Elements: 1

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
Description: Identification of a reference.						
RFF010-010	1153	Reference qualifier	M	an	1/3	Must use
Description: Code giving specific meaning to a reference segment or a reference number.						
CodeList Summary (Total Codes: 504, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		LI		Line item reference number		
				Description: (1156) Reference number identifying a particular line in a document.		
		PD		Promotion deal number		
				Description: Number assigned by a vendor to a special promotion activity.		
				<i>Linked to qualifier 'QTE' - PRI.5387</i>		
		SP		Scan line		
				Description: Description to be provided.		
RFF010-020	1154	Reference number	C	an	1/35	Used
Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						
User: S=Post-sales warranty L=Concurrent warranty						

Example:

RFF+PD:PRICE AGREEMENT NUMBER'

RFF+LI:001 - Line number for associated hardware (up to 2 hardware items).

DTM

DATE/TIME/PERIOD

Pos: 1360	Max: 5
Conditional	
Group: 33	Elements: 1

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
		Description: Date and/or time, or period relevant to the specified date/time/period type.				
DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a date, time or period.				
		CodeList Summary (Total Codes: 364, Included: 1)				
		<u>Code</u> <u>Name</u>				
		92 Contract effective date				
		Description: <i>Date when a contract becomes valid.</i>				
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.				
		CodeList Summary (Total Codes: 70, Included: 1)				
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		Description: <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>				

Example:

DTM+92:20070709:102'

Business rules :

Contract start date for warranties for previously purchased hardware

Segment Group 39

Pos: 1590	Repeat: 999
Conditional	
Group: 39	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
1600	NAD	NAME AND ADDRESS	M	1
1680		Segment Group 42	C	5

NAD

NAME AND ADDRESS

Pos: 1600	Max: 1
Mandatory	
Group: 39	Elements: 8

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
NAD010	3035	PARTY QUALIFIER Description: Code giving specific meaning to a party. CodeList Summary (Total Codes: 325, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UD</td> <td>Ultimate customer</td> </tr> </tbody> </table> Description: <i>The final recipient of goods.</i>	<u>Code</u>	<u>Name</u>	UD	Ultimate customer	M	an	1/3	Must use
<u>Code</u>	<u>Name</u>									
UD	Ultimate customer									
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used				
NAD020-010	3039	Party id. identification Description: Code identifying a party involved in a transaction.	M	an	1/35	Must use				
NAD020-020	1131	Code list qualifier Description: Identification of a code list.	C	an	1/3	Used				
NAD020-030	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.	C	an	1/3	Used				
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used				
NAD040-010	3036	Party name Description: Name of a party involved in a transaction.	M	an	1/35	Must use				
NAD040-020	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used				
NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.	C	Comp		Used				
NAD050-010	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	M	an	1/35	Must use				
NAD050-020	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	an	1/35	Used				
NAD050-030	3042	Street and number/p.o. box Description: Street and number in plain	C	an	1/35	Used				

NAD050-040	3042	<p>language, or Post Office Box No.</p> <p>Street and number/p.o. box</p> <p>Description: Street and number in plain language, or Post Office Box No.</p>	C	an	1/35	Used
NAD060	3164	<p>CITY NAME</p> <p>Description: Name of a city (a town, a village) for addressing purposes.</p>	C	an	1/35	Used
NAD070	3229	<p>COUNTRY SUB-ENTITY IDENTIFICATION</p> <p>Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.</p>	C	an	1/9	Used
NAD080	3251	<p>POSTCODE IDENTIFICATION</p> <p>Description: Code defining postal zones or addresses.</p>	C	an	1/9	Used
NAD090	3207	<p>COUNTRY, CODED</p> <p>Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.</p>	C	an	1/3	Used

Segment Group 42

Pos: 1680	Repeat: 5
Conditional	
Group: 42	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>
1690	CTA	CONTACT INFORMATION	M	1
1700	COM	COMMUNICATION CONTACT	C	5

CTA

CONTACT INFORMATION

Pos: 1690	Max: 1
Mandatory	
Group: 42	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
CTA010	3139	CONTACT FUNCTION, CODED Description: Code specifying the function of a contact (e.g. department or person). CodeList Summary (Total Codes: 85, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PD</td> <td>Purchasing contact</td> </tr> </tbody> </table> Description: <i>Department/person responsible for issuing this purchase order.</i>	<u>Code</u>	<u>Name</u>	PD	Purchasing contact	C	an	1/3	Used
<u>Code</u>	<u>Name</u>									
PD	Purchasing contact									
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS Description: Code and/or name of a department or employee. Code preferred.	C	Comp		Used				
CTA020-010	3413	Department or employee identification Description: Internal identification code.	C	an	1/17	Used				
CTA020-020	3412	Department or employee Description: The department or person within an organizational entity.	C	an	1/35	Used				

COM

COMMUNICATION CONTACT

Pos: 1700	Max: 5
Conditional	
Group: 42	Elements: 1

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT Description: Communication number of a department or employee in a specified channel.	M	Comp		Must use
COM010-010	3148	Communication number Description: The communication number.	M	an	1/512	Must use
COM010-020	3155	Communication channel qualifier Description: Code identifying the type of communication channel being used.	M	an	1/3	Must use

CodeList Summary (Total Codes: 27, Included: 2)

<u>Code</u>	<u>Name</u>
EM	Electronic mail Description: <i>Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini-computer or an attached modem and regular telephone line or other electronic transmission media.</i>
TE	Telephone Description: <i>Voice/data transmission by telephone.</i>

UNS

SECTION CONTROL

Pos: 2260	Max: 1
Mandatory	
Group: N/A	Elements: 1

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

Element Summary:

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

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

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
S	Detail/summary section separation

Description: *To qualify the segment UNS, when separating the detail from the summary section of a message.*

Example:

UNS+S'

CNT

CONTROL TOTAL

Pos: 2280	Max: 10
Conditional	
Group: N/A	Elements: 1

Function: To provide control total.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CNT010	C270	CONTROL	M	Comp		Must use
Description: Control total for checking integrity of a message or part of a message.						
CNT010-010	6069	Control qualifier	M	an	1/3	Must use
Description: Determines the source data elements in the message which forms the basis for 6066 Control value.						
CodeList Summary (Total Codes: 38, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		1		Algebraic total of the quantity values in line items in a message		
				Description: <i>Self-explanatory.</i>		
		2		Number of line items in message		
				Description: <i>Self-explanatory.</i>		
CNT010-020	6066	Control value	M	n	1/18	Must use
Description: Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).						

Example:

CNT+1:2'
CNT+2:1'

UNT

MESSAGE TRAILER

Pos: 2330	Max: 1
Mandatory	
Group: N/A	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	NUMBER OF SEGMENTS IN A MESSAGE Description: Control count of number of segments in a message.	M	N	1/6	Must use
UNT020	0062	MESSAGE REFERENCE NUMBER Description: Unique message reference assigned by the sender.	M	AN	1/14	Must use

Example:

UNT+66+14072226'

UNZ INTERCHANGE TRAILER

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

Function: To end and check the completeness of an interchange.

Element Summary:

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

Example:

UNZ+1+00000000000016'

Sample Messages

Standard Stock Order

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::NE+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 FTX+ORI+1++ORDER INFORMATION'
 FTX+DEL+1++DELIVERY INFORMATION'
 RFF+UC:END-USER PO'
 RFF+ZZZ:Order reference number'
 NAD+BY+44479620-000'
 NAD+CN+++SHIP-TO NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:SHIP TO CONTACT NAME'
 COM+SHIP TO CONTACT PHONE:TE'
 COM+SHIP TO CONTACT EMAIL:EM'
 CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+10++4517562:VP:::91'
 PIA+1+BUYERPART:BP:::92'
 IMD+F+++:::T644TN MONOLASER A4 47 PPM:128MB 1000BL.PAR USB 10/100BTX'
 QTY+21:1'
 FTX+ORI+1++SPECIAL INSTRUCTIONS'
 PRI+CAL:133.03:TU:DR'
 RFF+PD:PRICE AGREEMENT NUMBER'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+27+14072226'
 UNZ+1+00000000000016'

Licence Order

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::LO+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 FTX+ORI+1++ORDER INFORMATION'
 FTX+DEL+1++DELIVERY INFORMATION'
 RFF+UC:END-USER PO'
 RFF+ZZZ:Order reference number'
 NAD+BY+44479620-000'
 NAD+CN+++SHIP-TO NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:SHIP TO CONTACT NAME'
 COM+SHIP TO CONTACT PHONE:TE'
 COM+SHIP TO CONTACT EMAIL:EM'
 NAD+UC+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM' CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+10++4517562:VP:::91'
 PIA+1+BUYERPART:BP:::92'
 IMD+F+++:::T644TN MONOLASER A4 47 PPM:128MB 1000BL.PAR USB 10/100BTX'
 QTY+21:1'
 FTX+ORI+1++SPECIAL INSTRUCTIONS'
 PRI+CAL:133.03:TU:DR'
 RFF+PD:PRICE AGREEMENT NUMBER'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+31+14072226'
 UNZ+1+000000000000016'

Warranty Order (Post Sales)

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::NE+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 RFF+UC:END-USER PO'
 RFF+ZZZ:Order reference number'
 NAD+BY+44479620-000'
 CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+10++4517562:VP::91'
 PIA+1+BUYERPART:BP::92'
 IMD+F+:::ITEM DESCRIPTION - WARRANTY'
 QTY+21:1'
 GIN+BN+123456789A:89799666B' (Serial Number/s)
 FTX+ORI+1++SPECIAL INSTRUCTIONS'
 PRI+CAL:133.03:TU'
 RFF+SP:S'
 DTM+92:20070709:102'
 NAD+UD+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+27+14072226'
 UNZ+1+00000000000016'

Warranty Order (Concurrent)

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::NE+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 RFF+UC:END-USER PO'
 RFF+ZZZ:Order reference number'
 NAD+BY+44479620-000'
 CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+1++12345678:VP::91'
 PIA+1+BUYERPART1:BP::92'
 IMD+F++:::ITEM DESCRIPTION – HARDWARE 1'
 QTY+21:1'
 PRI+CAL:133.03:TU'
 LIN+2++78945612:VP::91'
 PIA+1+BUYERPART2:BP::92'
 IMD+F++::: ITEM DESCRIPTION – HARDWARE 1'
 QTY+21:1'
 PRI+CAL:133.03:TU'
 LIN+3++4517562:VP::91'
 PIA+1+0734646724616:EN::9'
 PIA+1+BUYERPART:BP::92'
 PIA+1+0020G0461:MF::90'
 IMD+F++::: ITEM DESCRIPTION – WARRANTY'
 QTY+21:1'
 PRI+CAL:133.03:TU'
 RFF+SP:L'
 RFF+LI:001'
 RFF+LI:002'
 NAD+UD+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+38+14072226'
 UNZ+1+00000000000016'

Apple DEP Order

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::NE+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 RFF+UC:END-USER PO'
 RFF+UO:Apple END-USER DEP ID'
 RFF+VC:Apple Reseller DEP ID'
 RFF+ZZ:Order reference number'
 NAD+BY+44479620-000'
 NAD+UC+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM'
 CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+10++4517562:VP::91'
 PIA+1+BUYERPART:BP::92'
 IMD+F+:::T644TN MONOLASER A4 47 PPM:128MB 1000BL.PAR USB 10/100BTX'
 QTY+21:1'
 PRI+CAL:133.03:TU'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+25+14072226'
 UNZ+1+00000000000016'

Order with all Vendor required information (VMF)

UNA:+.? '
 UNB+UNOC:2+RESELLER:ZZ+004919486DE:01+070709:0652+00000000000016++ORDERS'
 UNH+14072226+ORDERS:D:97A:UN'
 BGM+105:::NE+4701103424+9'
 DTM+4:20070709:102'
 DTM+137:20070709:102'
 FTX+ORI+1++ORDER INFORMATION'
 FTX+DEL+1++DELIVERY INFORMATION'
 RFF+UC:END-USER PO'
 RFF+SS:UCID number'
 RFF+ZZ:Order reference number'
 NAD+BY+44479620-000'
 NAD+CN+++SHIP-TO NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:SHIP TO CONTACT NAME'
 COM+SHIP TO CONTACT PHONE:TE'
 COM+SHIP TO CONTACT EMAIL:EM'
 NAD+AP+++ENTITLED PARTY NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:ENTITLED PARTY CONTACT NAME'
 COM+ENTITLED PARTY CONTACT PHONE:TE'
 COM+ENTITLED PARTY CONTACT EMAIL:EM'
 NAD+GC+++ASSET LOCATION NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:ASSET LOCATION CONTACT NAME'
 COM+ASSET LOCATION CONTACT PHONE:TE'
 COM+ASSET LOCATION CONTACT EMAIL:EM'
 NAD+UC+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM'
 CUX+2:EUR'
 TDT+20++30++TF:::TRANS-O-FLEX'
 SCC+9+BK'
 LIN+10++4517562:VP::91'
 PIA+1+0734646724616:EN::9'
 PIA+1+BUYERPART:BP::92'
 PIA+1+0020G0461:MF::90'
 PIA+1+1234567890:PV::90'
 IMD+F+:::T644TN MONOLASER A4 47 PPM:128MB 1000BL.PAR USB 10/100BTX'
 QTY+21:1'
 FTX+ORI+1++SPECIAL INSTRUCTIONS'
 PRI+CAL:133.03:TU:DR'
 RFF+PD:PRICE AGREEMENT NUMBER'
 NAD+UD+++END USER NAME+ADDRESS-1:ADDRESS-2+CITY++12345+DE'
 CTA+PD+:END USER CONTACT NAME'
 COM+END USER CONTACT PHONE:TE'
 COM+END USER CONTACT EMAIL:EM'
 UNS+S'
 CNT+1:2'
 CNT+2:1'
 UNT+47+14072226'
 UNZ+1+000000000000016'